REQUEST FOR QUOTATIONS (RFQ)

Dora Nginza Hospital - Upgrades and additions to the existing Laundry: BID NO: SCMU3-25/26-0637-DNG

NAME OF COMPANY:

_____

CSD Nr:

_____

CRS Nr (CIDB):

_____

CLOSING DATE: Tuesday 07 April 2026 TIME: 11:00 am

Deliver to:

TENDER BOX
THE ECDOH SUPPLY CHAIN OFFICES – DORA NGINZA HOSPITAL,
OLD EMS Building Room No. W 122.
SPONDO STREET, ZWIDE
GQEBERHA

TABLE OF CONTENTS

THE TENDER	1
PART T1 – TENDERING PROCEDURES	2
T1.1 TENDER NOTICE AND INVITATION TO TENDER	2
T1.2 TENDER DATA	4
PART T2 RETURNABLE DOCUMENTS	17
T2.1 LIST OF RETURNABLE DOCUMENTS	20
SBD 1 – PART A INVITATION TO BID	23
SBD 1 – PART B TERMS AND CONDITIONS FOR BIDDING	25
COMPULSORY ENTERPRISE QUESTIONNAIRE (A)	28
SBD 4 – DECLARATION OF INTEREST	30
RECORD OF ADDENDA TO BID DOCUMENTS	31
PROPOSED AMENDMENTS AND QUALIFICATIONS	32
RESOLUTION FOR SIGNATORY	33
CERTIFICATE OF AUTHORITY FOR JOINT VENTURES	34
SCHEDULE OF PROPOSED SUBCONTRACTORS	35
PARTICULARS OF SPECIALIST SUBCONTRACTORS: ELECTRICAL INSTALLATION	37
PARTICULARS OF SPECIALIST SUBCONTRACTORS: MECHANICAL INSTALLATION	38
PARTICULARS OF SPECIALIST SUBCONTRACTORS: SPECIALIST VINYL FLOORING	39
PARTICULARS OF SPECIALIST SUBCONTRACTORS: PLUMBING	40
PARTICULARS OF SPECIALIST SUBCONTRACTORS: JOINERY	41
PARTICULARS OF SPECIALIST SUBCONTRACTORS: SPECIALIST FENCING	42
PARTICULARS OF SPECIALIST SUBCONTRACTORS: PAINTING	43
PARTICULARS OF SPECIALIST SUBCONTRACTORS: SPECIALIST ABT STRUCTURE	43
SBD 6.1 – PREFERENCE POINT CLAIM	44
PROOF OF REGISTRATION ON THE NATIONAL TREASURY CENTRAL SUPPLIER DATABASE	51
VALID CIDB CERTIFICATE OF A TENDERER	52
VALID DEPARTMENT OF LABOUR COIDA or FEM LETTER OF GOOD STANDING	53
PROOF OF SPECIFIC GOALS POINTS CLAIMED	54
PROTECTION OF PERSONAL INFORMATION: CONSENT (POPIA)	56
LIST OF PROJECTS PREVIOUSLY COMPLETED	58
COPIES OF PRACTICAL / WORKS / FINAL COMPLETION CERTIFICATES OF LIST OF PROJECTS PREVIOUSLY COMPLETED	60
DETAILS OF ALL RESOURCES, PLANT AND EQUIPMENT TO EXECUTE THIS SERVICE	61
CONSTRUCTION LABOUR FORECAST SCHEDULE (INCLUDING SUBCONTRACTORS AND SPECIALIST SUBCONTRACTORS	62
THE CONTRACT	63
PART C1 – AGREEMENTS AND CONTRACT DATA	64
PART C1.1 – FORM OF OFFER AND ACCEPTANCE	65
PART C1.2 CONTRACT DATA	69
PART C1.3 DISPUTE RESOLUTION MECHANISM	94
C1.3 CIDB ADJUDICATOR'S AGREEMENT	95

PART C2 – PRICING DATA **98**
PART C2.1 – PRICING INSTRUCTIONS **99**
PART C2.2 – BILLS OF QUANTITIES **101**
PART C3 – SCOPE OF WORKS **102**
C3 – SCOPE OF WORKS **103**
PART C4 – SITE INFORMATION **131**
C4.1 – SITE INFORMATION **131**

THE TENDER

PART T1

TENDERING PROCEDURES
PART T1.1: TENDER NOTICE AND INVITATION TO TENDER:
BID NO: SCMU3-25/26-0637-DNG

The Eastern Cape Department of Health invites contractors with a **CIDB Grading** of **CIDB 2GB** or higher to tender for the **Dora Nginza Hospital - Upgrades and additions to the existing Laundry for a 4-month (4)** contract. The JBCC Edition 6.2 of 2018 will be used and **The Eastern Cape Department of Health** will enter a written contract with the successful tenderer.

Bid documents will be available at no cost from 19 March 2026 and may be obtained from: THE ECDOH SUPPLY CHAIN OFFICES – DORA NGINZA HOSPITAL, OLD EMS Building Room No. W 122, SPONDO STREET, ZWIDE, GQEBERHA.

There will be a compulsory briefing meeting on **Friday 27 March 2026 @ 11h00, at the existing Laundry Building, Dora Nginza Hospital, Spondo Road, Zwide, Gqeberha.**

Queries & Technical enquiries relating to this bid may be addressed in writing to:
Mr Skhumbuzo Malkumese via e-mail: skhumbuzo.malkumese@echealth.gov.za

The closing time for receipt of tenders by **The Eastern Cape Department of Health** is **11:00am** on **Tuesday 07 April 2026**. Telegraphic, telephonic, telex, facsimile, e-mail and late tenders will not be accepted. Bids must be submitted in sealed envelopes clearly marked**: Dora Nginza Hospital - Upgrades and additions to the existing Laundry: BID NO: SCMU3-25/26-0637-DNG** and must be deposited in the bid/tender box:

situated at the following address:

THE ECDOH SUPPLY CHAIN OFFICES – DORA NGINZA HOSPITAL,
OLD EMS Building Room No. W 122, SPONDO STREET, ZWIDE, GQEBERHA.

It is the responsibility of the tenderer/s to ensure that bid documents /proposals are submitted on or before closing time and the correct location as the department will not take responsibility of wrong delivery. Tenderers using courier services for delivery of their bid documents must ensure the delivery is at the correct place / location and time as the department will not be held responsible for wrong delivery. Not delivered to Departmental officials. The Department will not accept responsibility if bids received by officials are not timely deposited in the Bid Box.

Tenders may only be submitted on the tender documentation that is issued. Tenderers must be registered on the National Treasury Central Supplier Data Base and proof of registration must be submitted with the proposal (https://secure.csd.gov.za). Requirements for sealing, addressing, delivery, opening and assessment of tenders are stated in the Tender Data.

B. BID EVALUATION:
This bid will be evaluated in Three (3) Stages as follows:

Stage One: Compliance with Mandatory returnable requirements and Special Bid Conditions
Stage Two: Functionality: Technical capability, resources & LED (Local Economic Development) (Threshold minimum score of 70/100)
Stage Three: Price & Specific targeted goals in terms of the Preferential procurement regulations of 2022.

PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT (PPPFA) Price & Specific targeted goals POINTS WILL BE AWARDED AS FOLLOWS:

Maximum points on price	-	**80 points**
Maximum points for Specific targeted goals	-	**20 points**

Maximum points - 100 points

C. BID SPECIFICATIONS, CONDITIONS AND RULES

The minimum specifications, bid conditions and rules are detailed in the bid document under Tender Data. The specifications, rules, special conditions of bid, evaluation criteria, and rules for evaluation for compliance to local content and other bid conditions are detailed in the document.

Tender validity period is **90 days.**

D. TENDER SUBMISSIONS:

Bids must be submitted in sealed envelopes/boxes clearly marked**: Dora Nginza Hospital - Upgrades and additions to the existing Laundry: BID NO: SCMU3-25/26-0637-DNG and** must be deposited in the tender / bid box:

THE ECDOH SUPPLY CHAIN OFFICES – DORA NGINZA HOSPITAL,
OLD EMS Building Room No. W 122, SPONDO STREET, ZWIDE, GQEBERHA.

ENQUIRIES WITH REGARD TO THIS RFQ/BID ADVERT MAY BE DIRECTED TO:
Mr Skhumbuzo Malkumese via e-mail: skhumbuzo.malkumese@echealth.gov.za

PART T1.2: TENDER DATA

T1.2 Tender Data

The conditions of tender are the latest edition of SANS 10845-3, *Standard conditions of tender*.
SANS 10845-3 makes several references to the Tender Data for details that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the provisions of SANS 10845-3 *and* as contained in **Annexure C** of **Standard for Uniformity in Construction Procurement (Board Notice 423 of 2009 Government Gazette No 42622 of August 2019)**.
Each item of data given below is cross-referenced to the clause in SANS 10845-3 to which it mainly applies.

Clause number	Tender Data
3.1	The Employer is Health
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 C1.3 - Dispute Resolution Mechanism **Part C2: Pricing data** C2.1 - Pricing Instructions C2.2 - Bills of Quantities **Part C3: Scope of work** C3 - Scope of work **Part C4: Site information** C4 - Site information
3.3	The tender documents issued by the employer comprise the documents listed on the contents page
3.4	The employer's agent is: BNM ARCHITECTS 114 PARK DRIVE CENTRAL GEQBERHA
3.5	The language for communications is English
3.6	The competitive negotiation procedure shall be applied.
3.7	Procurement Method: Two (2) stage procurement procedure shall be applied.
4	**Tender's obligations**

4.1	The following tenderers who are registered with the CIDB, or are capable of being so registered prior to the evaluation of submissions, are eligible to have their tenders evaluated: a) contractors who have 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) of 25(7A) of the Construction Industry Development Regulations, for a **CIDB 2GB or Higher** class of construction work; and Joint ventures are eligible to submit tenders provided that: 1. every member of the joint venture is registered with the CIDB; in GB class of works. 2. the combined contractor grading designation calculated in accordance with the Construction industry Development Regulations using the CIDB Joint Venture Calculator is equal to or higher than a contractor grading designation determined in accordance with the sum tendered for a CIDB **2GB or higher** class of construction work or a value determined in accordance with Regulation 25 (1B) of 25(7A) of the Construction Industry Development Regulations 3. Joint Venture Agreement. 4. Separate SBD 6.1, Specific Goals Claim form, POPIA act Forms with % split clearly indicated to be submitted for each JV partner.
4.2	The employer will compensate the tender as follows JBCC Edition 6.2 of 2018. The employer **will not** compensate the tenderer for any costs incurred in attending interviews or making any submissions in the office of the employer.
4.3	It is the responsibility of the tenderer to check the tender documents on receipt for completeness and notify the employer of any discrepancy or omission.
4.4	**Confidentiality and copyright of documents** Treat as confidential all matters arising in connection with the tender. Use and copy the documents issued by the employer only for the purpose of preparing and submitting a tender offer in response to the invitation.
4.5	Obtain, as necessary for submitting a tender offer, copies of the latest versions of standards, specifications, conditions of contract and other publications, which are incorporated into the tender documents by reference.
4.6	Acknowledge receipt of addenda to the tender documents, which the employer may issue, and, if necessary, apply for an extension to the closing time stated in the tender data, in order to take the addenda into account.
4.7	The arrangements for a compulsory clarification meeting are as stated in the Tender Notice and Invitation to Tender. Tenderers must sign the attendance list in the name of the tendering entity. Addenda will be issued to and tenders will be received only from those tendering entities appearing on the attendance list. **Tender documents will not be made available at the clarification meeting**
4.8	**Seek clarification** *Request clarification of the tender documents, if necessary, by notifying the employer at least **5 (Five) working days** **before the closing time stated in the tender data.***
4.9	Tenderers are required to state the rates and currencies in Rands. Include in the rates, prices, and the tendered total of the prices (if any), all duties, taxes which the law requires to be paid [except value added tax (VAT)], and other levies payable by the successful tenderer, that are applicable 14 days before the closing time stated in the tender data. Show the VAT payable by the employer separately as an addition to the tendered total of the prices. Provide rates and prices that are fixed for the duration of the contract and not subject to adjustment except as provided for in the conditions of contract identified in the contract data. State the rates and prices in monetary value of the contract unless otherwise instructed in the tender data.
4.10	Do not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer or to correct errors made by the tenderer and ensure that all signatories to the tender offer initial all such alterations. Do not make erasures using masking fluid.
4.11	Main tender offers are not required to be submitted together with alternative tenders.

4.12	No alternative tender offers will be considered
4.13.1	Parts of each tender offer communicated on paper shall be submitted as an original. Submit a) the parts of the tender offer communicated on paper as an original plus the number of copies stated in the tender data, with a translation of any documentation in a language other than the language of communication established in 3.5, and b) the parts communicated electronically by the employer of its agents on paper format with the tender.
4.13.2	Sign the original and all copies of the tender offer where required in terms of the tender data. State in the case of a joint venture which of the signatories is the lead partner whom the employer shall hold liable for the purpose of the tender offer. NOTE The employer holds all authorized signatories liable on behalf of the tenderer.
4.13.3	A tender security in the amount of **N/A** is required and shall remain valid for a period not exceeding N**/A** days after the closing date for tender offers. The form of the tender security shall not differ substantially from the sample provided in Annex D of SANS 10845-3.
4.13.4	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: **Tender / Bid identification details:** **Dora Nginza Hospital - Upgrades and additions to the existing Laundry: BID NO: SCMU3-25/26-0637-DNG** **Closing time and date: As per Tender advertisement**
4.13.5	**The tenderer is required to submit with his tender the following compulsory certificates:** **1) a copy of the CSD report showing, amongst other things, that tax matters of the service provider are in order with the South African Revenue Services. *In the case of a Joint Venture/Consortium/Sub-contractors each party must submit a separate* CSD report showing, amongst other things, that tax matters of the service provider are in order with the South African Revenue Services.** **2) CIDB Grading certificate or CRS number.** **3) COIDA Letter of Good standing from the Department of Labour and/or FEM** **4) Copy of the professional registration (OHS - SACPCMP registration) of the OHS Officer who must be employed for the duration of the contract on site (mandatory)**
4.13.6	A two-envelope procedure will not be required.
4.13.7	Telephonic, telegraphic, telex, facsimile or e-mailed tender offers will not be accepted. The tenderer accepts that the employer does not assume any responsibility for the misplacement or premature opening of the tender offer if the outer package is not sealed and marked as stated.
4.14	The closing time for submission of tender offers is as stated in the Tender Notice and Invitation to Tender. Ensure that the employer receives the tender offer at the address specified in the tender data not later than the closing time stated in the tender data. Proof of posting shall not be accepted as proof of delivery. Accept that, if the employer extends the closing time stated in the tender data for any reason, the requirements of the standard conditions of tender in this part of SANS 10845 apply equally to the extended deadline.
4.15.1	The tender offer validity period is **90 days**. Hold the tender offer(s) valid for acceptance by the employer at any time during the validity period stated in the tender data after the closing time stated in the tender data. If requested by the employer, consider extending the validity period stated in the tender data for an agreed additional period, with or without any conditions attached to such extension. Extend the period of the tender security, if any, to cover any agreed extension requested by the employer.
4.15.2	**Placing of contractors under restrictions / withdrawal of tenders**

	If any tenderer who has submitted a tender offer or a contractor who has concluded a contract has, as relevant: withdrawn such tender or quotation after the advertised closing date and time for the receipt of submissions; after having been notified of the acceptance of his tender, failed or refused to commence the contract; had their contract terminated for reasons within their control without reasonable cause; offered, promised or given a bribe in relation to the obtaining or the execution of such contract; acted in a fraudulent, collusive or anti-competitive or improper manner or in bad faith towards the Provincial Government; or, made any incorrect statement in any affidavit or declaration with regard to a preference claimed and is unable to prove to the satisfaction of the Provincial Government that the statement was made in good faith or reasonable steps were taken to confirm the correctness of the statements, such tenderer/s may be placed under restriction from tendering with the state. Procedures are outlined in the EC SCM Policy for Infrastructure procurement and Delivery Management and on **cidb** Inform Practice Note #30. Excerpts of the policy can be availed on request of any interested tenderer.
4.16	Access shall be provided for the following inspections, tests and analysis: **N/A**
4.17	The preferred tenderer will be required to submit an approved insurer undertaking to provide the Performance Bond / Guarantee / Surety / Security to the format and/or standard
5	**Employer's undertakings**
5.1	The Employer will respond to requests for clarification received up to **Five (5)** working days before the tender closing time. If, because of the issuing of addenda, it is necessary to extend the closing time stated in the tender data, grant such extension and notify all respondents accordingly.
5.2	The employer shall issue addenda until **Five (5)** working days before tender closing time.
5.3	Tenders will be opened immediately after the closing time for tenders at **11:00am hours.**
5.4	Do not disclose to tenderers, or to any person not officially concerned with such processes, information relating to the evaluation and comparison of tender offers, the final evaluation price and recommendations for the award of a contract, until after the award of the contract to the successful tenderer.
5.5	Determine, after opening and before detailed evaluation, whether each tender offer that was properly received a) complies with the requirements of the standard conditions of tender in this part of SANS 10845, b) has been properly and fully completed and signed, and c) is responsive to the other requirements of the tender documents. A responsive tender is one that conforms to all the terms, conditions, and scope of work of the tender documents, without material deviation or qualification. A material deviation or qualification is one which, in the employer's opinion, would d) detrimentally affect the scope, quality, or performance of the works, services or supply identified in the scope of work, e) significantly change the employer's or the tenderer's risks and responsibilities under the contract, or f) affect the competitive position of other tenderers presenting responsive tenders, if it were to be rectified. Reject a non-responsive tender offer, and do not allow it to be subsequently made responsive by correction or withdrawal of the non-conforming deviation or reservation.
5.6	**Arithmetical errors, omission and discrepancies** Check responsive tenders for discrepancies between amounts in words and amounts in figures. Where there is a discrepancy between the amounts in figures and the amount in words, the amount in words shall govern. For Vat related discrepancies, National and Provincial Treasury prescripts in relation to VAT procedures apply.
5.7.1	The financial offer will be reduced to a comparative basis using the Tender Assessment Schedule.

<table>
<tr><td></td><td>
Table F.1: Formulae for calculating the value of A
<table>
<tr><th>Formula</th><th>Comparison aimed at achieving</th><th>Option 1[a]</th><th>Option 2[a]</th></tr>
<tr><td>1</td><td>Highest price or discount</td><td>$A = \left(1 + \frac{(P - P_m)}{P_m}\right)$</td><td>$A = P/P_m$</td></tr>
<tr><td>2</td><td>Lowest price or percentage commission / fee</td><td>$A = \left(1 - \frac{(P - P_m)}{P_m}\right)$</td><td>$A = P_m/P$</td></tr>
<tr><td>a</td><td colspan="3">P_m is the comparative offer of the most favourable comparative offer.
P is the comparative offer of the tender offer under consideration.</td></tr>
</table>
</td></tr>
<tr><td>5.7.2</td><td>The procedure for the evaluation of responsive tenders is Method 2: Administrative compliance, Functionality, Price and Specific Goals
Stage 1: Administrative compliance
Stage 2: Functionality: Technical capability, resources & LED (Local Economic Development)
Stage 3: Price and specific goals (80/20 system)</td></tr>
<tr><td></td><td>1. <u>STAGE ONE: ADMINISTRATIVE COMPLIANCE -</u> Compliance <u>with Mandatory returnable requirements and Special Bid Conditions</u>

The elimination criteria for STAGE 1: ADMINISTRATIVE: Compliance with Mandatory returnable requirements and Special Bid Conditions as listed in the Part T2 Returnable Checklist.</td></tr>
<tr><td></td><td>2. <u>STAGE TWO: FUNCTIONALITY</u>

Stage 2: Functionality: Technical capability, resources & LED (Local Economic Development) Minimum threshold score = 70/100 as listed in the Part T2 Returnable Checklist.</td></tr>
<tr><td></td><td>3. <u>STAGE THREE: EVALUATION POINTS ON PRICE AND SPECIFIC GOALS / PPPFA OF 2022</u>
The 80/20 preference point system shall be applied for the purposes of this bid as per the requirements of the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000) and PPPFA Regulations of 2022

<table>
<tr><th>Criteria</th><th>Points</th></tr>
<tr><td>POINTS ON PRICE</td><td>80</td></tr>
<tr><td>POINTS FOR SPECIFIC TARGETED GOALS</td><td>20</td></tr>
<tr><td>TOTAL</td><td>100</td></tr>
</table>
The 80/20 preference point system for acquisition of services, works or goods equals or is less than Rand value of R50 million:
(a) The following formula must be used to calculate the points for price in respect of tenders (including price quotation) with a Rand value equal to, or above R 30 000 and up to Rand value of R 50 000 000 (all applicable taxes included):
The financial offer will be scored using the following formula:
A = (1 - (<u>P - Pm</u>))
Pm
The value of value of W_1 is:
1) 90 where the financial value inclusive of VAT of all responsive tenders received have a value in excess of R50 000 000 or
2) 80 where the financial value inclusive of VAT of one or more responsive tender offers have a value that equals or is less than R 50 000 000.</td></tr>
<tr><td>5.7.3</td><td>The procedure for the evaluation of responsive tenders is Method 2: Administrative compliance, Functionality, Price and Specific Goals</td></tr>
</table>

5.7.4	The **functionality** criteria and maximum score in respect of each of the criteria **are as listed in the Part T2 Returnable Checklist.**
5.7.5	Each evaluation criteria will be assessed **as listed in the Part T2 Returnable Checklist.**
5.7.6	The prompts for judgment and the associated scores used in the evaluation of **functionality** shall be **as listed in the Part T2 Returnable Checklist.**
5.8	**Tender offers will only be accepted if:** a) the tenderer is registered on the Central Supplier Database (CSD) for the South African government (see https://secure.csd.gov.za/) unless it is a foreign supplier with no local registered entity b) the tenderer is in good standing with SARS according to the Central Supplier Database. Bidders must submit a CSD no. or tax status compliance pin. c) the tenderer is registered with the Construction Industry Development Board in an appropriate contractor grading designation; d) the tenderer or any of its directors/shareholders is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector. e) the tenderer has not: i) abused the Employer's Supply Chain Management System; or ii) failed to perform on any previous contract and has been given a written notice to this effect. f) the tenderer has completed the Compulsory Declaration and there are no conflicts of interest which may impact on the tenderer's ability to perform the contract in the best interests of the employer or potentially compromise the tender process. g) the tenderer has completed the Compulsory Enterprise Questionnaire and there are no conflicts of interest which may impact on the tenderer's ability to perform the contract in the best interests of the employer or potentially compromise the tender process and persons in the employ of the state are permitted to submit tenders or participate in the contract. h) Bids which are late, incomplete, unsigned or submitted by facsimile or electronically will not be accepted. i) the tenderer is registered and in good standing with the compensation fund or with a licensed compensation insurer. j) the employer is reasonably satisfied that the tenderer has in terms of the Construction Regulations, 2014, issued in terms of the Occupational Health and Safety Act, 1993, the necessary competencies and resources to carry out the work safely. A letter of Good Standing from the Labour Department is a compulsory mandatory requirement. k) the tender has offered a market related offer. If the offer is believed not to be market related, the department through its Supply Chain Management bid committees will attempt to negotiate the offer with identified bidder/s to a reasonable amount. Bidders are not allowed to increase their tender offers during this process. l) A Resolution of signatory form has been completed and signed by director/s or a letter bearing a letterhead of the tenderer has been attached (specific to this bid) to the bid submission; it must be duly signed by all directors and submitted the bid. Only a duly authorized official can sign the bid. m) Prospective bidders must register on CSD prior submitting bids (open tenders). Any prospective bidder found to have Tax matters not in order with SARS (verified through CSD) during the evaluation process (after being given an opportunity to rectify tax matters) will be eliminated and not be considered further in the process. Preferred bidder/s will be afforded an opportunity to rectify their tax affairs within 7 days. A bidder that fails to rectify its tax matters with SARS will be eliminated. n) **NOTE:** The amount reflected on the Form of Offer and Acceptance takes precedence over any other total amount indicated elsewhere in bidder's tender submission. If the Form of Offer and Acceptance has no value or figure, the bidder will be regarded as having made no offer. o) The department reserves the right not to award the bid to the most favourable tenderer, if any of the situations occur: if it is not assisting in the advancement of designated groups; risk profile of

	the favourable firm is too high; the bidder has been awarded a considerable number of projects by the department or provincial government; has performed unsatisfactorily in the past, etc. p) Bids shall not be awarded to Bidders appearing on the Health Department and/or National/Provincial Treasury Defaulters List q) The Tender is to provide the following in respect of the specialist's subcontractor's **as listed in the Part T2 Returnable Checklist.** r) n the event where the recommended Bidder has failed to comply with the conditions as set out in the letter of award, the client shall notify the recommended Bidder of his/her failure to comply and recommend for award the next bidder that scored the highest points. The Conditions as set out in the letter of award are as follow: 1. Proof of having All risk, public liability and support insurances as stipulated in the contract. 2. Submission of a Construction Safety, Health and Environmental Plan. 3. Construction Guarantee (10% fixed Construction Guarantee)
5.9	The number of paper copies of the signed contract to be provided by the employer is 1.
	The additional conditions of tender are: • Wherever a brand name is specified in this document (i.e., specifications, pricing schedule, bill of quantities or anywhere), the department requires an item similar/equivalent or better.
T.2.1	***A. List of returnable documents***
1	**Documentation to demonstrate eligibility to have tenders evaluated i.e.** • **As listed in the Part T2 Returnable Checklist**
2	**Returnable Schedules required for tender evaluation purposes.** • **As listed in the Part T2 Returnable Checklist**
3	**Other documents required for tender evaluation purposes.** • **As listed in the Part T2 Returnable Checklist**
4	Only authorized signatories may sign the original and all copies of the tender offer where required. In the case of a ONE-PERSON CONCERN submitting a tender, this shall be clearly stated. In the case of a **COMPANY** submitting a tender, include a copy of a **resolution by its board of directors** authorizing a director or other official of the company to sign the documents on behalf of the company. In the case of a **CLOSE CORPORATION** submitting a tender, include a copy of a **resolution by its members** authorizing a member or other official of the corporation to sign the documents on each member's behalf. In the case of a **PARTNERSHIP** submitting a tender, **all the partners** shall sign the documents, unless one partner or a group of partners has been authorized to sign on behalf of each partner, in which case **proof of such authorization** shall be included in the Tender. In the case of a **JOINT VENTURE/CONSORTIUM** submitting a tender, include **a resolution of each company** of the joint venture together with a **resolution by its members** authorizing a member of the joint venture to sign the documents on behalf of the joint venture. **Accept that failure to submit proof of authorization to sign the tender shall result in the tender offer being regarded as non-responsive.**
5	**Information and data to be completed in all respects** Accept that tender offers, which do not provide all the data or information requested completely and, in the form, required, may be regarded by the employer as nonresponsive.
6	**Canvassing and obtaining of additional information by tenderers**

	The Tenderer shall not make any attempt either directly or indirectly to canvass any of the Employer's officials or the Employer's agent in respect of his tender, after the opening of the tenders but prior to the Employer arriving at a decision thereon. The Tenderer shall not make any attempt to obtain particulars of any relevant information, other than that disclosed at the opening of tenders.
7	**Prohibitions on awards to persons in service of the state** The Employer is prohibited to award a tender to a person - a) who is in the service of the state; or *b)* if that person is not a natural person, of which any director, manager, principal shareholder or stakeholder is a person in the service of the state; or *c)* a person who is an advisor or consultant contracted with the Department or municipal entity. **In the service of the state** means to be - a) a member of:- *a* any municipal council; *b* any provincial legislature; or *c* the National Assembly or the National Council of Provinces; *d)* a member of the board of directors of any municipal entity; *e)* an official of any Department or municipal entity; *f)* an employee of any national or provincial department; *g)* provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999); *h)* a member of the accounting authority of any national or provincial public entity; or *i)* an employee of Parliament or a provincial legislature. In order to give effect to the above, the questionnaire for the declaration of interests in the tender of persons in service of state in part T2 of this procurement document must be completed.
8	**Awards to close family members of persons in the service of the state** Accept that the notes to the Employer's annual financial statements must disclose particulars of any award of more than R2000 to a person who is a spouse, child, or parent of a person in the service of the state (defined in clause 8 above), or has been in the service of the state in the previous twelve months, including - *a)* the name of that person; *b)* the capacity in which that person is in the service of the state; and *c)* the amount of the award. In order to give effect to the above, the questionnaire for the declaration of interests in the tender of persons in service of state in part T2 of this procurement document must be completed.
9	**Respond to requests from the tenderer** The employer will respond to requests for clarification up to **5 (five) working days** before the tender closing time.
10	**Opening of tender submissions** Tenders will be opened immediately after the closing time for tenders
11	**Scoring quality / functionality:** Not applicable to this tender
12	**Cancellation and re-invitation of tenders** An organ of state may, prior to the award of the tender, cancel the tender if- (a) due to changed circumstances, there is no longer a need for the services, works or goods requested; or

	(b) funds are no longer available to cover the total envisaged expenditure; or (c) no acceptable tenders are received. (d) Tender validity period has expired. (e) Gross irregularities in the tender processes and/or tender documents. (f) No market related offer received (after attempts of negotiation processes) Where applicable, the decision to cancel the tender will be published in on the Tender Notice Board of the SCM Department and if applicable, on the CIDB website and in the Tender Bulletin or the media in which the original tender invitation as advertised.
13	Dispute resolution mechanism will be done through the SCM Department and thereafter the **Adjudication** route**.**
14	The department, when it takes action against the tenderer or person awarded the contract on a fraudulent basis, considers the provisions of Regulation 14: The remedies provided for in Preferential Procurement Regulations 2022 do not prevent an institution from instituting remedies arising from any other prescripts or contract.
15	Where the employer terminates the contract due to default of the contractor in whole or in part, the employer may decide to: a) Refer the breach in contract to the **CIDB** for investigation as a breach of the **CIDB Code of Conduct** in terms of the **CIDB Regulations**; or b) may impose a restriction penalty on the contractor in terms of Section 14 of the Preferential Procurement Regulations. The outcomes of such investigations in terms of both the CIDB Regulations and the Preferential Procurement Regulations may prohibit the contractor from doing business with the public sector for a period not exceeding 10 years.

PART T2
RETURNABLE DOCUMENTS

PART T2.1: LIST OF RETURNABLE DOCUMENTS TO BE SUBMITTED WITH BID:

The list contains mandatory & non-mandatory documents & schedules to be completed as portfolio of evidence to determine administrative compliance, achieving the functionality score threshold, and calculation of Price and Specific Goals points

Stage 1: Administrative compliance

Stage 2: Functionality: Technical capability, resources & LED (Local Economic Development)

Stage 3: Price and specific goals (80/20 system)

The bidder shall not proceed to the next stage of evaluation if the bidder fails to comply with the requirements for each stage as listed here below:

STAGE 1: ADMINISTRATIVE COMPLIANCE & SPECIAL BID CONDITIONS (ELIMINATION CRITERIA)					
	PAGE NO.	**DESCRIPTION**	**YES**	**NO**	**NA**
1.	19	SBD 1 Part of invitation to bid and terms and conditions for bidding – *completed in full and signed* **(mandatory)**			
2.	25	Compulsory enterprise questionnaire (In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted). **(mandatory)**			
3.	26	SBD 4 Declaration of interest - *completed in full and signed* **(mandatory)**			
4.	28	Record of addenda issued (Only if addenda is issued) - *completed in full and signed* **(mandatory)**			
5.	29	Proposed amendments and qualifications - *completed in full and signed* **(mandatory)**			
6.	30	Resolution for Signatory - *completed in full and signed* **(mandatory)**			
7.	31	Certificate of authority for joint ventures (Only where the tender/ quotation is submitted by a joint venture) - *completed in full and signed* **(mandatory)**			
8.	49	Proof of Registration on the National Treasury Central Supplier Data Base (CSD) Full CSD report) **(mandatory)**			
9.	50	Valid CIDB Certificate of Tenderer **(mandatory)**			
10.	51	Valid Department of Labour COIDA or FEM Letter of Good Standing Certificate **(mandatory)**			
11.	53	Copy of the professional registration certificate **(OHS - SACPCMP registration)** of the OHS Officer who must be employed for the duration of the contract on site **(mandatory)**			
12.	66	Part C1.1 Form of Offer and Acceptance - *completed in full and signed* **(mandatory)**			
13.	69	Part C1.2 Contract Data - *completed in full and signed* **(mandatory)**			
14.	101	Part C2.2 Bills of Quantities (All sections, including P&G's fully priced) **(Handwritten Priced. Not typed) (mandatory)**			
15.	34	Particulars of specialist subcontractors**: Electrical Installation** (Copy of quotation attached) - *completed in full and signed* **(mandatory)**			
16.	35	Particulars of specialist subcontractors: **Mechanical Ventilation Installation** (Copy of quotation attached) - *completed in full and signed* **(mandatory)**			

17.	37	Particulars of specialist subcontractors: **Plumbing specialized sanitary ware**. (Copy of quotation attached) *completed in full and signed* **(mandatory)**			
18 .	To be signed on site	Bidder attended the Compulsory on-site tender briefing session **(Bidder signed the attendance Register)**			
Bidder complies with Stage 1 (to be completed by SCM)					
Bidder fails to comply with Stage 1 (to be completed by SCM)					

Stage 2: Functionality: Technical capability, resources & LED (Local Economic Development) Minimum threshold score = 70/100

	PAGE NO.	**DESCRIPTION**	**Max points**	**Points scored (**to be completed by SCM)
1.	60	List of Projects completed of a similar nature **(Clinics, medical facilities, mortuaries and hospitals)** with details of the Clients, Scope, Values, and dates of completion, with copies of **Practical, Works and or Final Completion Certificates** attached as Portfolio of evidence. **3 x CERTIFICATES = 30 points** **2 x CERTIFICATES = 20 points** **1 x CERTIFICATE = 10 points**	**30**	
2.	61	List of resources: Licensed motorized vehicles, trucks, machinery equipment to execute the service.	**10**	
3.	62	List of resources: Construction labour forecast schedule	**10**	
4.	54	Copy of a quotation from an approved accredited financial service provider for a **fixed construction guarantee to the value of 10% of the Tender Offer.**	**20**	
5.	55	LED (Local Economic Development): Portfolio of evidence of having a full-time operational business premises in Gqeberha (Copy of Municipal Account or Lease Agreement showing address)	**30**	
Points scored by Bidder for Stage 2: Functionality			**100**	
Bidder complies with minimum threshold score = 70/100				
Bidder fails to comply with minimum threshold score = 70/100				

Notes:

Stage 3: Price and specific goals (80/20 system)

	PAGE NO.	**DESCRIPTION**	**Max points**	**Points scored** (to be completed by SCM)

1.	42	SBD 6.1 PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022	**20**	
2.		POINTS FOR PRICE	**80**	
Total Points for Stage 3: Price and specific goals (80/20 system)			**100**	

NAME OF BIDDER:……

……

SIGNATURE OF BIDDER: **DATE:**

…… **……**

CAPACITY UNDER WHICH THIS BID IS SIGNED: ……
(Proof of authority must be submitted e.g., company resolution)

PART T2.1: LIST OF RETURNABLE DOCUMENTS

As listed in the Part T2 Returnable

SBD 1 – PART A - INVITATION TO BID / QUOTE

PART A

SBD 1

INVITATION TO BID / QUOTE

CSD registered service providers (CIDB Grading of 2GB Contractor or higher) are hereby invited to bid for the services required by the Eastern Cape Department of Health					
BID NUMBER:	**SCMU3-25/26-0637-DNG**	CLOSING DATE:	**Tuesday 07 April 2026**	CLOSING TIME:	**11:00**
Compulsory Site briefing meeting	**Friday 27 March 2026 @ 11h00 at the Existing Laundry Building, Dora Nginza Hospital**				
DESCRIPTION:	**Nginza Hospital - Upgrades and additions to the existing Laundry**				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT					
EASTERN CAPE DEPARTMENT OF HEALTH: SUPPLY CHAIN OFFICES - DORA NGINZA HOSPITAL, GQEBERHA					

BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:		**TECHNICAL ENQUIRIES MAY BE DIRECTED TO:**	
CONTACT PERSON	**Mr Skhumbuzo Malkumese**	CONTACT PERSON	**Mr Skhumbuzo Malkumese**
E-MAIL ADDRESS	**skhumbuzo.malkumese@echealth.gov.za**	E-MAIL ADDRESS	**skhumbuzo.malkumese@echealth.gov.za**

SUPPLIER INFORMATION					
NAME OF BIDDER **(Entity as registered on CSD)**					
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

An SBD 6.1 PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022 IS TO BE SUBMITTED TO CLAIM DEPARTMENTAL SPECIFIC GOAL POINTS

a) Service providers must submit proof of its Specific Goals points claimed / status of contributor.

b) The Specific Goals supporting documents required to verify claimed points are in line with the specified requirements include:

- *Historically Disadvantaged Individuals Ownership: Proof of ownership (CIPRO certificate) with id no.*
- *Women Ownership: Ownership: Proof of ownership (CIPRO certificate) with id no.*
- *Youth Ownership: Ownership: Proof of ownership (CIPRO certificate) with id no.*
- *Disability Ownership: Proof of ownership (CIPRO certificate) with valid medical documentary proof.*
- *Military Veterans Ownership: Proof of ownership (CIPRO certificate) with valid proof of veteran status.*
- *Locality Ownership: Proof of business address (municipal account or valid lease agreement)*
- *Updated CSD report*

NAME OF BIDDER (Entity as registered on CSD)			
Ownership Details (as registered on CSD)			
Name & Surname	***Describe Category of Ownership (HDI. Women, Youth, Disabled, Military Veteran)***	***ID No.***	***% Percentage of Ownership***
TOTAL OWNERSHIP AS REGISTERED ON CSD			

NAME OF BIDDER:……

……

SIGNATURE OF BIDDER: **DATE:**

…… **……**

CAPACITY UNDER WHICH THIS BID IS SIGNED: ……
(Proof of authority must be submitted e.g., company resolution)

PART B

TERMS AND CONDITIONS FOR BIDDING: SCMU3-25/26-0637-DNG

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, 2022, 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.**

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 SUBMISSION OF A COIDA or FEM LETTER OF GOOD STANDING FROM DEPARTMENT OF LABOUR IS MANDATORY

2.6 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED; EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.

2.7 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.

2.8 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."

3. SPECIAL CONDITIONS OF BID

Bid submissions must meet the following special conditions and supporting documents must be submitted with the completed bid document. Failure to comply will automatically eliminate the bid for further consideration:

1. This Document must be submitted in its original format.
2. Bids which are late, incomplete, unsigned or submitted by facsimile or electronically, will not be accepted.
3. Bidders must be registered with CIDB in the correct grading and class of works as per the tender notice and requirements and the status on CIDB must be active during award stage. It is the responsibility of the bidder to keep the status on CIDB active throughout the bidding process (advert till award stage).
4. Bidders must be a legal entity. The CSD report will be used to confirm the legal status.
5. The procedure for the evaluation of responsive tenders is Method 2: Administrative compliance, Functionality, Price and Specific Goals

   Stage 1: Administrative compliance

   Stage 2: Functionality: Technical capability, resources & LED (Local Economic Development)

   Stage 3: Price and specific goals (80/20 system)
6. The elimination criteria for STAGE 1: ADMINISTRATIVE COMPLIANCE & SPECIAL BID CONDITIONS is listed in the Part T2 Returnable Checklist.
7. Stage 2: Functionality: Technical capability, resources & LED (Local Economic Development) Minimum threshold score = 70/100 as listed in the Part T2 Returnable Checklist.
8. Compulsory Enterprise Questionnaire (Completed and signed) (JV partners must complete separate Questionnaire forms and submit) (% split to be indicated for each JV partner)
9. If the offer is "Vat Inclusive", the VAT registration number of service provider must be indicated and if a service

provider is not a VAT Vendor but include VAT in its prices, the successful service provider will be given 21 days to register as a VAT Vendor with SARS, after the issuing of an appointment letter. If a bidder is a VAT vendor/registered, the bidder is required to explicitly state the VAT amount. VAT vendors must include VAT at 15% in the bid offer(s).

10. The information contained in this tender document is available on computer software and can be supplied via E-mail after the compulsory pre-tender site meeting via DoH Supply Chain Unit; it is the responsibility of the tenderer to ensure that the information received via these media is correct and consistent with the actual printed documents or addendum(s) issued to each tenderer. In the event of any differences between the printed tender documents or e-mailed addendum(s) issued to tenderers and similar information provided by E-mail the former will always be regarded as correct. It is the tenderers responsibility to check all formulae and extensions etc. in the excel Bills of Quantities (Main and M&E)
11. Due Diligence In-Loco Inspection of the Bidder / or JV will be caried out as part of the Stage 1 Administrative compliance evaluation. As part of its due diligence obligations, the Department of Health reserves the right to do an In-Loco inspection of the offices and premises of the Bidder / or JV to verify the following:
12. The existence of the business enterprise as declared on the SBD1 form.
13. The existence of the resources including plant & equipment, to render the services.
14. The existence of projects completed by the bidder/JV as declared.
15. As part of the due diligence obligations, a Technical Risk analysis of all bids including the Bills of Quantities will be carried out by the Bid Evaluation Committee with the support of the Built Environment Professional Team, to check for mistakes in the Pricing schedules, BOQ's, inconsistencies, misrepresentations, and to confirm whether the tender price submitted is market related and does not pose a commercial risk to the Client.
16. In the event where the Technical Risk Analysis of the bidder who scored the highest points, indicates a commercial risk to the Client, the Client reserves the right to award the Bid to the next highest scorer of Bid points.
17. The Technical Risk Analysis and In-Loco inspections can be carried out anytime during or after Stages 1&2 evaluation, before award.
18. This review and analysis of the priced Bills of Quantities forms part of the process of balancing the priced Bills of Quantities received from bidders considered for award, which is a suspensive condition for award and contract signing. In the event where the analysis of the Bills of Quantities and In-Loco Inspections find inconsistencies and misrepresentation in terms of what has been declared in the Bid submission, the Bidder may be:
    - eliminated and not be eligible to be evaluated under Stage 2 Price & Specific goals.
    - notified of such inconsistencies and or misrepresentations in writing and allowed 7 (seven) days to rectify and or clarify such.
19. In the event where the recommended Bidder has failed to comply with the conditions as set out in the letter of award, the client shall notify the recommended Bidder of his/her failure to comply and recommend for award the next bidder that scored the highest points. The Conditions as set out in the letter of award are as follow:

    i. Proof of having All risk, public liability and support insurances as stipulated in the contract.
    ii. Submission of a Construction Safety, Health and Environmental Plan.
    iii. Contract Guarantee (10% fixed construction guarantee)

20. An appointment letter/acceptance letter does not constitute a contract or commencement date of a contract. The recommended Bidder is required to sign an official contract with the Department.
21. JBCC 6.2 State Clauses apply to this Bid & Contract.
22. Bids shall not be awarded to Bidders appearing on the Health Department and/or National/Provincial Treasury Defaulters List.
23. The following governs the employment of SMME subcontractors:

    1. SMME Subcontract

    The Contractor shall appoint all SMME subcontractors as domestic subcontractors in terms of an agreement that provides for fair and equitable conditions of contract compatible with the JBCC PBA Edition 6.2 (May 2018). All work and the associated risks related to SMME subcontractors shall be the direct responsibility of the Contractor.

    2. SMME Subcontract Target

    Thirty Percent (30%) of the Tender Value (excluding Socio Economic Value, CPAP/escalation, Contingency, OHS, Preliminaries, CIDB B.U.I.L.D Program and Value-Added Tax (VAT)) must be executed by SMMEs. It is compulsory for the Principal Contractor to achieve this target as the principal contractor's performance against this target will be monitored.

Contractors will be required to supply verified monthly statements/schedules (verified by their auditors) indicating the % achieved for that month. A cumulative schedule also needs to be maintained for each month that has passed.

3. A SMME subcontractor is defined as follows:
   - A targeted enterprise;
   - A business concern operating in any business sector and which complies with the qualitative and quantitative criteria outlined in the Schedule contained in the National Small Business Act (Act No. 102 of 1996);
   - An entity which must have an active registration status with the CIDB, targeted CIDB Grade designations 1 to 6;
4. Procurement and contracting of SMME subcontractors

The Appointed contractor must take note that the P&G main section document allow for the appointment of an SMME Mentor or Mentors if more than one are require.

After the Award of the Contract, the Contractor will have to start the process of procuring and subcontracting SMME subcontractors to achieve the tendered SMME Participation Goal of 30%. This contracting process for subcontracting SMMEs must commence after the commencement of the Contract Period and shall be completed prior to the commencement of the Construction Period. It is a condition that the Employer shall not give the Contractor possession of site until the above process of the appointment of SMME subcontractors is complete. The Contractor shall take due cognisance to also programme this SMME contracting process in its detailed construction programme.

The SMME Subcontractors must be procured as follows:

4.1. The identification of potential SMME's subcontractors to tender for the SMME packages shall be determined by the recognized community representatives/ structures, involving but not be limited by the Local Ward Councillor, the Social Facilitator and the PSC.

4.2. A competitive tender process obtaining at least three tenders from SMME subcontractors for each SMME package.

4.3. The SMME package documents will be prepared by the representative PSPs in conjunction with the Contract. The PSP's will provide the measured works portion of the tender document, to which the Contractor shall include his conditions of subcontract and requirements.

4.4. The tender documents will issued to the SMME subcontractors to tender.

4.5. The Contractor shall facilitate a mandatory briefing session with the invited SMME subcontractors. The briefing session must be attended by the representative PSP's including the OHS Agent and social facilitator.

4.6. The Contractor shall provide assistance to the prospective SMMES and ensure;

4.6.1. They understand the liabilities and responsibilities of the subcontract.
4.6.2. Scope of the SMME package
4.6.3. Procedures for submitting tenders.
4.6.4. Understanding the pricing and implications of the tendered rates.
4.6.5. Procedures and basis of tender adjudication.
4.6.6. Subcontract conditions and implications when awarded.

4.7. Adjudication

4.7.1. Contractor to receive all tenders at a specific location, in sealed tender submissions, placed in a tender box provided by the Contractor prior to the closing date and time. Late tenders will not be considered.

4.7.2. Contractor to maintain a tender submission register, recording tender receipt.

4.7.3. Tenders to be evaluated by the Contractor in terms of the tender conditions and submit a draft tender evaluation to the PA within 5 working days of the closing of tenders.

4.7.4. The PA will have the right to

4.7.4.1. Interview the tenderer

4.7.4.2. Clarify any aspect of the tender

4.7.4.3. Verify the eligibility of the tenderer

4.7.4.4. Conduct a rate analysis to clarify rates and prices.

4.7.5. The Contractor shall provide reasonable opportunity to tenderers, to correct patent errors, without altering the total tendered sum.

4.8. Award of tender

The Contractor shall

4.8.1. Notify unsuccessful tenderers

4.8.2. Award/ appoint the SMME subcontractor

4.8.3. Compile and sign the SMME subcontract agreements.

24. Wherever a brand name is specified in this document (i.e. specifications, pricing schedule, bill of quantities or anywhere), the department requires an item similar/equivalent or better.

25. Protection of personal information: Consent (POPIA)

26. The successful tenderer (after being informed) will be required to bring along an unsigned copy of the form of contract to be signed by parties (e.g. JBCC Edition 6.2 of 2018)

27. A fixed construction guarantee of 10% must be provided as security, in the event that the considered bidder fails to provide this security, the client will consider the next highest scoring bidder for consideration.

28. Bidders are required to provide information in respect of the specialists' subcontractor's as listed in the Part T2.1 List of returnable documents.

SIGNATURE OF BIDDER: DATE:

…… ……

CAPACITY UNDER WHICH THIS BID IS SIGNED: ……
(Proof of authority must be submitted e.g., company resolution)

Compulsory Enterprise Questionaire

Compulsory Enterprise questionnaire

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

Section 1: Name of enterprise: . . . . . .

Section 2: VAT registration number, if any: . . . . . .

Section 3: CIDB registration number, if any: . . . . . .

Section 4: Particulars of sole proprietors and partners in partnerships

Name*	**Identity number***	**Personal income tax number***

***** *Complete only if sole proprietor or partnership and attach separate page if more than 3 partners*

Section 5: Particulars of companies and close corporations

Company registration number . . . . . .

Close corporation number . . . . . Tax reference number . . . . . .

Section 6: The attached SBD 4 must be completed for each tender and be attached as a tender requirement.

Section 7: The attached SBD 6.1 must be completed for each tender and be attached as a requirement.

The undersigned, who warrants that he / she is duly authorized to do so on behalf of the enterprise:

i) authorizes the Employer to obtain a tax clearance certificate from the South African Revenue Services that my / our tax matters are in order;

ii) confirms that the neither the name of the enterprise or the name of any partner, manager, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears on the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004; iii) confirms that no partner, member, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears, has within the last five years been convicted of fraud or corruption;

iv) confirms that I / we are not associated, linked or involved with any other tendering entities submitting tender offers and have 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; and

iv) confirms that the contents of this questionnaire are within my personal knowledge and are to the best of my belief both true and correct.

Signed ..... Date .....

Name ..... Position .....

SBD 4

BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. Bidder's declaration

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest[1] in the enterprise, employed by the state? **YES/NO**

2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	**Identity Number**	**Name of State institution**

2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES/NO**

2.2.1 If so, furnish particulars:
……
……

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? **YES/NO**

2.3.1 If so, furnish particulars:
……

[1] ***the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.***

……

3 DECLARATION

I, the undersigned, (name)…… in submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

3.1 I have read and I understand the contents of this disclosure;

3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;

3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium[2] will not be construed as collusive bidding.

3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.

3.4 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.

3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.

3.6 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.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

……	……
Signature	Date
……	……
Position	Name of bidder

[2] 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.

RECORD OF ADDENDA TO BID DOCUMENTS

BID DESCRIPTION	**Dora Nginza Hospital - Upgrades and additions to the existing Laundry:**
SCMU NUMBER	**BID NO: SCMU3-25/26-0637-DNG**

I / We confirm that the following communications received from the Department of Health before the submission of this tender offer, amending the tender documents, have been taken into account in this bid offer: (Attach additional pages if more space is required) Dora Nginza Hospital - Upgrades and additions to the existing Laundry: BID NO: SCMU3-25/26-0637-DNG

Item	Date	Title or Details	No. of Pages
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Attach additional pages if more space is required.

Signed ..... Date .....

Name ..... Position .....

Tenderer .....

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.

BID DESCRIPTION	**Dora Nginza Hospital - Upgrades and additions to the existing Laundry:**
SCMU NUMBER	**BID NO: SCMU3-25/26-0637-DNG**

Page	**Clause /Item**	**Proposal**
The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the tenderer are within my personal knowledge and are to the best of my knowledge both true and correct		

Signed _____ Date _____

Name _____ Position _____

Enterprise name

_____

RESOLUTION FOR SIGNATORY

BID DESCRIPTION	**Dora Nginza Hospital - Upgrades and additions to the existing Laundry:**
SCMU NUMBER	**BID NO: SCMU3-25/26-0637-DNG**

A: **CERTIFICATE OF AUTHORITY FOR SIGNATORY**

Signatory for companies shall confirm their authority hereto by attaching a duly signed and dated copy of the relevant resolution of the board of directors to this form or on company letter head.

An example is given below:

"By resolution of the board of directors passed at a meeting held on _____

Mr/Ms_____, whose signature appears below, has been duly authorised to

sign all documents in connection with the tender for Contract No. _____

and any Contract which may arise there from on behalf of (Block Capitals) _____

_____

_____

SIGNED ON BEHALF OF THE COMPANY: _____

IN HIS/HER CAPACITY AS: _____

DATE:_____

SIGNATURE OF SIGNATORY: _____

WITNESSES:

DIRECTOR (NAMES)		SIGNATURE	
DIRECTOR (NAMES)		SIGNATURE	
DIRECTOR (NAMES)		SIGNATURE	
DIRECTOR (NAMES)		SIGNATURE	
DIRECTOR (NAMES)		SIGNATURE	
DIRECTOR (NAMES)		SIGNATURE	

If you cannot complete this form, attach a separate sheet (in a company letter head, project specific and signed by all directors):

CERTIFICATE OF AUTHORITY FOR JOINT VENTURES

This Returnable Schedule is to be completed by joint ventures. We, the undersigned, are submitting this tender offer in Joint Venture and hereby authorize Mr/Ms . . . ., authorized signatory of the company . . . . , acting in the capacity of lead partner, to sign all documents in connection with the tender offer and any contract resulting from it on our behalf.

BID DESCRIPTION	**Dora Nginza Hospital - Upgrades and additions to the existing Laundry:**
SCMU NUMBER	**BID NO: SCMU3-25/26-0637-DNG**

NAME OF FIRM	**PERCENTAGE SPLIT IN CONSORTIA/JV AS PER CONSORTIA/JV AGREEMENT AND SPECIFIC GOAL POINTS CLAIMED**	**ADDRESS**	**DULY AUTHORISED SIGNATORY**
Lead partner: ……. .	……%		Signature. . ……... . . . . . . Name …….... Designation……
…… … .	……%		Signature. . ……... . . . . . . Name …….... Designation……
…… … .	……%		Signature. . ……... . . . . . . Name …….... Designation……
…… … .	……%		Signature. . ……... . . . . . . Name …….... Designation……

SCHEDULE OF PROPOSED SUBCONTRACTORS

BID DESCRIPTION	**Dora Nginza Hospital - Upgrades and additions to the existing Laundry:**
SCMU NUMBER	**BID NO: SCMU3-25/26-0637-DNG**

We notify you that it is our intention to employ the following Subcontractors for work in this contract. The Subcontractors will all be CIDB registered and their CIDB Registration number shall be submitted below. This should also be declared on **SBD 6.1 form.**

If we are awarded a contract, we agree that this notification does not change the requirement for us to submit the names of proposed subcontractors in accordance with requirements in the contract for such appointments. If there are no such requirements in the contract, then your written acceptance of this list shall be binding between us.

We confirm that all subcontractors who are or to be contracted are registered on Central Supplier Database (CSD).

No.	**Name and address of proposed Subcontractor**	**Sub-Contractor CIDB Grading**	**Sub-Contractor CIDB No.**	**Nature, extent of work, Year completed, Value of sub-contract**	**Contact details:** **Name of person and phone No.**
1					
2					
3					

4					
The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the tenderer are within my personal knowledge and are to the best of my knowledge both true and correct					

Signed _____ Date _____

Name _____ Position _____

Enterprise name

_____

PARTICULARS OF SPECIALIST SUBCONTRACTOR: ELECTRICAL INSTALLATION

Project Name:	**Dora Nginza Hospital - Upgrades and additions to the existing Laundry:**
Tender No:	**BID NO: SCMU3-25/26-0637-DNG**

Name of Specialist Subcontractor:	
Address:	
Specialist Subcontractor registration number: if applicable	
Registration body/ association:	

Bidders are required to provide contactable references as below.

NAME OF EMPLOYER	NAME OF PROJECT	CONTRACT PERIOD (Start and End Date)	VALUE OF WORK	REFERENCE NAME AND CONTACT NUMBER

Quotation attached (Mark with a X)	Yes	No
We have in-house specialists to execute the works and have attached detailed breakdown of the costs hereto	Yes	No
Specialist Subcontractors CV attached. (Mark with a X)	Yes	No

Signed …….. Date ……

Name …… Position ……

Tenderer……
…

PARTICULARS OF SPECIALIST SUBCONTRACTOR: MECHANICAL VENTILATION SYSTEMS

Project Name:	**Dora Nginza Hospital - Upgrades and additions to the existing Laundry:**
Tender No:	**BID NO: SCMU3-25/26-0637-DNG**

Name of Specialist Subcontractor:	
Address:	
Specialist Subcontractor registration number: if applicable	
Registration body/ association:	PRIB

Bidders are required to provide contactable references as below.

NAME OF EMPLOYER	NAME OF PROJECT	CONTRACT PERIOD (Start and End Date)	VALUE OF WORK	REFERENCE NAME AND CONTACT NUMBER

Quotation attached (Mark with a X)	Yes	No
We have in-house specialists to execute the works and have attached detailed breakdown of the costs hereto	Yes	No
Specialist Subcontractors CV attached. (Mark with a X)	Yes	No

Signed …….. Date ……

Name …… Position ……

Tenderer……
…

PARTICULARS OF SPECIALIST SUBCONTRACTOR: PLUMBING

Project Name:	**Dora Nginza Hospital - Upgrades and additions to the existing Laundry:**
Tender No:	**BID NO: SCMU3-25/26-0637-DNG**

Name of specialist Subcontractor:	
Address:	
Specialist Subcontractor registration number: if applicable	
Registration body/ association:	

Bidders are required to provide contactable references as below.

NAME OF EMPLOYER	NAME OF PROJECT	CONTRACT PERIOD (Start and End Date)	VALUE OF WORK	REFERENCE NAME AND CONTACT NUMBER

Quotation attached (Mark with a X)	**Yes**	**No**
We have in-house specialists to execute the works and have attached detailed breakdown of the costs hereto	Yes	No
Specialist Subcontractors CV attached. (Mark with a X)	Yes	No

Price offered (amount in numbers) Excluding VAT……

Signed …….. Date ……

Name …… Position ……

Tenderer……

SBD 6.1

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

BID DESCRIPTION	**Dora Nginza Hospital - Upgrades and additions to the existing Laundry:**
SCMU NUMBER	**BID NO: SCMU3-25/26-0637-DNG**

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

---

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to invitations to tender:

- 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 To be completed by the organ of state

(*delete whichever is not applicable for this tender*).

The applicable preference point system for this tender is the 90/10 preference point system.

The lowest/ ~~highest~~ acceptable tender will be used to determine the accurate system once tenders are received.

1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

(a) Price; and

(b) Specific Goals.

1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20
Total points for Price and SPECIFIC GOALS	**100**

1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.

1.6 The organ of state reserves the right to require of a tenderer, either before a tender is

adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

(a) **"tender"** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;

(b) **"price"** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;

(c) **"rand value"** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

(d) **"tender for income-generating contracts"** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and

(e) **"the Act"** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1 THE 80/20 PREFERENCE POINT SYSTEMS

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

80/20

$$Ps = 80\left(1 - \frac{Pt - P\,min}{P\,min}\right)$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

3.2. FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT

3.2.1. POINTS AWARDED FOR PRICE

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

80/20

$$Ps = 80\left(1 + \frac{Pt - P\,max}{P\,max}\right)$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmax = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:

4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—

(a) an invitation for tender for income-generating contracts, that either the 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or

(b) any other invitation for tender, that either the 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,

then the organ of state must indicate the points allocated for specific goals for both the 90/10 preference point system.

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

(Note to organs of state: Where either the 90/10 preference point system is applicable, corresponding points must also be indicated as such.

***Note to tenderers: The tenderer must indicate how they claim points for each preference point system.*)**

The specific goals allocated points in terms of this tender	**Number of points allocated (80/20 system) (To be completed by the organ of state)**	**Number of points claimed (80/20 system) (To be completed by the tenderer)**
Historically Disadvantaged Individuals Ownership	25% (5)	
Women Ownership	20% (4)	
Youth Ownership	20% (4)	
Disability Ownership	20% (4)	
Military Veterans Ownership	5% (1)	
Locality - Gqeberha	10% (2)	
TOTAL	100% (20)	

CONSORTIA / JOINT VENTURES

* In the event that Specific Goal Points are claimed for members by **Consortia / Joint Ventures** refer to SPECIFIC GOALS POINT – GUIDING WORKING PAPERS TO ASSIST THE BIDDER

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm……

4.4. Company registration number: ……..

4.5. TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
- ☐ One-person business/sole propriety
- ☐ Close corporation
- ☐ Public Company
- ☐ Personal Liability Company
- ☐ (Pty) Limited
- ☐ Non-Profit Company
- ☐ State Owned Company

[TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I 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 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;

iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –

(a) disqualify the person from the tendering 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 tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted 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, if deemed necessary.

…….. **SIGNATURE(S) OF BIDDER(S)**
SURNAME AND NAME: …….
DATE: …….
ADDRESS: …….
…….
…….

SPECIFIC GOALS POINT - GUIDING WORKING PAPERS TO ASSIST THE BIDDER

Table 1: Consortia/Joint-Venture Percentage Split

In the event that Specific Goal Points are claimed for members by consortia / joint ventures, the following

information must be furnished in order to be entitled to the points claimed in respect of the member:
(If more than 3 Members the Bidder can submit a comprehensive table for all Members as per below example)

	Consortia/JV Member 1 **Company Name:** **……..** **…….**	**Consortia/JV Member 2** **Company Name:** **……..** **……..**	**Consortia/JV Member 3** **Company Name:** **……..** **……..**	**TOTAL**
Percentage Split in Consortia/JV as per Consortia/JV Agreement and Certificate of authority	**…….%**	**……% **	**……% **	**100%**

Table 2: Consortia/Joint Venture Specific Goal Points Claim
In the event that Specific Goal Points are claimed for members by consortia / joint ventures, the following information must be furnished in order to be entitled to the points claimed in respect of the member:
(If more than 3 Members the Bidder can submit a comprehensive table for all Members as per below example)

The specific goals allocated points in terms of this tender	**Number of points allocated (80/20 system) (To be completed by the organ of state)**	**JV/Consortia Member 1** **Company Name:** **……..** **…….** **Number of points claimed (90/10 system)**	**JV/Consortia Member 2** **Company Name:** **……..** **……..** **Number of points claimed (90/10 system)**	**JV/Consortia Member 3** **Company Name:** **……..** **……..** **Number of points claimed (90/10 system)**	**Total number of points claimed by JV/Consortia**
Historically Disadvantaged Individuals Ownership	25% (5)				
Women Ownership	20% (4)				
Youth Ownership	20% (4)				
Disability Ownership	20% (4)				
Military Veterans Ownership	5% (1)				
Locality	10% (2)				
TOTAL	100% (20)				

Table 3: Detailed description and definition of various categories of the specific goal points that can be claimed.

No.	Detailed description and definition of various categories	Portfolio of Evidence as part of the returnables
1	**Historically Disadvantaged Individuals Ownership:** [Historically Disadvantaged Individual (HDI). Means a South African citizen who, due to the apartheid policy that had been in place, had no franchise in national elections prior to the introduction of the Constitution of the Republic of South Africa, 1983 (Act No. 110 of 1983) or the Constitution of the Republic of South Africa, 1993 (Act No. 200 of 1993) ("The Interim Constitution") and /orWho is a female; and/orWho has a disability]. A South African ID number is a 13-digit number which is defined by the following format: YYMMDDSSSSCAZ. • The first 6 digits (YYMMDD) are based on your date of birth. 20 February 1992 is displayed as 920220. • The next 4 digits (SSSS) are used to define your gender. Females are assigned numbers in the range 0000-4999 and males from 5000-9999. • The next digit (C) shows if you're an SA citizen status with 0 denoting that you were born a SA citizen and 1 denoting that you're a permanent resident.	1)Proof of ownership (CIPRO certificate) with id no. 2)Proof of ownership (CSD report) with id no. 3)Certified copy of ID of all owners.
2	**Women Ownership**: A South African ID number is a 13-digit number which is defined by the following format: YYMMDDSSSSCAZ. • The first 6 digits (YYMMDD) are based on your date of birth. 20 February 1992 is displayed as 920220. • The next 4 digits (SSSS) are used to define your gender. Females are assigned numbers in the range 0000-4999 and males from 5000-9999.	1)Proof of ownership (CIPRO certificate) with id no. 2)Proof of ownership (CSD report) with id no. 3)Certified copy of ID of all owners.
3	**Military Veterans Ownership:** According to the 2011 Military Veterans act, a military veteran is any South African who rendered military service to any of the military organisations, former statutory and liberation armies, which were involved on all sides of South Africa's liberation war from 1960 to 1993; served in the then Union Defence Force.	1)Proof of ownership (CIPRO certificate) with id no. with valid proof of veteran status. 2)Proof of ownership (CSD report) with id no. with valid proof of veteran status. 3)Certified copy of ID of all owners.

4	**Disability Ownership:** The CRPD (Convention on the Rights of Persons with Disabilities) defines persons with disabilities to include those who have long term physical, mental, intellectual or sensory impairments, which in interaction with various barriers may hinder their full and effective participation in society on an equal basis.	1)Proof of ownership (CIPRO certificate) with id no. with valid medical documentary proof. 2)Proof of ownership (CSD report) with id no. with valid medical documentary proof. 3)Certified copy of ID of all owners.
5	**Youth Ownership:** Who are Youth in South Africa? The national Youth Policy defines youth as any persons between the ages of 14 and 35 years.	1)Proof of ownership (CIPRO certificate) with id no. 2)Proof of ownership (CSD report) with id no. 3)Certified copy of ID of all owners.
6	**Locality Ownership:** Proof of business address (municipal account or valid lease agreement) (Eastern Cape Contractors can claim 2 points)	1) Copy of Municial billing account with an address in the Eastern Cape Province. 2)Copy of a Lease Agreement with an addrss in the Eastern Cape Province.

Signed …….. Date ……

Name …… Position ……..

Tenderer……

PROOF OF REGISTRATION ON THE NATIONAL TREASURY CENTRAL SUPPLIER DATABASE (CSD REPORT)

(ATTACH HERE)

VALID CIDB CERTIFICATE OF A TENDERER

(ATTACH HERE)

VALID DEPARTMENT OF LABOUR COIDA LETTER OF GOOD STANDING CERTIFICATE AND/OR FEM
(ATTACH HERE)

PROOF OF SPECIFIC GOALS POINTS CLAIMED COPIES OF ID'S & LOCALITY, MILITARY VETERANS (ATTACH HERE)

The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the tenderer are within my personal knowledge and are to the best of my knowledge both true and correct and noted and agreed that:

Signed	.....	Date	.....
Name	.....	Position	.....
Name of Bidder & Names of JV Partners	.....		

PROOF OF COPY OF PROFESSIONAL REGISTRATION OF THE (OHS - SACPCMP REGISTERED) OHS OFFICER EMPLOYED ON SITE DURING THE CONTRACT

(ATTACH HERE)

The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the tenderer are within my personal knowledge and are to the best of my knowledge both true and correct and noted and agreed that:

Signed ..... Date .....

Name ..... Position .....

Name of Bidder & Names of JV Partners .....

Copy of a quotation from an approved accredited financial service provider for a fixed construction guarantee to the value of 10% of the Tender Offer.

(ATTACH HERE)

The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the tenderer are within my personal knowledge and are to the best of my knowledge both true and correct and noted and agreed that:

Signed	.....	Date	.....
Name	.....	Position	.....
Name of Bidder & Names of JV Partners	.....		

LED (Local Economic Development): Portfolio of evidence of having a full-time operational business premises in Gqeberha (Copy of Municipal Account or Lease Agreement showing address)

(ATTACH HERE)

The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the tenderer are within my personal knowledge and are to the best of my knowledge both true and correct and noted and agreed that:

Signed	.....	Date	.....
Name	.....	Position	.....
Name of Bidder & Names of JV Partners	.....		

POPIA

PROTECTION OF PERSONAL INFORMATION: CONSENT (POPIA)

The introduction of The Protection of Personal Information Act (POPIA) ensures the regulation of personal information through its entire life cycle of collection, transfer, storing and deletion. As part of its business activities, the Department of Health obtains and requires access to personal data from a wide range of internal and external parties, including without limitation bidders who respond to requests for proposals that are published by the Department of Health from time to time. The Department of Health confirms that it shall process the information disclosed by Bidders for the purpose of evaluating and subsequently awarding/appointing a successful Bidder.

The Department of Health hereby states that it does not and will never modify, amend, or alter any personal information submitted to it by a Bidder. Not unless directed to do so by an order of court, the Department of Health does not disclose or permit the disclosure of any personal information to any Third Party without the prior written consent of the owner of the information.

Similarly, Bidders will from time-to-time access and be seized with information of a personal nature pertaining to the Department of Health. Some of the information may because of legislative compliances be available in the public domain, whilst some is uniquely provided to bidders in pursuit of procurement or other business-related activities. In this regard, the Department of Health requires that Bidders which receive or have access to its personal information, process any such information in a manner compliant with the requirements of the POPIA.

AGREEMENT

1. The Department of Health and the Bidder (the Parties) agree and undertake that upon obtaining and having access to personal information relating to either of them, they shall always ensure that:
   a) They process the information only for the express purpose for which it was obtained.
   b) Information is provided only to designated and authorized personnel who require the personal information to carry out the Parties' respective obligations in terms of the Procurement processes.
   c) They will introduce, and implement all reasonable measures ensure the protection of all personal information from unauthorized access and/or use.
   d) They have taken appropriate measures to safeguard the security, integrity, and authenticity of all personal information in its possession or under its control.
   e) The Parties agree that if personal information will be processed for any other purpose other than the one for which the accessing of the information was intended, explicit written consent will be obtained prior to the execution of such reason.
   f) The Parties shall carry out regular assessments to identify all reasonably foreseeable internal and external risks to the interception of personal information in its possession or under its control and shall implement and maintain appropriate controls in mitigation of such risks.

2. The Parties agree that they will promptly return or destroy any personal data in their possession or control which belongs to the other Party once it no longer serves the purpose for which it was

collected, subject to any legal retention requirements. The information will be destroyed in such a manner that it cannot be reconstructed to its original form, linking it to any individual or organization.

3. Bidder's Obligations

a) The Bidder is required to notify the Information Officer of Department of Health, in writing as soon as possible after it becomes aware of or suspects any loss, unauthorized access or unlawful use of any of the Department of Health's personal information.
b) The Bidder shall, at its own cost, promptly and without delay take all necessary steps to mitigate the extent of the loss or compromise of personal data.
c) The Bidder shall be required to provide the Department of Health with details of the persons affected by the compromise and the nature and extent of the compromise, including details of the identity (if known) of the unauthorized person who may have accessed or acquired the personal data.
d) The Bidder undertakes to co-operate with any investigation relating to security breach which is carried out by or on behalf of Department of Health.

On behalf of the Bidder:

…….. ……
Signature Date

…… ……
Position Name of the Bidder

On behalf of the Client:

…….. ……
Signature Date

…….. ……
Position Name of Client Representative

LIST OF PROJECTS PREVIOUSLY COMPLETED

BID DESCRIPTION	**Dora Nginza Hospital - Upgrades and additions to the existing Laundry:**
SCMU NUMBER	**BID NO: SCMU3-25/26-0637-DNG**

I / We confirm that the following projects (technically complex, health facility related projects of a similar scope and value) were completed by the Bidder and or JV Partner which serves as portfolio of evidence that I/we have the relevant experience to complete this technically complex, health facility project. (additional pages may be added if more space is required)

Item	**Name of Implementing Agent and Health Department, Name of contactable person & phone number**	**Name of Bidder and or JV Partner**	**Project Description (as described on the Practical/ Works/ Final Completion Certificate attached)**	**Value of Project (Including VAT)**	**Copy of Practical/ Works/ Final Completion Certificate attached) YES / NO**	
1						
2						
3						

Attach additional pages if more space is required.

The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the tenderer are within my personal knowledge and are to the best of my knowledge both true and correct and noted and agreed that:

Signed ..... Date .....

Name ..... Position .....

Name of Bidder & Names of JV Partners .....

COPIES OF PRACTICAL / WORKS / FINAL COMPLETION CERTIFICATES OF LIST OF PROJECTS PREVIOUSLY COMPLETED (ATTACH HERE)

The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the tenderer are within my personal knowledge and are to the best of my knowledge both true and correct and noted and agreed that:

This information is required as part of the MANDATORY returnable schedules, which shall not be used as part of elimination evaluation criterion during Stage 1 Admin Compliance, but this information will be checked and verified as part of due diligence Technical Risk Analysis and during the In-Loco inspections, before Adjudication and award, and should the findings indicate a commercial risk to the Client, the bid shall not be awarded to the highest scoring bidder.

List of Projects completed of a similar nature (Clinics, medical facilities, mortuaries, laundries and hospitals) with details of the Clients, Scope, Values, and dates of completion, with copies of Practical, Works and or Final Completion Certificates attached as Portfolio of evidence.
3 x CERTIFICATES = 30 points
2 x CERTIFICATES = 20 points
1 x CERTIFICATE = 10 points

(ATTACH HERE)

Signed	.....	Date	.....
Name	.....	Position	.....
Name of Bidder & Names of JV Partners	.....		

DETAILS OF ALL LICENSED MOTORIZED VEHICLES, TRUCKS & MACHINERY EQUIPMENT TO EXECUTE THE SERVICE

(ATTACH HERE)

TO EXECUTE THIS SERVICE (ATTACH HERE)

The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the tenderer are within my personal knowledge and are to the best of my knowledge both true and correct and noted and agreed that:

Signed	.....	Date	.....
Name	.....	Position	.....
Name of Bidder & Names of JV Partners	.....		

CONSTRUCTION LABOUR FORECAST SCHEDULE (INCLUDING SUBCONTRACTORS AND SPECIALIST SUBCONTRACTORS) **Dora Nginza Hospital - Upgrades and additions to the existing Laundry: BID NO: SCMU3-25/26-0637-DNG**

	LOCAL					NON-LOCAL SECONDED					TOTAL
JOB TITLE	WOMEN	YOUTH	DISABILITY	VETERAN	TOTAL	WOMEN	YOUTH	DISABILITY	VETERAN	TOTAL	TOTAL

THE CONTRACT

PART C1
AGREEMENTS AND CONTRACT DATA

PART C1.1: FORM OF OFFER AND ACCEPTANCE

FORM OF OFFER AND ACCEPTANCE

Bid Description	**Dora Nginza Hospital - Upgrades and additions to the existing Laundry:**
SCMU number	**BID NO: SCMU3-25/26-0637-DNG**

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

Dora Nginza Hospital - Upgrades and additions to the existing Laundry:

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

By the representative of the tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the tenderer offers to perform all of the obligations and liabilities of the 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 PRICES INCLUSIVE OF VALUE ADDED TAX IS

…….

…….

……Rand (in words) ;

R ……(in figures) (or

other suitable wording)

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.

Signature
…….
Name
……...
Capacity
……...
for the tenderer
……...
(Name and address of organization)
Name and signature
of witness ……..… ….. Date ……

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 the above listed Parts.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the returnable 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 form of offer and acceptance. No amendments to or deviations from said documents are valid unless contained in this schedule.

The tenderer shall within 3 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 securities, bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the contract data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed original copy of this document, including the schedule of deviations (if any). Unless the tenderer (now contractor**)** within five working 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.[1]

Name & Signature

……
Senior Finance Manager – Dora Nginza Hospital SCM

for the Employer
Eastern Cape Department of Health
Dora Nginza Hospital
Gqeberha

(Name and address of organization)

Name and signature
of witness …… Date ……

Schedule of Deviations

1 Subject _____
Details
_____

2 Subject _____
Details
_____

3 Subject _____
Details
_____

4 Subject _____
Details
_____

By the duly authorized representatives signing this agreement, the employer and the tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents

listed in the tender data and addenda thereto as listed in the tender schedules, as well as any confirmation, clarification, or changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender/ quotation 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.

[1] *As an alternative, the following wording may be used:*

*Notwithstanding anything contained herein, this agreement comes into effect two working days after the submission by the employer of one fully completed original copy of this document including the schedule of deviations (if any), to a courier-to-counter delivery / counter-to-counter delivery / door-to counter delivery /door-to-door delivery /courier service (delete that which is not applicable), provided that the employer notifies the tenderer of the tracking number within 24 hours of such submission. Unless the tenderer (now contractor**)** within seven working days of the date of such submission notifies the employer in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the parties*

PART C1.2: CONTRACT DATA

The Joint Building Contracts Committee® - NPC
CONTRACT DATA
For use by ORGANS OF STATE and other PUBLIC SECTOR BODIES
Principal Building Agreement
Edition 6.2 - May 2018

A PROJECT INFORMATION

A1.0 Works [1.1]

Project name	**Dora Nginza Hospital - Upgrades and additions to the existing Laundry:**
Reference number	**BID NO: SCMU3-25/26-0637-DNG**
Works description	Refer to document C3 – Scope of Work

A2.0 Site [1.1]

Erf / stand number	Refer to document C4 – Site Information
Township / Suburb	ZWIDE
Site address	Refer to document C4 – Site Information
Local authority	Nelson Mandela Bay Municipality

A3.0 Employer [1.1]

Official Name of Organ of State / Public Sector Body	**Eastern Cape Department of Health**
Business registration number	N/A
VAT/ number	N/A
Country	South Africa
Employer's representative: Name	**Capacity: Senior Finance Manager – Dora Nginza Hospital SCM**
Telephone number	Mr Skhumbuzo Malkumese via e-mail: skhumbuzo.malkumese@echealth.gov.za

Physical address	**Eastern Cape Department of Health** **Dora Nginza Hospital** **Gqeberha**

A4.0 Principal Agent [1.1]

Name	BNM Architects			
Legal entity of above	BNM Pty Ltd	Contact person	Mr. Cobus Lombard	
Practice number		Telephone number	041 5852125	
		Mobile number		
Country	South Africa	E-mail	bnmpe@bnm.co.za	
Postal address	PO Box 6132 Walmer, Gqeberha		Postal Code	6070
Physical address	18 Park Lane Central, Gqeberha		Postal Code	N/A

A5.0 Agent [1.1]

Discipline	Architect			
Name	BNM Architects			
Legal entity of above	BNM Pty Ltd	Contact person	Mr. Cobus Lombard	
Practice number		Telephone number	041 5852125	
		Mobile number		
Country	South Africa	E-mail	bnmpe@bnm.co.za	
Postal address	114 Park Drive, Gqeberha		Postal Code	6070
Physical address	114 Park Drive, Gqeberha		Postal Code	N/A

A6.0 Agent [1.1]

Discipline	Quantity Surveyor			
Name	MMDP Quantity Surveyors			
Legal entity of above	MMDP Quantity Surveyors	Contact person	Mr. F. Bezuidenhout	
Practice number		Telephone number	043 7210667	
		Mobile number		
Country	South Africa	E-mail	frikkie@mmdp.co.za	
Postal address	PO Box 8370, Nahoon, East London		Postal Code	5256
Physical address	40 Drake Road, Nahoon, East London		Postal Code	5241

A7.0 Agent [1.1]

Discipline	Civil Engineer			
Name	SMEC Consulting Engineers			
Legal entity of above	SMEC SA (Pty) Ltd	Contact person	Mr. Juan Kampman	
Practice number		Telephone number	041 3636777	
		Mobile number		
Country	South Africa	E-mail	Juan.Kampman@smec.com	
Postal address	7 Mangold Street, Gqeberha		Postal Code	
Physical address	7 Mangold Street, Gqeberha		Postal Code	6045

A8.0 Agent [1.1]

Discipline	Structural Engineer			
Name	SMEC Consulting Engineers			
Legal entity of above	SMEC SA (Pty) Ltd	Contact person	Mr. Juan Kampman	
Practice number		Telephone number	041 3636777	
		Mobile number		
Country	South Africa	E-mail	Juan.Kampman@smec.com	
Postal address	7 Mangold Street, Gqeberha		Postal Code	
Physical address	7 Mangold Street, Gqeberha		Postal Code	6045

A9.0 Agent [1.1]

Discipline	Electrical Engineer			
Name	RNA Consulting Engineers (Pty) Ltd			
Legal entity of above	RNA Consulting Engineers	Contact person	Eric Ceba	
Practice number		Telephone number	041-5812807	
		Mobile number		
Country	South Africa	E-mail	ericc@rnaconsulteng.co.za	
Postal address	87 Heugh Road, Walmer, Gqeberha		Postal Code	6070
Physical address	87 Heugh Road, Walmer, Gqeberha		Postal Code	6070

A10.0 Agent [1.1]

Discipline	Mechanical Engineer		
Name	RNA Consulting Engineers (Pty) Ltd		
Legal entity of above	RNA Consulting Engineers	Contact person	Travis Warne

Practice number		Telephone number	041 n5812807	
		Mobile number		
Country	South Africa	E-mail	travisw@rnaconsulting.co.za	
Postal address	87 Heugh Road, Walmer, Gqeberha		Postal Code	6070
Physical address	87 Heugh Road, Walmer, Gqeberha		Postal Code	6070

A11.0 Agent [1.1]

Discipline	Occupational Health and Safety Agent			
Name	Lumcus Training & Consulting (Pty) Ltd			
Legal entity of above	Lumcus Training & Consulting (Pty) Ltd	Lumcus Training & Consulting (Pty) Ltd	Elizabeth White	
Practice number			043-54801112	
Country	South Africa	South Africa	liza@lumcus.co.za	
Postal address	242 Cannery Avenue, Kaysers Beach		242 Cannery Avenue,	Postal Code
Physical address	242 Cannery Avenue, Kaysers Beach		242 Cannery Avenue,	Postal Code

A12.0 Agent [1.1]

Discipline				
Name				
Legal entity of above		Contact person		
Practice number		Telephone number		
		Mobile number		
Country		E-mail		
Postal address			Postal Code	
Physical address			Postal Code	

B CONTRACT INFORMATION

B 1.0 Definitions [1.1]

Bills of quantities: System/Method of measurement	**Standard System of Measuring Building Work (Seventh Edition) as amended**

B 2.0 Law, regulations, and notices [2.0]

Law applicable to the **works**, state country [2.1]	**Republic of South Africa**

B 3.0 Offer and acceptance [3.0]

Currency applicable to this **agreement** [3.2]	**South African Rand**

B 4.0 Documents [5.0]

The original signed **agreement** is to be held by the **principal agent** [5.2], if not, indicate by whom	**Employer**
Number of copies of **construction information** issued to the **contractor** at no cost [5.6]	**Three (3)**

Documents comprising the **agreement**	Page numbers
The **JBCC®** Principal Building Agreement, Edition 6.2 May 2018	1 to 30
The **JBCC®** Principal Building Agreement - Contract Data for Organs of State and other Public Sector Bodies, Edition 6.2 May 2018	1 to 14
The **JBCC®** General Preliminaries for use with the **JBCC®** Principal Building Agreement, Edition 6.2 May 2018	1 to 7

Contract drawings – description	Number	Revision	Date
As per Drawings listed C3.13			

B 5.0 Employer's Agents [6.0]

Authority is delegated to the following **agents** to issue **contract instructions** and perform duties for specific aspects of the **works** [6.2]
Principal Agent

Principal agent's and **agents'** interest or involvement in the **works** other than a professional interest [6.3]
None

B 6.0 Insurances [10.0]

Insurances by **employer**			Amount including tax	Deductible amount including tax
Yes / No:	**No**			
Contract works insurance:				
	New **works** [10.1.1] (**Contract sum** or amount)			
or	**Works** with **practical completion** in **sections** [10.2] (**contract sum** or amount			
or	**Works** with alterations and additions [10.3] (reinstatement value of existing structures with or including new **works**)			
	Direct contractors [10.1.1; 10.2] where applicable, to be included in the contract works insurance			
	Free issue [10.1.1; 10.2] where applicable, to be included in the contract works insurance			
	Escalation, professional fees and reinstatement costs if not included above			
Total of the above contract works insurance amount				
Supplementary insurance [10.1.2; 10.2]				
Public liability insurance [10.1.3; 10.2]				
Removal of lateral support insurance [10.1.4; 10.2]				
Other insurances [10.1.5]				
Yes/ No?	No	If yes, description 1		
Yes/ No?	No	If yes, description 2		

and/or

Insurances by **Contractor**		Amount including tax	Deductible amount including tax
Yes / No:	**Yes**		
	New **works** [10.1.1] (**Contract sum** or amount)	N/A	N/A
or	**Works** with **practical completion** in **sections** [10.2] (**contract sum** or amount)	N/A	N/A
or	**Works** with alterations and additions [10.3] (reinstatement value of existing structures with or including new **works**)	**To the minimum value of the contract sum + 10%**	**With a deductible not exceeding 5% of each and every claim**
	Direct contractors [10.1.1; 10.2] where applicable, to be included in the contract works insurance	N/A	
	Free issue [10.1.1; 10.2] where applicable, to be included in the contract works insurance	N/A	
	Escalation, professional fees and reinstatement costs if not included above	N/A	
Total of the above contract works insurance amount		To the minimum value of the contract sum + 10%	

Supplementary insurance [10.1.2; 10.2]			No	
Public liability insurance [10.1.3; 10.2]			R5 million	
Removal of lateral support insurance [10.1.4; 10.2]			No	
Other insurances [10.1.5]				
Yes/ No?	No	If yes, description 1		
Yes/ No?	No	If yes, description 2		

B 7.0 Obligations of the employer [12.1]

Existing premises will be in use and occupied [12.1.2]		**Yes / No?**	**Yes**
If yes, description	The Contractor will, throughout the entire period of the works, be responsible for the proper and adequate protection of property and the public and ECDOHs personnel from damage or injury resultant from the works and for the proper security of the site at all times during the course of the works. Further, the Contractor must allow for all temporary hoardings, walkways, etc. required by the Local Authorities, National Building Regulations. OHS Act and or demanded by his own requirements. Allowance must further be made for periodic adjustment of any hoardings/ temporary fencing and for their eventual removal and for making good. All other temporary fencing hoardings etc. Required must be priced for in the Preliminaries of these Bills of Quantities. Allowance must be made for periodic adjustment of any hoardings aligned to the project phasing and for their eventual removal and for making good.		
Restriction of working hours [12.1.2]		**Yes / No?**	**Yes**
If yes, description	07h30 to 17h00 Weekdays only. Work required to be executed outside of these hours must be arranged with the Facilities Manager and the management of the clinic, in advance. No costs shall be claimable connected thereto.		
Natural features and known services to be preserved by the contractor [12.1.3]		**Yes / No?**	**Yes**
If yes, description	Existing services that are to be preserved are indicated in the existing service layout plan.		
Restrictions to the site or areas that the contractor may not occupy [12.1.4]		**Yes / No?**	**Yes**
If yes, description	Work areas and restricted areas are defined on the drawing specifying the site establishment.		
Supply of free issue [12.1.10]		**Yes / No?**	**No**
If yes, description			

B 8.0 Nominated subcontractors [14.0]

Yes / No?	**No**	**If yes, description of specialisation**
Specialisation 1		
Specialisation 2		
Specialisation 3		
Specialisation 4		
Specialisation 5		

Specialisation 6	
Specialisation 7	
Specialisation 8	
Specialisation 9	

B 9.0 Selected subcontractors [15.0]

Yes / No?	**No**	**If yes, description of specialisation**
Specialisation 1		
Specialisation 2		
Specialisation 3		
Specialization 4		
Specialization 5		
Specialisation 6		
Specialisation 7		
Specialisation 8		
Specialisation 9		
Specialisation 10		

B 10.0 Direct contractors [16.0]

Yes / No?	**No**	**If yes, description of extent of work**
Extent of work [12.1.11]		
Extent of work [12.1.11]		
Extent of work [12.1.11]		
Extent of work [12.1.11]		
Extent of work [12.1.11]		

B 11.0 Description of sections [20.1]

Section 1	**Scope of Works as a whole**
Section 4	
Section 5	
Section 6	

B 12.0 Possession of site [12.1.5], practical completion [19.0; 20.0] and penalty [24.0]

Practical completion for the works as a whole	Intended date of possession of the site Refer B17.0 [12.1.5; 12.2.22]	Period for inspection by the principal agent [19.3]	The date for practical completion shall be the period as indicated below from the date of possession of the site by the contractor [12.2.7; 24.1]	Penalty for late completion [24.1]
		working days	Period in months	Penalty amount per calendar day (excl. tax)
		10 Working days	**4 Calendar months (Shutdown period excluded)**	**8,50c/R100 of Contract amount**

or where **sections** are applicable **N/A**

Practical completion of a section of the works	Intended date of possession of the site Refer B16.0 [B4.1]	Period for inspection by the principal agent [19.3]	The date for practical completion shall be the period as indicated below from the date of possession of the site by the contractor [12.2.7; 24.1]	Penalty for late completion [24.1]
		Working days	Period in months	Penalty amount per calendar day (excl. tax)
Section 1				
Section 2				
Section 3				
Section 4				
Section 5				
Section 6				
Section 7				
Section 8				
Remainder of the				

Criteria to achieve **practical completion** not covered in the definition of **practical completion**
No further Criteria

B 13.0 Defects liability period [21.0]

Extended defects liability period: Refer B17.0 [21.13]	**Yes / No?**	**Yes**
If yes, description of applicable elements	**The ninety (90) calendar days defects liability period for the works [21.1] is replaced with an extended defects liability period of three hundred and sixty-five (365) calendar days in respect to all works.**	

B 14.0 Payments [25.0]

Date of month for issue of regular **payment certificates** [25.2]	**30th**		
Contract price adjustment / Cost fluctuations [25.3.4; 26.9.5]	**Yes / No?**	**No**	**Base Month: Month of Tender Closing**
If yes, method to calculate	**CPAP calculated with Haylett formulae based on indices as provided by Stats SA**		
Employer shall pay the **contractor** within: [25.10]	**Thirty (30) calendar days**		

B 15.0 Dispute resolution [30.0]

Adjudication [30.6.1; 30.10] Name of nominating body	**Refer to Part C1.3 Dispute Resolution Mechanism**	
Applicable rules for adjudication [30.6.2]	**Adjudication in accordance with the CIDB adjudication process**	
Arbitration [30.7.4; 30.10]	**Yes / No?**	**No**
If Yes, name of nominating body *****If No, then dispute will be referred to litigation		
Applicable rules for arbitration [30.7.5]	N/A	

B 16.0 JBCC® General Preliminaries – selections

Provisional bills of quantities [B2.2]		**Yes / No?**	**Yes**
Availability of construction information – is the construction information complete? [B2.3]		**Yes / No?**	**Yes**
Previous work - dimensional accuracy - details of previous contract(s) [B3.1]		N/A	
Previous work - **defects** - details of previous contract(s) [B3.2]		N/A	
Inspection of adjoining properties - details [B3.3]		N/A	
Handover of **site** in stages - specific requirements [B4.1]		Refer to B11 (Contract Data)	
Enclosure of the **works** - specific requirements [B4.2]		Hoarding to working areas.	
Geotechnical and other investigations - specific requirements [B4.3]		N/A	
Existing premises occupied - details [B4.5]		Yes The Contractor must price for hoardings etc. to comply with the Construction Regulations 2014 and any other legal requirements or legislation, including his own requirements in the Preliminaries section of the Bills of Quantities. The Contractor must also price the Preliminaries Section of the Bills of Quantities, for the periodic adjustment of any hoardings and their eventual removal and making good. No claims for additional hoardings etc will be entertained. The contractor must ensure minimal disruption to the operation of the hospital and keep dust and noise to a minimum.	
Services - known - specific requirements [B4.6]		Known services are indicated on the services drawings. Existing services are to be protected during the construction period	
Water [B8.1]	By **contractor**	**Yes / No?**	**Yes**
	By **employer**	**Yes / No?**	**No**
	By **employer** – metered	**Yes / No?**	**No**
Electricity [B8.2]	By **contractor**	**Yes / No?**	**Yes**
	By **employer**	**Yes / No?**	**No**

	By **employer** – metered	**Yes / No?**	**No**
Ablution and welfare facilities [B8.3]	By **contractor**	**Yes / No?**	**Yes**
	By **employer**	**Yes / No?**	**No**
Communication facilities - specific requirements [B8.4]		No specific requirements	
Protection of the works - specific requirements [B11.1]		Yes. Scope of Works and Health and Safety Plan which are annexed to this bid document	
Protection / isolation of existing works and works occupied in sections - specific requirements [B11.2]		Yes. Scope of Works and Health and Safety Plan which are annexed to this bid document	
Disturbance - specific requirements [B11.5]		Yes. Scope of Works and Health and Safety Plan which are annexed to this bid document	
Environmental disturbance - specific requirements [B11.6]		No specific requirement	

B 17.0 Changes made to JBCC® documentation

Reference may be made to other documents forming part of this **agreement**

1.1 Definitions

AGREEMENT: The completed Form of Offer and Acceptance, the completed **JBCC®** Principal Building Agreement and **JBCC® contract data for organs of state and other public sector bodies, the contract drawings, the priced document** and any other documents reduced to writing and signed by the authorised representatives of the **parties**

CONSTRUCTION PERIOD: The period commencing on the date of possession of the **site** by the **contractor** and ending on the date of **practical completion**

CONTRACT PERIOD: The period commencing on the date of the Employer accepting the offer by signing the Form of Offer and Acceptance and ending on the date of final completion

COST FLUCTUATION shall mean contract price adjustment provision (CPAP) for the adjustment of fluctuation in the cost of labour, plant, material and goods as stated in the schedule

DEFAULT INTEREST: No Clause

GUARANTEE FOR CONSTRUCTION: A security in terms of the ECDOH's Guarantee for Construction form/s, obtained by the contractor from an institution approved by the employer [CD]

CONTRACT DATA FOR ORGANS OF STATE AND OTHER PUBLIC SECTOR BODIES: The document listing the Organs of State and other Public Sector Bodies' requirements and the project specific information

INTEREST: The interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be the rate as determined by the Minister of Finance from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No 1 of 1999), calculated as simple interest, in respect of debts owing to the State, and will be the rate as determined by the Minister of Justice and Constitutional Development from time to time 80(1)(b) of the Public Finance Management Act, 1999 (Act No 1 of 1999), calculated as simple interest, in respect of debts owing by the State

LETTER OF ACCEPTANCE: The letter of formal acceptance of the Contractor's or Service Provider's Tender / Bid, issued and signed by the Employer

PAYMENT CERTIFICATE: A certificate issued at regular agreed intervals [CD] by the principal agent to the parties certifying the amount due and payable in terms of Clause 25.3

PRINCIPAL AGENT: The person or entity appointed by the **employer** and named in the **contract data for organs of state and other public sector bodies**. In the event of a principal agent not being appointed, then all the duties and obligations of a **principal agent** as detailed in the **agreement** shall be fulfilled by the employer's representative as named in the **contract data for organs of state and other public sector bodies**

3.0 Offer and Acceptance

Amend 3.3 to read as follows:
This **agreement** shall come into force on the date as stated on the Form of Offer and Acceptance and continue to be of force and effect until the end of the **latent defects** liability period [22.0] notwithstanding termination [29.0] or the certification of **final completion** [21.0] and final payment [25.0]

4.0 Cession and Assignment

Replace Clause 4.3 with the following:

Where a contractor cedes any right or any monies due to or to become due under this agreement as security in favour of a financial institution, the prior written consent of the employer, which consent shall not be unreasonably withheld, must be obtained

5.0 Documents

Replace Clause 5.4 with the following:

The Bills of Quantities shall not be used as a specification of material and goods or methods unless so instructed by the Principal Agent. The contractor may not use the Bills of Quantities for purpose of ordering material. All dimensions and quantities must be determined on site before ordering. In the event of discrepancy between the drawings and Bills of Quantity, the drawings shall take preference

Replace Clause 5.5 with the following:

The parties may publish or disclose on any platform only the contract scope and contract amount

6.0 Employer's Agents

Replace Clause 6.5 with the following:

Where the principal agent and/or an agent fails to act or is unable to act or ceases to be the principal agent or an agent in terms of this agreement, the employer shall appoint another principal agent and/or an agent

Add the following as 6.7:

In terms of the clauses listed hereunder, the **employer** has retained its authority and has not given a mandate to the **principal agent**. The **employer** shall sign all documents in relation to clauses 4.2, 14.1.2,14.1.4, 14.4.1, 14.6, 23.1, 23.2, 23.3, 23.7, 23.8, 26.1, 26.7, 26.12 and 28.4

8.0 Works Risk

Replace Clause 8.4 with the following**:**

The **contractor** shall bear the full risk of damage to and/or destruction of the **works** by whatever cause during construction of the **works** and hereby indemnifies and holds harmless the **employer** against any such damage. The **contractor** shall take such precautions and security measures and other steps for the protection and security of the **works** as the **contractor** may deem necessary

9.0 Indemnities

9.2.7: Add the following to the end of the first sentence: "…. due to no fault of the **contractor**"
9.2.9 No Clause
9.2.10 No Clause

Add the following as clause 9.3**:**

The employer's rights to claim damages for the contractor's omissions and actions will not be affected.

10.0 Insurances

Add the following as 10.1.5.1:

Hi risk Insurance

In the event of the project being executed in a geological area classified as a "High Risk Area", that is an area which is subject to highly unstable sub-surface conditions that might result in catastrophic ground movement evident by sinkhole or doline formation the following will apply:

10.1.5.1.1 Damage to **the works**

The contractor shall, from the date of possession of the **site** until the date of the **certificate of practical completion**, bear the full risk of and hereby indemnifies and holds harmless the **employer** against any damage to and/or destruction of the **works** consequent upon a catastrophic ground movement as mentioned above. The **contractor** shall take such precautions and security measures and other steps for the protection of the **works** as he may deem necessary

When so instructed to do so 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

10.1.5.1.2 Injury **to persons or loss of or damage to property**

The **contractor** shall be liable for and hereby indemnifies and holds harmless the **employer** against any liability, loss, claim or proceeding arising at any time during the period of the contract 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 above

The **contractor** shall be liable for and hereby indemnifies the **employer** against any and all liability, loss, claim or proceeding consequent upon loss of or damage to any moveable, or immovable property, 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 above, which occurred during the period of the contract

10.1.5.1.3

It is the responsibility of the **contractor** to ensure that he has adequate insurance to cover his risk and liability as mentioned in 10.1.5.1.1 and 10.1.5.1.2. Without limiting the **contractor's** obligations in terms of the contract, the **contractor** shall, within twenty-one (21) **calendar days** of the date of possession of the site, but before commencement of the **works**, submit to the **employer** proof of such insurance policy, if requested to do so

10.1.5.1.4

The **employer** shall be entitled to recover any and all losses and/or damages of whatever nature suffered or incurred consequent upon the **contractor's** default of his obligations as set out in 10.1.5.1.1; 10.1.5.1.2 and 10.1.5.1.3. Such losses or damages may be recovered from the **contractor** or by deducting the same from any amounts still due under this contract or under any other contract presently or hereafter existing between the **employer** and the **contractor** and for this purpose all these contracts shall be considered one indivisible whole

11.0 Securities

Replace Clauses 11.1, 11.1.1, 11.1.2, 11.2.1 and 11.2.2 with the following:

The security to be provided by the contractor to the employer will be a fixed construction guarantee of 10% of the contract value.

11.3 No Clause
11.4 No Clause
11.5 No Clause
11.6 No Clause
11.6 No Clause
11.7 No Clause
11.8 No Clause
11.9 No Clause
11.10 No Clause

12.0 Obligations of the Parties

12.1.1 No Clause

Replace Clause 12.1.5 with the following:

Give possession of the site to the contractor within ten (10) working days after the appointment of all SMME contractor packages, approval of the Health and Safety Plan or the issue of a construction permit by the Department of Labour, if applicable, after the contractor complied with the terms of 12.2.22

12.1.6 No Clause

12.1.8 No Clause

Replace Clause 12.2.2 with the following:
The priced Bills must be submitted as part of the returnable documents. Where the priced document contains errors or discrepancies and/or prices considered by the employer or principal agent to be imbalanced or unreasonable the employer or principal agent and the contractor shall adjust such prices without any change to the contract sum

12.2.3 No Clause

Replace Clause 12.2.5 with the following:
Effect and keep in force insurances in favour of the employer as beneficiary where the contractor is responsible for providing insurances [10.0) [CD]

Replace Clause 12.2.13 with the following:
Designate a competent person full time on site to continuously administer and control the works on site and to receive and implement notices and contract instructions on behalf of the contractor

Add the following as Clause 12.2.22:
Within fourteen (14) working days of the date of the letter of acceptance submit to the principal agent an acceptable health and safety plan, required in terms of the Occupational Health and Safety Act, 1993 (Act No 85 of 1993)

Add the following as Clause 12.2.23:
The contractor shall within reasonable time inform the agents regarding inspection of the works before covering / closing [B 12.0]

19.0 Practical Completion

Replace Clause 19.5 with the following:

On issue of the only or last certificate of practical completion the employer shall be entitled to possession of the works and the site. On issue of the certificate of practical completion for a section, the employer shall be entitled to possession of such section.

21.0 Defects Liability Period and Final Completion

Clause 21.0

Replace Clause 21.1 with the following:
The defects liability period for the works shall commence on the calendar day following the date of works completion and end at midnight (00:00) ninety (90) calendar days from the date of works completion [CD] or when work on the list for completion has been satisfactorily attended to [21.6), whichever is the later (if we use works completion)

Replace Clause 21.6 with the following:
On the expiry of the ninety (90) calendar days defects liability period [21.1] for items not indicated as items with an extended liability as indicated in B14 and on receipt of the contractor's notice to the principal agent

And/or

On the expiry of the defects liability period as indicated in B14, for items indicated in B14 and on receipt of the contractor's notice to the principal agent, the principal agent shall:

(1) inspect the works and within ten (10) working days either issue a list for final completion detailing all outstanding work or defects that must be attended to, or rectified to achieve final completion or
(2) issue the certificate of final completion to the contractor with a copy to the employer for that part of the works where defects liability period has expired

21.6.1 Omit Clause

21.6.2 Omit Clause

Add the following as Clause 21.13:
The ninety (90) calendar days defects liability period for the works [21.1] is replaced with an extended defects liability period of three hundred and sixty-five (365) calendar days in respect of the listed applicable elements in B14

Add the following as Clause 21.14:
Penalties will be applied if the items on the completion list have not been attended to within a period of ninety (90) calendar days [21.1]. If additional defect items have being added to the list during this period, then the Principal Agent and Contractor will agree on a revised completion date. Failing in achieving the revised date will result in penalties being applied. [B12.0

23.0 Latent Defects Liability Period

22.3.2 No Clause

24.0 Penalty for Late and Non-completion

Replace Clause 24.1 with the following:
Where the contractor fails to bring the works, or a section thereof, to practical or final- completion by the applicable completion date [CD], or the revised applicable completion date, the contractor shall be liable to the employer for the penalty [CD]

Replace Clause 24.2 with the following:
Where the employer elects to levy such penalty the employer, or the principal agent on instruction from the employer, shall give notice thereof to the contractor. The principal agent shall determine the penalty due from the later of the date for practical- works-, or final- completion [CD], or the revised date for practical- works-, or final- completion, up to and including the earlier of:

Replace Clause 24.2.1 with the following:
The actual or deemed date of practical or final- completion, of the works, or a section thereof [23.7.1]

25.0 Payment

Replace Clause 25.2 with the following:

The principal agent shall issue at regular agreed intervals [CD] payment certificates, to the contractor with a copy to the employer, up to and including practical completion. Interim Payment certificates may be issued to the contractor between practical completion and the final payment certificate. A payment certificate may be for a nil or negative amount

Add the following to Clause 25.3:
25.3.12 Tax Invoice

25.5 No Clause

Replace Clause 25.6 with the following:

Materials and goods will only be certified and paid for upon providing proof of full payment to the supplier and proof of transfer of ownership from the supplier to the contractor by the contractor. Once paid, material and goods shall become the property of the employer and shall not be removed from site without the written authority of the Employer.

25.7.5 No clause.

Replace Clause 25.10 with the following:

The employer shall pay the contractor the amount stipulated in an issued payment certificate, correct in all material respects, within thirty (30) calendar days from the date of receiving the payment certificate, invoice and all other substantiating documentation for items certified in the payment certificate

25.10: Delete the words “and/or **compensatory interest**”

Replace Clauses 25.12 to 25.12.3 with the following:

Clause 25.12

The value of the works in terms of 25.1 and of the materials and goods in terms of 25.4 shall be certified in full. The value certified shall be subject to the following percentage adjustments:

25.12.1 Ninety per cent (90%) of such value in interim payment certificates issued up to the date of practical completion

25.12.2 Ninety-seven per cent (97%) of such value in interim payment certificates issued on the date of practical completion and up to but excluding the date of final completion

25.12.3 Ninety-nine per cent (99%) of such value in interim payment certificates issued on the date of final completion and up to but excluding the final payment certificate in terms of 26

25.12.4 One hundred per cent (100%) of such value in the final payment certificate in terms of 26 except where the amount certified is in favour of the employer. In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate.

25.14.2: Not applicable

26.0 Adjustment of the Contract Value and Final Account

Ref Clause 6.7 [CD] – Clause 26.1

Omit Clause 26.4.3

Ref Clause 6.7 [CD] – Clause 26.7

Replace Clause 26.10 with the following**:**

The principal agent shall prepare the final account in consultation with the employer and issue the final account, to the contractor within sixty (60) working days of the date of practical completion

27.0 Recovery of Expense and/or Loss

Clause 27.0

Replace Clause 27.1.2 with the following:
Interest due to late payment only

Replace Clause 27.1.4 with the following:
Interest due to late payment only

27.1.5 No Clause

Replace Clause 27.5 with the following:
Where the employer decides to recover an amount due in terms of 27.2 from a construction guarantee, cash deposit or retention money held as security, the employer shall issue a written demand to the contractor before recovering the amount. Should such amount not be paid to the employer within fourteen (14) calendar days of the date-of notice by the employer, the employer may recover such an amount from the security

29.0 Termination

Clause 29.0

Add the following as Clause 29.1.4:
The contractor's estate has been sequestrated, liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa

Add the following as Clause 29.1.5:
The contractor has engaged in corrupt or fraudulent practices in competing for or in executing the contract.

Add the following as Clause 29.1.6:
Honour his obligations in terms of Clauses 10.1.5.1.3, 11.4.1 and 12.2. sub-Clauses 5, 6, 8, 9, 10, 11, 12, 13, 15, 16, 19, 20, 22.

Replace Clause 29.7 with the following:
The employer, on notice to the contractor, may recover damages from the contractor from the date of termination including, but not limited to, additional costs incurred in the completion, consultant cost, rental of alternative accommodation, invitation of completion tenders, salaries of officials and safeguarding the site, of the remaining work [25.3.7; 27.1.3]

Replace Clause 29.9 with the following:
The employer has the right of recovery against the contractor, where applicable, [CD] from:

The payment reduction until the final payment is made;

29.14.1 No Clause

29.14.3 No Clause

29.14.4 No Clause

29.14.5 No Clause

29.14.6 No Clause

29.14.7 No Clause

29.15 No Clause

29.16 No Clause

29.17.3 No Clause

29.17.6 No Clause

29.21.5 No Clause

29.22 No Clause

29.23 No Clause

29.25.3 No Clause

29.25.4 No Clause

29.27 No Clause

30.0 Dispute Resolution

Replace Clause 30.2 with the following:
Where such disagreement is not resolved within ten (10) working days of receipt of such notice it shall be deemed to be a dispute and shall be submitted to Mediation as a first method of dispute resolution failing which the parties will resort to Litigation

30.3 to 30.7.7 No Clauses

Replace Clause 30.8 with the following:
The parties may, by agreement and at any time before Litigation, refer a dispute to mediation, in which event:

30.8.1 No Clause

Replace Clause 30.8.2 with the following:
The appointment of a mediator, the procedure, and the status of the outcome shall be agreed between the parties

Replace Clause 30.8.3 with the following:
Regardless of the outcome of a mediation the parties shall bear their own costs concerning the Mediation and equally share the costs of the mediator and related expenses.

Replace Clause 30.9 with the following:
Institution of Litigation shall be commenced, and process served within three (3) year from the date of existence of the dispute, failing which the dispute shall lapse

30.10 No Clause

30.12 No Clause

C TENDERER'S SELECTIONS

C 1.0 Security [11.0]

Guarantee for construction: Select Option A or B	**Option:**	**A**

Option A	**Fixed construction guarantee of 10% of the contract**

Guarantee for payment by **employer** [11.5.1; 11.10]	Not Applicable

Advance payment, subject to a **guarantee for advance payment** [11.2.2; 11.3]	Not Applicable

C 2.0 Contractor's annual holiday periods during the construction period

Year 1 **contractor's** annual holiday period	start date		end date	
Year 2 **contractor's** annual holiday period	start date		end date	
Year 3 **contractor's** annual holiday period	start date		end date	

C 3.0 Payment of preliminaries [25.0]

Contractor's selection: Select Option A or B	**Option:**	

Where the contractor does not select an option, Option A shall apply

Payment methods

Option A	The **preliminaries** shall be paid in accordance with an amount prorated to the value of the **works** executed in the same ratio as the amount of the **preliminaries** to the **contract sum**, which **contract sum** shall exclude the amount of **preliminaries**. Contingency sum(s) and any provision for cost fluctuations shall be excluded for the calculation of the aforesaid ratio
Option B	The **preliminaries** shall be paid in accordance with an amount agreed by the **principal agent** and the **contractor** in terms of the **priced document** to identify an initial establishment charge, a time-related charge and a final dis-establishment charge. Payment of the time-related charge shall be assessed by the **principal agent** and adjusted from time to time as may be necessary to take into account the rate of progress of the **works**

Lump sum contract

Where the amount of **preliminaries** is not provided it shall be taken as 7.5% (seven and a half per cent) of the **contract sum**, excluding contingency sum(s) and any provision for cost fluctuations.

C 4.0 Adjustment of preliminaries [26.9.4]

Contractor's selection: Select Option A or B	**Option:**	

Where the contractor does not select an option, Option A shall apply

Provision of particulars

The **contractor** shall provide the particulars for the purpose of the adjustment of **preliminaries** in terms of his selection. Where completion in sections **is** required, the **contractor** shall provide an apportionment of **preliminaries** per **section**

Option A	An allocation of the **preliminaries** amounts into Fixed, Value-related and Time-related amounts as defined for adjustment method Option A below, within fifteen (15) **working days** of the date of acceptance of the tender
Option B	A detailed breakdown of the preliminaries amounts within fifteen (15) working **days of** possession of the site. Such breakdown shall include, inter alia, the administrative and supervisory staff, the use of **construction equipment**, establishment and dis-establishment charges, insurances and guarantees, all in terms of the **programme**

Adjustment Methods

The amount of **preliminaries** shall be adjusted to take account of the effect which changes in time and/or value have on **preliminaries**. Such adjustment shall be based on the particulars provided by the **contractor** for this purpose in terms of Options A or B, shall preclude any further adjustment of the amount of **preliminaries** and shall apply notwithstanding the actual employment of resources by the **contractor** in the execution of the **works**

Option A	The **preliminaries** shall be adjusted in accordance with the allocation of **preliminaries** amounts provided by the **contractor,** apportioned to **sections** where completion in **sections** is required Fixed - An amount which shall not be varied Value-related - An amount varied in proportion to the **contract value** as compared to the **contract sum**. Both the **contract sum** and the **contract value** shall exclude the amount of **preliminaries**, contingency sum(s) and any provision for cost fluctuations Time-related - An amount varied in proportion to the number of **calendar days** extension to the date of **practical completion** to which the **contractor** is entitled with an adjustment of the **contract value [**23.2; 23.3] as compared to the number of calendar **days in** the initial **construction period** [26.9.4]
Option B	The adjustment of **preliminaries** shall be based on the number of **calendar days** extension to the date of **practical completion** to which the **contractor** is entitled with an adjustment of the **contract value** [23.2; 23.3] as compared to the number of **calendar days** in the initial **construction period** [26.9.4] The adjustment shall take into account the resources as set out in the detailed breakdown of the **preliminaries** for the period of construction during which the delay occurred

Failure to provide particulars within the period stated

Option A	Where the allocation of **preliminaries** amounts for Option A is not provided, the following allocation of **preliminaries** amounts shall apply: Fixed - Ten per cent (10%) Value-related - Fifteen per cent (15%) Time-related - Seventy-five per cent (75%) Where the apportionment of the **preliminaries** per **section** is not provided, the categorized amounts shall be prorated to the cost of each **section** within the **contract sum** as determined by the **principal agent**
Option B	Where the detailed breakdown of **preliminaries** amounts for Option B is not provided, Option A shall apply

Lump sum contract

Where the amount of **preliminaries** is not provided it shall be taken as 7.5% (seven and a half per cent) Of the **contract sum**, excluding contingency sum(s) and any provision for cost fluctuations

GUARANTEE FOR CONSTRUCTION (PRO-FORMA)

Guarantee for Construction

For use with the **JBCC® Principal Building Agreement** edition /date

GUARANTOR DETAILS AND DEFINITIONS

Guarantor:			
Physical Address:			
Guarantor's signatory 1:		Capacity	
Guarantor's signatory 2:		Capacity	
Employer:			
Contractor:			
Principal Agent:			
Works:			
Site:			
Contract Sum:	Accepted amount inclusive of **tax**	Currency	
… amount in words:			
Guaranteed Sum:	The maximum aggregate amount	Currency	
… amount in words:			
Guarantee for Construction:	*(Insert Variable or Fixed)* Fixed		
Expiry Date:	As per item 2		

AGREEMENT DETAILS

Sections:	Total number / not applicable	Last Section	
Principal Agent issues	JBCC® format Interim Payment Certificates, the Final Payment Certificate, the Certificate of Practical Completion and the Certificate of Final Completion		

1.0 GUARANTEE FOR CONSTRUCTION (Variable) **Not applicable**

1.1 Where a Guarantee for Construction (Variable) in terms of the Agreement has been selected this clause 1.0 and 3.0 to 13.0 shall apply. The Guarantor's liability shall be limited to the diminishing amounts of the Guaranteed Sum as follows:

GUARANTOR'S LIABILITY	PERIOD OF LIABILITY
1.1.1 Maximum Guaranteed Sum (not exceeding 10% of the contract sum) in the amount of :	From and including the date of issue of this Guarantee for Construction and up to and including the date of issue of the Interim Payment Certificate certifying in excess of 50% of the contract sum

Amount in words:

1.1.2 Reducing to the Guaranteed Sum (not exceeding 6.0% of the contract sum) in the amount of:	From and including the day after the date of the aforesaid Interim Payment Certificate and up to and including the date of issue of the only Certificate of Practical Completion or last Certificate of Practical Completion where there are sections

Amount in words:

1.1.3 Reducing to the Guaranteed Sum (not exceeding 4.0% of the contract sum) in the amount of:	From and including the day after the date of the applicable Certificate of Practical Completion and up to and including the date of issue of the only Certificate of Final Completion or the last Certificate of Final Completion where there are sections

Amount in words:

1.1.4 Reducing to the Guaranteed Sum (not exceeding 2.0% of the contract) in the amount of:	From and including the day after the date of the applicable Certificate of Final Completion and up to and including the date of issue of the Final Payment Certificate where payment is due to the Contractor, whereafter this Guarantee for Construction shall expire. Where the Final Payment Certificate reflects payment due to the Employer, this Guarantee for Construction shall expire upon payment of the full amount certified

Amount in words:

1.2 The Guarantor's liability limits set out in 1.1.1 to 1.1.4 shall apply in respect of any claim received by the Guarantor during the guarantee validity period

2.0 GUARANTEE FOR CONSTRUCTION (Fixed)

2.1 Where a Guarantee for Construction (fixed) in terms of the Agreement has been selected this clause 2.0 and 3.0 to 13.0 shall apply. The Guarantor's liability shall be limited to the amount of the Guaranteed Sum as follows:

GUARANTOR'S LIABILITY	PERIOD OF LIABILITY
Maximum Guaranteed Sum (not exceeding 10 % of the contract sum) in the amount of:	From and including the date of issue of this Guarantee for Construction and up to and including the date of the only Certificate of Practical Completion or the last Certificate of Practical Completion where there are sections, whereafter this Guarantee for Construction shall expire

Amount in words:

3.0 The Guarantor acknowledges that:

3.1 Any reference in this Guarantee for Construction to the Agreement is made for the purpose of convenience and shall not be construed as any intention whatsoever to create an accessory obligation or any intention to create a suretyship;

3.2 Its obligation under this Guarantee for Construction is restricted to the payment of money; and

3.3 Reference to a Recovery Statement or an Interim or Final Payment Certificate, or a Certificate(s) of Practical or Final Completion shall mean such certificate issued by the Principal Agent

4.0 Subject to the Guarantor's maximum liability referred to in 1.0 or 2.0, the Guarantor hereby undertakes to pay the Employer the sum certified upon receipt of the documents identified in 4.1 to 4. 3:

4.1 A copy of a first written demand notice issued by the Employer to the Contractor stating that payment of a sum certified by the Principal Agent in an Interim or Final Payment Certificate has not been made in terms of the Agreement and failing such payment within seven (7) calendar days, the Employer intends to call upon the Guarantor to make payment in terms of 4.2;

4.2 A first written demand notice issued by the Employer to the Guarantor at the Guarantor's Physical Address with a copy to the Contractor stating that a period of seven (7) calendar days has elapsed since the issue of the first written demand notice in terms of 4.1 and that the sum certified has not been paid to date. The Employer herewith calls up this Guarantee for Construction and demands payment of the sum certified from the Guarantor; and

4.3 A copy of the applicable payment certificate which entitles the Employer to receive payment in terms of the Agreement of the sum certified in 4.0

5.0. Subject to the Guarantor's maximum liability referred to in 1.0 or 2.0, the Guarantor undertakes to pay the Employer the Guaranteed Sum or the full outstanding balance upon receipt of a first written demand notice from the Employer to the Guarantor at the Guarantor's Physical Address calling up this Guarantee for Construction stating that:

5.1 The Agreement has been terminated due to the Contractor's default and that the Guarantee for Construction is called up in terms of 5.0. The demand shall enclose a copy of the notice of termination; or

5.2 A provisional sequestration or liquidation court order has been granted against the Contractor and that the Guarantee for Construction is called up in terms of 5.0. The demand notice shall enclose a copy of the court order.

6.0 The aggregate amount of payments to be made by the Guarantor in terms of 4.0 and 5.0 shall not exceed the Guarantor's maximum liability in terms of 1.0 or 2.0.

7.0 Where the Guarantor is a registered insurer and has made payment in terms of 5.0, the Employer shall within one hundred and eighty (180) calendar days of receipt of payment submit an expense account to the Guarantor showing how all monies received in terms of the Guarantee for Construction have been expended, or will be expended, and shall refund to the Guarantor any surplus amount. All monies refunded to the Guarantor in terms of this Guarantee for Construction shall bear interest at the prime overdraft rate of the Employer's bank compounded monthly and calculated from the date of payment by the Guarantor to the Employer until the date of refund.

8.0 Payment by the Guarantor in terms of 4.0 or 5.0 shall be made within seven (7) calendar days upon receipt of the first written demand notice to the Guarantor.

9.0 The Employer shall have the absolute right to arrange his affairs with the Contractor in any manner which the Employer deems fit and the Guarantor shall not have the right to claim its release from this Guarantee for Construction on account of any conduct alleged to be prejudicial to the Guarantor.

10.0 The Guarantor chooses the Physical Address stated above for all notices and correspondences in relation to this Guarantee.

11.0 This Guarantee for Construction is neither negotiable nor transferable and shall expire in terms of either 1.1.4 or 2.1, or payment in full of the Guaranteed Sum or on the Expiry Date, whichever is the earlier, whereafter no claims will be considered by the Guarantor. The original Guarantee for Construction form shall be returned to the Guarantor after it has expired.

12.0 This Guarantee for Construction, with the required demand notices in terms of 4.0 or 5.0, shall be regarded as a liquid document for the purpose of obtaining a court order.

13.0 Where this Guarantee for Construction is issued in the Republic of South Africa this Guarantee for Construction shall be governed by the laws of the Republic of South Africa. A competent court in the Republic of South Africa shall have sole jurisdiction in terms of this Guarantee for Construction. Where this Guarantee for Construction is issued outside the Republic of South Africa, the laws of the guarantor who issued this Guarantee for Construction shall prevail. A competent court, in the jurisdiction in which the guarantor is domicile shall prevail.

Signed at: _____ Date: _____

Guarantor's Signatory 1: ---------- Guarantor's Signatory 2: ----------

Witness: ---------- Witness: ----------

Guarantor's seal or stamp

PART C1.3: DISPUTE RESOLUTION MECHANISM

C1.3 CIDB ADJUDICATOR'S AGREEMENT

C1.3 CIDB ADJUDICATOR'S AGREEMENT

This agreement is made on the . . . . . day of . . . . . between:. . . . . .

Contract Data

1	The Adjudicator shall be paid at the hourly rate of R. . . . . in respect of all time spent upon, or in connection with, the adjudication including time spent travelling.
2	The Adjudicator shall be reimbursed in respect of all disbursements properly made including, but not restricted to: (a) Printing, reproduction and purchase of documents, drawings, maps, records and photographs. (b) Telegrams, telex, faxes, and telephone calls. € Postage and similar delivery charges. (d) Travelling, hotel expenses and other similar disbursements. € Room charges. (f) Charges for legal or technical advice obtained in accordance with the Procedure.
3	The Adjudicator shall be paid an appointment fee of R . . . . . This fee shall become payable in equal amounts by each Party within ….. days of the appointment of the Adjudicator, subject to an Invoice being provided. This fee will be deducted from the final statement of any sums which shall become payable under item 1 and/or item 2 of the Contract Data. If the final statement is less than the appointment fee the balance shall be refunded to the Parties.
4	The Adjudicator is/is not* currently registered for VAT.
5	Where the Adjudicator is registered for VAT it shall be charged additionally in accordance with the rates current at the date of invoice.
6	All payments, other than the appointment fee (item 3) shall become due in 30 days after receipt of invoice, thereafter interest shall be payable at 5% per annum above the Reserve Bank base rate for every day the amount remains outstanding.

* Delete as necessary

PART C2
PRICING DATA

PART C2.1: PRICING INSTRUCTIONS

C2.1 Pricing Instructions

1 The Bills of Quantities have been drawn up in accordance with the Standard System of Measuring Building Work as amended) published and issued by the Association of South African Quantity Surveyors (Seventh Edition), 2015. Where applicable the:

a) Civil engineering work has been drawn up in accordance with the provisions of the latest edition of SABS 1200 Standardised Specifications for Civil Engineering Works.
b) Mechanical work has been drawn up in accordance with the provisions of the latest edition of SABS 1200 Standardised Specifications for Mechanical Engineering Works.
c) Electrical work has been drawn up in accordance with the provisions of the latest edition of SABS 1200 Standardised Specifications for Electrical Engineering Works.

2 The agreement is based on the JBCC Edition 6.2 of 2018, prepared by the Joint Building Contracts Committee, The additions, deletions and alterations to the JBCC Principal Building Agreement as well as the contract specific variables are as stated in the Contract Data. Only the headings and clause numbers for which allowance must be made in the Bills of Quantities are recited.

3 Preliminary and general requirements are based on the preliminaries for the use of JBCC Edition 6.2– May 2018. Only the headings and clause numbers for which allowance must be made in the Bills of Quantities are recited.

4 It will be assumed that prices included in the Bills of Quantities are based on Acts, Ordinances, Regulations, By-laws, International Standards and National Standards that were published 28 days before the closing date for tenders. (Refer to www.stanza.org.za or www.iso.org for information on standards).

5 The drawings listed in the Scope of Works used for the setting up of these Bills of Quantities are kept by the Principal Agent or Engineer and can be viewed at any time during office hours up until the completion of the works.

6 Reference to any particular trademark, name, patent, design, type, specific origin or producer is purely to establish a standard for requirements. Products or articles of an equivalent standard may be substituted by approval of the Principal Agent.

7 The bills of quantities forms part of and must be read and priced in conjunction with all the other documents forming part of the contract document, The Standard Conditions of Tender, Conditions of Contract, Specifications, Drawings, The document "Construction Works: Specifications: General Specification (PW371-A) Edition 2.0" is obtainable on the Department's website (http://www.publicworks.gov.za/ under "Consultants Guidelines"), and shall be read in conjunction with the **bills of quantities** / lump sum document and be referred to for the full descriptions of work to be done and materials to be used The document "Construction Works: Specifications: Particular Specification (PW371-B) Edition 2.0" is issued together with the drawings and shall be read in conjunction with the drawings and the **bills of quantities** / lump sum document

8 Where any item is not relevant to this specific contract, such item is marked N/A (signifying "not applicable")

9 The Contract Data and the standard form of contract referenced therein must be studied for the full extent and meaning of each and every clause set out in Section 1 (Preliminaries) of the Bills of Quantities

10 The Bills of Quantities is not intended for the ordering of materials. Any ordering of materials, based on the Bills of Quantities, is at the Contractor's risk.

11 The amount of the Preliminaries to be included in each monthly payment certificate shall be assessed as an amount prorated to the value of the work duly executed in the same ratio as the preliminaries bears to the total of prices excluding any contingency sum, the amount for the Preliminaries and any amount in respect of contract price adjustment provided for in the contract.

12 Where the initial contract period is extended, the monthly charge shall be calculated on the basis as set out in 11 but taking into account the revised period for completing the works.

13 The amount or items of the Preliminaries shall be adjusted to take account of the theoretical financial effect which changes in time or value (or both) have on this section. Such adjustments shall be based on adjustments in the following categories as recorded in the Bills of Quantities:

a) an amount which is not to be varied, namely Fixed (F)
b) an amount which is to be varied in proportion to the contract value, namely Value Related (V); and
c) an amount which is to be varied in proportion to the contract period as compared to the initial construction period excluding revisions to the construction period for which no adjustment to the contractor is not entitled to in terms of the contract, namely Time Related (T).

14 Where no provision is made in the Bills of Quantities to indicate which of the three categories in 13 apply or where no selection is made, the adjustments shall be based on the following breakdown:

a) 10 percent is Fixed
b) 15 percent is Value Related
c) 75 percent is Time Related

15 The adjustment of the Preliminaries shall apply notwithstanding the actual employment of resources in the execution of the works. The contract value used for the adjustment of the Preliminaries shall exclude any contingency sum, the amount for the Preliminaries and any amount in respect of contract price adjustment provided for in the contract. Adjustments in respect of any staged or sectional completion shall be prorated to the value of each section.

16 The tender price must include Value Added Tax (VAT). All rates, provisional sums, etc. in the bills of quantities must however be net (exclusive of VAT) with VAT calculated and added to the Total Value thereof in the Final Summary.

17. The Contractor shall adhere to "The national minimum wage determined by the Minister in accordance with the National Minimum Wage Act (NMWA)", and yearly pronounced increases for duration of contract.

18. The Contractor shall price the Specialist Subcontract works identified as such in the tender document based on the Specialist Subcontractors quotations plus any profit, attendance and overheads the Contractor may deem necessary

PART C2.2 – BILLS OF QUANTITIES

Item No		Quantity	Amount

SECTION No. 1: PRELIMINARIES

BILL No 1: PRELIMINARIES

BUILDING AGREEMENT AND PRELIMINARIES

The **JBCC** Principal Building Agreement (Edition 6.2 - May 2018) prepared by the Joint Building Contracts Committee shall be the applicable building agreement, amended as hereinafter described

The **JBCC** Principal Building Agreement **contract data** form an integral part of this **agreement**

The **JBCC** General Preliminaries (May 2018) published by the Joint Building Contracts Committee for use with the **JBCC** Principal Building Agreement (Edition 6.2 - May 2018) shall be deemed to be incorporated in these **bills of quantities**, amended as hereinafter described

The **contractor** is deemed to have referred to the above mentioned documents for the full intent and meaning of each clause

The clauses in the above mentioned documents are hereinafter referred to by clause number and heading only

Where any item is not relevant to this **agreement** such item is marked N/A signifying "not applicable"

Where standard clauses or alternatives are not entirely applicable to this **agreement** such amendments, modifications, corrections or supplements as will apply are given under each relevant clause heading and such amendments, modifications, corrections or supplements shall take precedence notwithstanding anything to the contrary contained in the above mentioned documents

PREAMBLES FOR TRADES

The General Preambles for Trades 2017 published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these **bills of quantities** and no claims arising from brevity of description of items fully described in the said General Preambles will be entertained

Supplementary preambles and/or specifications are incorporated in these **bills of quantities** to satisfy the requirements of this project. Such supplementary preambles and/or specifications shall take precedence over the provisions of the General Preambles

The **contractor's** prices for all items throughout these **bills of quantities** shall take account of and include where applicable for all of the obligations, requirements and specifications given in the General Preambles and in any supplementary preambles and/or specifications

If any discrepancy in any of the documents forming part of the contract is found, then the contract data and or amendments within the special conditions of contract and herein shall prevail in cases of conflict between any of the documents

Carried to Collection R

STRUCTURE OF THIS PRELIMINARIES BILL

Section A : A recital of the headings of the individual clauses in the aforementioned **JBCC** Principal Building Agreement

Section B : A recital of the headings of the individual clauses in the aforementioned **JBCC** General Preliminaries

Section C : Any special clauses to meet the particular circumstances of the project

PRICING OF PRELIMINARIES

Contractors are required to price all individual items in the preliminary and general section of the bill of quantities and should not lump the items into a single sum or amount. This fully priced schedule must be included as part of the priced bill of quantities returnable with tender submission

In the event that the contractor, due to causes of his own making, fails to achieve the targets set out in his construction programme and his performance is not in accordance with the contract, payment of the time related Preliminaries will be paid in proportion to the value of the monthly progress payment and not in accordance with the projected cash flow for this item. The principal agent shall review the status quo and revert to paying the contractor in accordance with the contract once the contractor has demonstrated improvement of their performance and the principal agent is satisfied that the contractor is performing diligently

Similarly the full amount of the fixed portion of the Preliminaries will be paid only once the successful contractor has fully complied with deliverables under this section

Should the **contractor** select Option A in the **contract data** for the adjustment of **preliminaries**, the amounts entered against the relevant items in these **preliminaries** are to be divided into one or more of the three categories provided namely fixed (F), value related (V) and time related (T)

SECTION A: PRINCIPAL BUILDING AGREEMENT

Interpretation (A1-A7)

1 Clause 1.0 - Definitions and interpretation

Pricing of bills of quantities

The **contractor** is to allow opposite each item for all costs in connection therewith. All prices to include, unless otherwise stated, for all materials, fabrication, conveyance and delivery, unloading, storing, unpacking, hoisting, labour, setting, fitting and fixing in position, cutting and waste (except where to be measured in accordance with the standard system of measurement), patterns, models and templates, plant, temporary works, returning of packaging, duties, taxes (other than Value Added Tax), imposts, establishment charges, overheads, profit and all other obligations arising out of this **agreement**. Value Added Tax (VAT) is to be separately stated on the summary page of these **bills of quantities**

Carried to Collection R

Items left unpriced will be deemed to be covered in prices against other items throughout these bills of quantities and no claim for any extras arising out of the contractor's omission to price any item will be entertained

Prices for all construction equipment, temporary works, services and other items shall include for the supply, maintenance, operating cost and subsequent removal and making good as necessary

Contractors are reminded that some of the works are to be undertaken under restrictive site conditions, over steep terrain, in dense vegetation, protected environments etc.

In addition to the usual rates priced for standard measured items in the bills of quantities, contractors shall provide for all additional plant, labour, equipment, temporary works, temporary access ways and any additional supervision, transport, security, special plant and equipment to navigate restrictive site conditions and all things necessary for the completion of the works within this bills of quantities. The rates or amounts tendered for these items shall also include for the contractors management, attendance, profit, costs for removal and reinstatement of the ground conditions, vegetation, etc. in the state and condition prior to the works being undertaken

In addition to the usual rates priced for compliance with law and regulation in relation to inspections, warranties, guarantees, tests, analysis, commissioning and all things necessary for compliance, the contractor is expected to include in the rates, prices and the tendered total of the prices for all inspections, warranties, guarantees, tests, analysis, commissioning and all things necessary for compliance, payable by the contractor

Such items include but are not limited to: - Electrical Compliance Certificate - Plumbing Compliance Certificate - Structural Steel Compliance Certificate - Lightning Certificate - Soil Protection Certificate - Concrete test results and cube certificates - Compaction Test results and certificates - Waterproofing guarantee certificates - TR1 and TR2 prefabricated roof truss certificates - Roof covering certificate - Soil compaction certificates - Electrical and Mechanical test certificates - Plumbing and drainage pressure test certificates - Fire Compliance Certificate - Entomology Certificate - SANS 10400-A:2010 compliance certificates - Any other requirement as per the latest National Building Regulation

Contractors are reminded and hereby given the opportunity to allow for and price all costs related to the abnormal working conditions referred to herein as no claims for additional costs will be entertained for any omission on the part of contractor

Clause 3.9 amended to read 'The priced document shall not be used as a specification for material and goods and the quantities should not be used for procurement purposes

All procurement of material will be based on actual site measurements and not on drawings, specifications or the bill of quantities

Abbreviated descriptions

The items in these **bills of quantities** utilise abbreviated descriptions. It is the intention that the abbreviated descriptions be fully described when read with the applicable measuring system and the relevant preambles and/or specifications. However, should the full intent and meaning of any description not be clear, the **contractor** shall, before submission of his tender, call for a written directive from the **principal agent**, failing which it shall be assumed that the **contractor** has allowed in his pricing for materials and workmanship in terms of international best practice

Legal status of contractor

Carried to Collection R

Section No. 1
PRELIMINARIES
Bill No. 1
PRELIMINARIES

	If the **contractor** constitutes a joint venture, consortium or other unincorporated grouping of two or more persons then: 1. These persons are deemed to be jointly and severally liable to the **employer** for the performance of this **agreement** 2. These persons shall notify the **employer** of their leader who has assigned authority to bind the **contractor** and each of these persons 3. The **contractor** shall not alter its composition or legal status without the prior written consent of the **employer**		
	F:..... V:..... T:.....	Item	
2	Clause 2.0 - **Law**, regulations and **notices**		
	F:..... V:..... T:.....	Item	
3	Clause 3.0 - Offer and acceptance		
	F:..... V:..... T:.....	Item	
4	Clause 4.0 - Cession and assignment		
	F:..... V:..... T:.....	Item	
5	Clause 5.0 - Documents **Value Added Tax** Provision is made in the summary page of these **bills of quantities** for the inclusion of Value Added Tax (VAT) **Priced document as specification** Clause 5.4 is deemed to be deleted The **principal agent** shall decide which portion of the **priced document** may be used as a specification of **materials and goods** or methods, if any **Electronic issue of drawings** Some drawings for this project will be issued electronically and the **contractor** shall be deemed to have received such drawings on the date that such drawings have been dispatched electronically [5.6]		
	F:..... V:..... T:.....	Item	
6	Clause 6.0 - **Employer's agents**		
	Carried to Collection	R	

Section No. 1
PRELIMINARIES
Bill No. 1
PRELIMINARIES

Delegated authority

The authority of the **principal agent** to issue **contract instructions** [17.1] and perform duties for specific aspects of the **works** is delegated to **agents** as follows [6.2]. This does not preclude the **principal agent** from issuing such **contract instructions**:

1. Architect

1.1 Duties [6.2] :

The architect is responsible for the architectural design, functional design and quality inspection of the **works**

1.2 **Contract instructions** [6.2; 17.1] :

1.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the **agreement** other than in the **JBCC** Principal Building Agreement

1.2.2 Alteration to design, standards or quantity of the **works** provided that such **contract instructions** shall not substantially change the scope of the **works**

1.2.3 The **site** [13.0]

1.2.4 Compliance with the **law**, regulations and bylaws [2.1]

1.2.5 Provision and testing of samples of **materials and goods** and/or of finishes and assemblies of elements of the **works**

1.2.6 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]

1.2.7 Removal or re-execution of work

1.2.8 Removal or substitution of any **materials and goods**

1.2.9 Protection of the **works**

1.2.10 Making good physical loss and repairing damage to the **works** [23.2.2]

1.2.11 Rectification of **defects** [21.2]

1.2.12 A **list for practical completion** specifying outstanding or defective work to be rectified to achieve **practical completion**, a **list for completion** and a **list for final completion** specifying outstanding or defective work to be rectified to achieve **final completion**

1.2.13 Expenditure of **budgetary allowances**, **prime cost amounts** and **provisional sums**

1.2.14 Appointment of a **subcontractor** [14.0; 15.0]

Carried to Collection R

1.2.15 Work by **direct contractors** [16.0]

1.2.16 On suspension or termination, protection of the **works**, removal of **construction equipment** and surplus **materials and goods** [29.0]

2. Quantity surveyor

2.1 Duties [6.2] :

The quantity surveyor is responsible for all measurements, valuations, financial assessments and all other quantity surveying and cost control functions of the **works**

2.2 **Contract instructions** [6.2; 17.1] :

2.2.1 No **contract instructions** delegated to the quantity surveyor

3. Civil and structural engineer

3.1 Duties [6.2] :

The civil and structural engineer is responsible for all aspects of civil and structural engineering design and quality inspection of the **works**

3.2 **Contract instructions** [6.2; 17.1] :

3.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the **agreement** other than in the **JBCC** Principal Building Agreement

3.2.2 Alteration to design, standards or quantity of the **works** provided that such **contract instructions** shall not substantially change the scope of the **works**

3.2.3 The **site** [13.0]

3.2.4 Compliance with the **law**, regulations and bylaws [2.1]

3.2.5 Provision and testing of samples of **materials and goods** and/or of finishes and assemblies of elements of the **works**

3.2.6 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]

3.2.7 Removal or re-execution of work

3.2.8 Removal or substitution of any **materials and goods**

3.2.9 Protection of the **works**

3.2.10 Making good physical loss and repairing damage to the **works** [23.2.2]

3.2.11 Rectification of **defects** [21.2]

Carried to Collection R

3.2.12 A **list for practical completion** specifying outstanding or defective work to be rectified to achieve **practical completion**, a **list for completion** and a **list for final completion** specifying outstanding or defective work to be rectified to achieve **final completion**

3.2.13 Expenditure of **budgetary allowances**, **prime cost amounts** and **provisional sums**

4. Mechanical engineer

4.1 Duties [6.2] :

The mechanical engineer is responsible for all aspects of mechanical engineering design and quality inspection of the **works** and, where appointed by the **employer** for quantity surveying services in respect of the mechanical installations, for all measurements, valuations, financial assessments and all other quantity surveying and cost control functions

4.2 **Contract instructions** [6.2; 17.1] :

4.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the **agreement** other than in the **JBCC** Principal Building Agreement

4.2.2 Alteration to design, standards or quantity of the **works** provided that such **contract instructions** shall not substantially change the scope of the **works**

4.2.3 Compliance with the **law**, regulations and bylaws [2.1]

4.2.4 Provision and testing of samples of **materials and goods** and/or of finishes and assemblies of elements of the **works**

4.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]

4.2.6 Removal or re-execution of work

4.2.7 Removal or substitution of any **materials and goods**

4.2.8 Protection of the **works**

4.2.9 Making good physical loss and repairing damage to the **works** [23.2.2]

4.2.10 Rectification of **defects** [21.2]

4.2.11 A **list for practical completion** specifying outstanding or defective work to be rectified to achieve **practical completion**, a **list for completion** and a **list for final completion** specifying outstanding or defective work to be rectified to achieve **final completion**

4.2.12 Expenditure of **budgetary allowances**, **prime cost amounts** and **provisional sums**

5. Electrical/Electronics engineer

Carried to Collection R

5.1 Duties [6.2] :

The electrical engineer is responsible for all aspects of electrical and electronics engineering design and quality inspection of the **works** and, where appointed by the **employer** for quantity surveying services in respect of the electrical installations, for all measurements, valuations, financial assessments and all other quantity surveying and cost control functions

5.2 **Contract instructions** [6.2; 17.1] :

5.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the **agreement** other than in the **JBCC** Principal Building Agreement

5.2.2 Alteration to design, standards or quantity of the **works** provided that such **contract instructions** shall not substantially change the scope of the **works**

5.2.3 Compliance with the **law**, regulations and bylaws [2.1]

5.2.4 Provision and testing of samples of **materials and goods** and/or of finishes and assemblies of elements of the **works**

5.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]

5.2.6 Removal or re-execution of work

5.2.7 Removal or substitution of any **materials and goods**

5.2.8 Protection of the **works**

5.2.9 Making good physical loss and repairing damage to the **works** [23.2.2]

5.2.10 Rectification of **defects** [21.2]

5.2.11 A **list for practical completion** specifying outstanding or defective work to be rectified to achieve **practical completion**, a **list for completion** and a **list for final completion** specifying outstanding or defective work to be rectified to achieve **final completion**

5.2.12 Expenditure of **budgetary allowances**, **prime cost amounts** and **provisional sums**

6. Health and safety consultant

6.1 Duties [6.2] :

The health and safety consultant is responsible for all aspects of health and safety of the **works**. Without derogating from the generality thereof, the health and safety consultant will perform the following specific functions and duties in respect of the health and safety aspects of the **works**. He shall:

6.1.1 Act as the **employer's agent** in terms of the Construction Regulations issued in terms of the Occupational Health and Safety Act, 1993 as amended

Carried to Collection R

	6.1.2 Prepare and update the health and safety specification for the **works**		
	6.1.3 Agree with the **contractor** the health and safety plan for the **works**		
	6.1.4 Carry out regular audits to ensure adherence to the safety plan and compliance with the act and regulations		
	6.1.5 Stop the execution of the **works** where the agreed specification or plan is not adhered to		
	F:..... V:..... T:.....	Item	
7	Clause 7.0 - Design responsibility		
	F:..... V:..... T:.....	Item	
	Insurances and securities (A8-A11)		
8	Clause 8.0 - **Works** risk		
	F:..... V:..... T:.....	Item	
9	Clause 9.0 - Indemnities		
	F:..... V:..... T:.....	Item	
10	Clause 10.0 - Insurances Clause 10.1.1 - Contracts Works Insurance		
	'the contractor shall be responsible for effecting and maintaining the contract works insurance for the full duration of the contract period. The insured amount for the full scope of works shall be 120% of the contract amount		
	Clause 10.1.2 - Supplementary Insurance Clause 10.1.3 - Public Liability Insurance Clause 10.1.4 - Removal of Lateral Support Insurance - N/A Clause 10.1.5 - Other Insurances - N/A		
	F:..... V:..... T:.....	Item	
11	Clause 11.0 - **Securities**		
	Clause 11.1 - Guarantee for construction		
	F:..... V:..... T:.....	Item	
	The contractor shall provide to the employer a **guarantee for construction** within fifteen (15) working days of acceptance of the contractor's tender		
	Clause 11.5 - Guarantee for payment		
	Carried to Collection	R	

	The employer shall not provide to the contractor a **guarantee for payment**. The contractor shall waive his lien or right of continuing possession of the works [11.10]		
	Extension of waiver of lien		
	The **contractor** shall ensure that a waiver of lien is included in all subcontracts and that the **works** executed on the **site** are kept free of all liens and other encumbrances at all times [11.10]		
	F:..... V:..... T:.....	Item	
	Execution (A12 - A17)		
12	Clause 12.0 - Obligations of the **parties**		
	Office accommodation		
	The **contractor** shall provide, maintain and remove on **practical completion** air conditioned office accommodation with suitable tables and chairs for meetings to be held on the **site**. Such offices shall be kept clean and fit for use at all times [12.2.18]		
	Notice board		
	The **contractor** shall erect in a position approved by the **principal agent**, maintain and remove on **practical completion** a notice board recommended by the South African Institute of Architects and as approved by the **principal agent** listing the names and logos of the **employer**, the **contractor** and the professional consultants. No subcontractor or supplier notice boards may be erected unless permission is granted by the **principal agent** for such notice boards to be erected [12.2.18]		
	Statutory and other notices		
	The **contractor** shall submit and/or comply with all statutory and other notices that may be required by any local or other authority in order not to cause any delay to the commencement of the **works** by the **contractor**. The **contractor** shall pay all deposits or fees in this regard		
	It is, however, specifically recorded that the **employer** shall be responsible for the timeous approval of building plans by any local or other authorities and the payment of any fees or charges related thereto		
	F:..... V:..... T:.....	Item	
13	Clause 13.0 - Setting out		
	F:..... V:..... T:.....	Item	
14	Clause 14.0 - Nominated **subcontractors**		
	F:..... V:..... T:.....	Item	
15	Clause 15.0 - Selected **subcontractors**		
	F:..... V:..... T:.....	Item	
	Carried to Collection	R	

16	Clause 16.0 - **Direct contractors** In respect of **direct contractors** the **contractor** shall: 1. Designate an area for the **direct contractor** to establish a temporary office and workshop and storage of equipment and materials 2. Allow the use of personnel welfare facilities, where provided 3. Provide water, lighting and single phase electric power to a position within 50m of the place where the direct contract work is to be carried out, other than fuel or power for commissioning of any installation 4. Permit the **direct contractor** to use erected scaffolding, hoisting facilities, etc. provided by the **contractor**, in common with others having the like right, while it remains erected on the **site** [16.1] F:..... V:..... T:.....	Item	
17	Clause 17.0 - **Contract instructions** **Site instructions** Instructions issued on **site** are to be recorded in a site instruction book which is to be supplied and maintained on **site** by the **contractor** F:..... V:..... T:.....	Item	
	<u>Completion (A18 - A24)</u>		
18	Clause 18.0 - Interim completion	N/A	
19	Clause 19.0 - **Practical completion** F:..... V:..... T:.....	Item	
20	Clause 20.0 - Completion in **sections** F:..... V:..... T:.....	Item	
21	Clause 21.0 - **Defects** liability period and **final completion** A 2.5% retention shall apply. The maintenance period shall be 12 months. F:..... V:..... T:.....	Item	
22	Clause 22.0 - **Latent defects** liability period F:..... V:..... T:.....	Item	
	Carried to Collection	R	

Section No. 1
PRELIMINARIES
Bill No. 1
PRELIMINARIES

23	Clause 23.0 - Revision of the date for **practical completion** **Adverse weather conditions** The contract duration includes a monthly allowance of 3 working days for adverse weather conditions [23.1.1] during which rainfall exceeds 10mm per day. These days shall be reflected on the critical path of the construction programme. Where the programmed delays for adverse weather conditions exceed the actual delays incurred the date for practical completion will not be adjusted. Where the actual delays incurred for adverse weather conditions exceed the programmed delays and such delays have impacted on the critical path of the construction programme, the date for practical completion will be adjusted should the requirements of Clause 23.0 be satisfied **Substitution of materials and goods** The removal or substitution of any **materials and goods** which do not conform to the specification or the **contract drawings** shall not constitute grounds for the extension of the **construction period** nor for the adjustment of the **contract value** [17.1.8; 23.1 & 2] F:..... V:..... T:.....	Item	
24	Clause 24.0 - **Penalty** for late or non-completion F:..... V:..... T:.....	Item	
	Payment (A25 - A27)		
25	Clause 25.0 - Payment **Prices submitted** Where prices are submitted by the **contractor** or **subcontractor** during the progress of the **works** in respect of **contract instructions** or in regard to a claim under the terms of this **agreement** and notwithstanding the fact that such prices may be used in an interim **payment certificate**, there is to be no presumption of acceptance. Should the **principal agent** wish to accept any such prices prior to the issue of the **certificate of final completion**, it shall be in writing Clause 25 amended to read 'The employer shall pay to the contractor the amount certified in interim payment certificate within thirty (30) calendar days of the date of issue of the payment certificate or the contractors tax invoice whichever is the later date' Materials and goods stored off site shall not be included in the amount authorised for payment unless the requirements for an Advanced Payment Guarantee are met F:..... V:..... T:.....	Item	
26	Clause 26.0 - Adjustment of the **contract value** and **final account** **Fluctuations in costs** All fluctuations in costs, with the exception of fluctuations in the rate of Value Added Tax, shall be for the account of the **contractor** [26.9.5]		
	Carried to Collection	R	

Tenant installation/user requirements delayed

There is a possibility that certain works related to tenant installation/user requirements may have to be delayed and may consequently not be executed prior to **practical completion**

Should the **contractor** be instructed to do so he shall execute this work under the conditions pertaining to this **agreement** on the basis that a separate amount for **preliminaries** appurtenant to this work (if applicable) is agreed to between the **contractor** and the **principal agent** and on condition that instruction to proceed with such work is given to him within a period of three (3) calendar months after the date of **practical completion** of the **works**

The contractor shall not receive any mark-up for overheads and profit on any omission of tenant installation work or tenant installation work by others. Claims of loss of profit shall not be considered

The **employer** reserves the right to omit such work without compensation to the **contractor** for loss of profit or any other loss which the **contractor** may suffer as a result of such omission

Cost of claims

All costs incurred by the **contractor** in the preparation of claims shall be borne by the **contractor**. This provision shall not preclude an adjudicator or an arbitrator appointed in terms of this **agreement** [30.6 & 7] from making a determination on costs

Claims from subcontractors

The **contractor** shall review, assess and adjudicate any claims received by him from any **subcontractor** and thereafter submit same to the **principal agent** with a recommendation in order to assist the **principal agent** in adjudicating the claim [26.6]

F:..... V:..... T:..... Item

27 Clause 27.0 - Recovery of expense and/or loss

F:..... V:..... T:..... Item

Suspension and termination (A28 - A29)

28 Clause 28.0 - Suspension by the **contractor**

F:..... V:..... T:..... Item

29 Clause 29.0 - Termination

F:..... V:..... T:..... Item

Dispute resolution (A30)

30 Clause 30.0 - Dispute resolution

F:..... V:..... T:..... Item

Carried to Collection R

Section No. 1
PRELIMINARIES
Bill No. 1
PRELIMINARIES

31	**Agreement** The required information of the **parties** and the amount of the **contract sum** shall be inserted in the **agreement** for signature of the **agreement** by the **parties** F:..... V:..... T:.....		Item	
32	**Contract data** **Tenderer's selections** Before submission of his tender the **contractor** is to complete the tenderer's selections in the **contract data** F:..... V:..... T:.....		Item	
	SECTION B: GENERAL PRELIMINARIES			
	Definitions and interpretation (B1)			
33	Clause 1.1 - Definitions F:..... V:..... T:.....		Item	
34	Clause 1.2 - Interpretation F:..... V:..... T:.....		Item	
	Documents (B2)			
35	Clause 2.1 - Checking of documents F:..... V:..... T:.....		Item	
36	Clause 2.2 - Provisional **bills of quantities Yes** **Multiple procurement** These **bills of quantities** are in multiple procurement format and **provisional sums.** F:..... V:..... T:.....		Item	
37	Clause 2.3 - Availability of **construction information** F:..... V:..... T:.....		Item	
38	Clause 2.4 - Ordering of **materials and goods** F:..... V:..... T:.....		Item	
		Carried to Collection	R	

	Previous work and adjoining properties (B3)		
39	Clause 3.1 - Previous work - dimensional accuracy		
	F:..... V:..... T:.....	Item	
40	Clause 3.2 - Previous work - **defects**		
	F:..... V:..... T:.....	Item	
41	Clause 3.3 - Inspection of adjoining properties		
	F:..... V:..... T:.....	Item	
	The site (B4)		
42	Clause 4.1 - Handover of **site** in stages		
	F:..... V:..... T:.....	Item	
43	Clause 4.2 - Enclosure of the **works**		
	Hoarding will be required to isolate areas; this hoarding has been allowed for in the bills of quantities	Item	
	F:..... V:..... T:.....		
44	Clause 4.3 - Geotechnical and other investigations		
	F:..... V:..... T:.....	Item	
45	Clause 4.4 - Encroachments		
	The contractor shall notify the principal agent if any encroachments of adjoining foundations, buildings, structures, pavements, boundaries, etc. exist in order that the necessary arrangements may be made for the rectification of any such encroachment		
	F:..... V:..... T:.....	Item	
46	Clause 4.5 - Existing premises occupied		
	The existing Laundry Area will be occupied and the contractor will be given certain hoarded off areas as agreed with the Hospital to work on		
	F:..... V:..... T:.....	Item	
47	Clause 4.6 - Services - known		
	F:..... V:..... T:.....	Item	
	Carried to Collection	R	

	Management of contract (B5)			
48	Clause 5.1 - Management of the **works**			
	F:..... V:..... T:.....		Item	
49	Clause 5.2 - Progress meetings			
	F:..... V:..... T:.....		Item	
50	Clause 5.3 - Technical meetings			
	F:..... V:..... T:.....		Item	
	Samples, shop drawings and manufacturer's instructions (B6)			
51	Clause 6.1 - Samples of materials			
	F:..... V:..... T:.....		Item	
52	Clause 6.2 - Workmanship samples			
	F:..... V:..... T:.....		Item	
53	Clause 6.3 - Shop drawings			
	F:..... V:..... T:.....		Item	
54	Clause 6.4 - Compliance with manufacturer's instructions			
	F:..... V:..... T:.....		Item	
	Deposits and fees (B7)			
55	Clause 7.1 - Deposits and fees			
	F:..... V:..... T:.....		Item	
	Temporary services (B8)			
56	Clause 8.1 - Water			
	F:..... V:..... T:.....		Item	
57	Clause 8.2 - Electricity			
	F:..... V:..... T:.....		Item	
		Carried to Collection	R	

58	Clause 8.3 - Ablution and welfare facilities Clause 8.3 - Ablution and welfare facilities in compliance to the provisions of the Construction Regulations 2014 issued in terms of the Occupational Health and Safety Act, 1993 as amended: Section (30): Sub-section (1)(a) - Shower facilities after consultation with the employees or the employees representatives, or at least one shower facility for every 15 persons; Sub-section (1)(b) - at least one sanitary facility for each sex and for every 30 workers; Sub-section (1)(c) - changing facilities for each sex and Sub-section (1)(d) - sheltered eating areas F:..... V:..... T:.....		Item	
59	Clause 8.4 - Communication facilities F:..... V:..... T:.....		Item	
	Prime cost amounts (B9)			
60	Clause 9.1 - prime cost amounts F:..... V:..... T:.....		Item	
	Attendance on subcontractors (B10)			
61	Clause 10.1 - General attendance F:..... V:..... T:.....		Item	
62	Clause 10.2 - Special attendance F:..... V:..... T:.....		Item	
	General (B11)			
63	Clause 11.1 - Protection of the **works** F:..... V:..... T:.....		Item	
64	Clause 11.2 - Protection/isolation of existing **works** and **works** occupied in **sections** F:..... V:..... T:.....		Item	
		Carried to Collection	R	

65	Clause 11.3 - Security of the **works** The contractor shall be briefed on the restrictions of movement, servitudes, access control, buildings in use, security requirements and security clearances, working hours, etc. and the employers control at all times. The contractor shall not extend his operations into any restricted or undefined areas Work shall be carried out during normal working hours. Any extended times or approval or overtime work shall be considered and approved by the PA. The contractor shall comply with the employers rules for the control of delivery of materials and goods into the site and for the removal of such items from the site The Contractor will be responsible for ensuring the security and protection of all material, hand tools, power tools, plant, equipment, machinery, etc. stored on the site The Contractor will be required to make arrangements with the Employer, through the Principal Agent, for the use of and reimbursement for the security measures currently in force and operational on the site F:..... V:..... T:.....		Item	
66	Clause 11.4 - Notice before covering work F:..... V:..... T:.....		Item	
67	Clause 11.5 - Disturbance **Disturbance** All work is to be carried out in such a manner as to cause no unacceptable or unreasonable dust, noise, vibrations, nuisance, inconvenience, annoyance and the like to the public, others, other properties and traffic in so far as they exceed the permissible limitations set by government legislation or by the local authority. Any delays, stoppages and the like arising from or in order to comply with the above will not constitute grounds for an adjustment to the **construction period** or **contract value** whatsoever F:..... V:..... T:.....		Item	
68	Clause 11.6 - Environmental disturbance **Controlling all forms of pollution** The **contractor** shall be responsible for and take all precautions in controlling by whatever means necessary all forms of pollution emanating from the **site** during the **construction period** due inter alia to noise, artificial light, wind-blown sand, dust, deposits of mud, etc. The **contractor** is to ensure that all roads which border the **site** and are used by the **contractor** during the execution of the **works** are kept clean and free of any dirt or debris caused by the execution of the **works** F:..... V:..... T:.....		Item	
		Carried to Collection	R	

Section No. 1
PRELIMINARIES
Bill No. 1
PRELIMINARIES

69	Clause 11.7 - **Works** cleaning and clearing		
	F:..... V:..... T:.....	Item	
70	Clause 11.8 - Vermin		
	F:..... V:..... T:.....	Item	
71	Clause 11.9 - Overhand work		
	F:..... V:..... T:.....	Item	
72	Clause 11.10 - Tenant installations		
	F:..... V:..... T:.....	Item	
73	Clause 11.11 - Advertising		
	F:..... V:..... T:.....	Item	
	SECTION C: SPECIFIC PRELIMINARIES		
74	Warranties for materials and workmanship		
	Where warranties for materials and/or workmanship are called for, the **contractor** shall obtain a written warranty, addressed to the **employer**, from the entity supplying the materials and/or executing the work and shall deliver same to the **principal agent** on **final completion** of the contract		
	The warranty shall state that workmanship, materials and installation are warranted for a specific period from the date of **practical completion** and that any **defects** that may arise during the specified period shall be made good at the expense of the entity supplying the materials and/or doing the work, upon written **notice** to do so		
	The warranty will not be enforced if the work is damaged by **defects** in the execution of the **works**, in which case the responsibility for replacement shall rest entirely with the **contractor**		
	F:..... V:..... T:.....	Item	
75	Overtime		
	Should overtime be required to be worked for any reason whatsoever, the cost of such overtime is to be borne by the **contractor** unless the **principal agent** has specifically authorised, prior to execution thereof, that costs for such overtime are to be borne by the **employer**		
	F:..... V:.....T:.....	Item	
	Carried to Collection	R	

76 Cooperation of the **contractor** for cost management

It is specifically agreed that the **contractor** accepts the obligation of assisting the **principal agent** in implementing proper cost management. The **contractor** will be advised by the **principal agent** of all cost management procedures which will be implemented to ensure that the **contract value** does not exceed the budget

F:..... V:.....T:..... Item

77 Health and safety

Without limiting the generality of the provisions of clause 2.0, the **contractor's** attention is drawn to the provisions of the Construction Regulations issued in terms of the Occupational Health and Safety Act, 1993 and latest amendments. It is specifically stated that the **employer** shall prepare a documented health and safety specification for the **works (issued as part of this tender document)** and that the **employer** shall ensure that the **contractor** has made provision for the cost of health and safety measures during the execution of the **works**. The **contractor** shall price opposite this item for compliance with the act and the regulations and the provisions of the aforementioned health and safety specification.

The **contractor** shall allow for the following:

1. **Health and Safety Specification and Plan**

   - Compliance with the Employer's Health and Safety Specification for the Works.
   - Preparation, submission, approval, implementation, and ongoing maintenance of a project-specific Health and Safety Plan, agreed with the **Employer's** appointed Health and Safety Consultant prior to commencement of construction.

2. **Co-operation and Management**

   - Full co-operation with the Employer, **Principal Agent**, and Health and Safety Consultant in all matters relating to health and safety.
   - Management, supervision, and enforcement of health and safety compliance by all subcontractors, including induction, monitoring, and control.

3. **Competent Health and Safety Personnel**

   - Full-time attendance on site of a SACPCMP-registered Construction Health and Safety Officer/Manager (CHSO/CHSM) from commencement of construction until achievement of **Practical Completion** and final project handover.
   - Provision of all necessary telecommunications and resources for such personnel.
   - Appointment of competent and responsible persons to manage, supervise, and enforce health and safety on site.

4. **Workmen's Compensation**

   - Registration with and payment of all required contributions to the Compensation Fund or an approved insurer for the full duration of the Contract, including renewals.

Carried to Collection R

Section No. 1
PRELIMINARIES
Bill No. 1
PRELIMINARIES

5. **Medical Surveillance**

- Pre-employment and exit medical examinations and certification of fitness for all employees.
- Annual medical examinations where the Contract period exceeds twelve (12) months.

6. **Emergency Preparedness and First Aid**

- Provision and maintenance of emergency and rescue equipment appropriate to the risk exposure, including stretchers, neck braces, first aid kits, and fire fighting equipment.
- Provision of at least Level 2 First Aiders in accordance with statutory requirements.

7. **Inspections and Equipment Certification**

- Appointment of competent and accredited inspectors for scaffolding, lifting machines, lifting tackle, and all other equipment requiring statutory inspection and certification.

8. **Training and Induction**

- Mandatory health and safety training including site induction, risk assessments, OHS Act and legal liability awareness, first aid training, and incident investigation.

9. **Health and Safety File**

- Implementation, maintenance, and regular updating of a project-specific Health and Safety File for the duration of the **Works**, and submission thereof at handover.

10. **Personal Protective Equipment (PPE)**

- Provision, replacement, and maintenance of all necessary SANS-approved personal protective equipment and protective clothing for all employees, in accordance with site-specific risk assessments.

11. **Fall Protection and Edge Protection**

- Barricading and hoarding for fall prevention.
- SANS-approved safety netting (orange in colour, minimum height 1.2 m).
- Personal fall arrest and rescue systems, including lifelines and associated equipment.
- Temporary handrails and toe boards, excluding scaffold access provisions.

12. **General Site Safety Measures**

- Provision of construction information, warning signage, and safety posters.

Carried to Collection R

- Safe lifting equipment for materials, including pipes, lifting tackles, and slings.
- Dust suppression and control measures to prevent nuisance.
- Provision of spill kits and drip trays where required.

13. **Housekeeping and Waste Management**

- Provision of waste bins.
- Safe collection, handling, and disposal of waste materials from site using approved methods.

F:..... V:..... T:..... Item

78 Reporting by the Contractor

The **Contractor** is required to complete a **CONTRACTOR MONTHLY REPORT** which is to be submitted together with the **Contractor's** payment claim

Payment of the **Contractor** is conditional on this information being accurate and timeously provided

Payment shall be subject to the **Contractor** giving the **Employer** a tax invoice for the amount due.

The **Contractor** is to take note of the following requirements -

At the bottom of the **CONTRACTOR MONTHLY REPORT**, the **Site Agent**, **Clerk of Works**, **CLO** or **Contractor** must sign the document as proof that the people indicated have worked the number of days

F:..... V:.....T:..... Item

79 Advertising rights

The **employer** may elect to contract with advertising agencies for the erection of advertising hoardings, banners, wraps or the like for the duration of the contract. The **contractor** shall not prevent such an arrangement and will assist in the facilitation of same. The position and type of advertising structure to be agreed with the **principal agent** so as not to hinder the **contractor** in meeting his obligations under this **agreement**

F:..... V:.....T:..... Item

Carried to Collection R

Section No. 1
PRELIMINARIES
Bill No. 1
PRELIMINARIES

80 Confidentiality

The **contractor** undertakes to maintain in confidence any and all information regarding this project and shall obtain appropriate similar undertakings from all **subcontractors** and suppliers. Such information shall not be used in any way except in connection with the execution of the **works**

No information regarding this project shall be published or disclosed without the prior written consent of the **employer**

F:..... V:.....T:..... Item

81 Media releases

All rights of publication of articles in the media, together with any advertising relating thereto or in any way connected with this project, shall vest with the **employer**

The **contractor** together with his **subcontractors** shall not, without the prior written consent of the **employer**, cause any statement or advertisement connected with this project to be printed, screened or aired by the media

F:..... V:.....T:..... Item

82 SMME Contractors as Sub-Contractors to the Principal Contractor

*The Tenderer must allow for all costs applicable that they may feel will be associated with the successful integration, development of and completion of **SMME Sub-contractors'** work to the approval of the Principal Agent on this project. Approximately **30%** of the building work needs to be allocated to SMME Sub-contractors*. C*ontractors will be required to supply verified monthly statements/schedules (verified by their auditors) indicating the **%** achieved for that month. A cumulative schedule also needs to be maintained for each month that has passed*

*Any additional costs that the Tenderer may deem applicable due to the use of **30%** of SMME Sub-contractors, should be allowed for in this item (Preliminaries, OHS, Profit and Attendance, etc.), as no claim for any additional costs attributable to the incorporation and development of SMME Sub-contractors on this project will be entertained after the tenders are submitted*

F:..... V:.....T:..... Item

SUMMARY OF CATEGORIES

Category : Fixed R.....

Category : Value R.....

Category : Time R.....

Carried to Collection R

Section No. 1
PRELIMINARIES
Bill No. 1
PRELIMINARIES

Section No. 1

Bill No. 1

PRELIMINARIES

COLLECTION

	Page No	Amount
Total Brought Forward from Page No.	1	
	2	
	3	
	4	
	5	
	6	
	7	
	8	
	9	
	10	
	11	
	12	
	13	
	14	
	15	
	16	
	17	
	18	
	19	
	20	
	21	
	22	
Carried Forward	R	

Section No. 1

Bill No. 1

PRELIMINARIES

COLLECTION

	Page No		Amount
Brought Forward		R	
Total Brought Forward from Page No.	23		
Carried to FINAL SUMMARY		R	

Item No		Quantity	Rate	Amount

SECTION No. 2: BUILDING WORKS

BILL No. 1: ALTERATIONS (PROVISIONAL)

The Tenderer is referred to the relevant Clauses in the separate Supplementary Preambles hereunder and Department of Public Works PW371 document and SANS 2001 Series documents

SUPPLEMENTARY PREAMBLES

All work described in this bill is to be to be executed in/on existing buildings and prices shall allow for this

General

Descriptions that include the text ".... take out/up/off/down and remove ....." shall indicate that the Tenderer shall allow that these items/materials shall become his property and shall be removed from site, or dumped at a site of disposal that the Tenderer has identified.

Descriptions that include the text "..... make good ....." shall indicate that the Tenderer shall allow for all associated costs of repairing disturbed finishes, costs of disconnecting/removing the items/materials and preparatory work to receive new items/materials.

Descriptions that include the text "..... carefully take out/up/remove ....." shall indicate that the Tenderer shall allow for all possible care in the removal process and temporarily storage processes, as these items/materials will be re-used elsewhere.

All costs associated with the above will be deemed to be included in the Tenderer's prices.

The Contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum of disturbance to adjoining premises and their tenants. He shall provide proper protection and provide, erect and remove when directed, any temporary tarpaulins that may be necessary during the progress of the works, all to the satisfaction of the Principal Agent.

Making good of finishes shall include making good of the brick and/or concrete surfaces onto which the new finishes are applied, where necessary

The Contractor will be required to take dimensions when fitting new items/elements to existing structures/frames, etc. as there may be some minor adjustments required and it shall be deemed that all prices shall include such minor adjustment work.

Carried to Collection R

Section No. 2
BUILDING WORKS
Bill No. 1
ALTERATIONS (PROVISIONAL)

	Viewing of the site				
	Before submitting his tender, the Contractor shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials contained in the buildings or portions of the buildings to be demolished. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained.				
	RELOCATION OF CONTAINERS ON EXISTING SITE, ETC.				
	Prefabricated Units/Steel Containers:				
1	Relocate existing steel container size 3,00 x 2,40 x 2,2m high to a location in the court yard area next to the laundry renovations to be indicated by the Architect by means of a tilt bed truck or other specialist machinery complete including all requirements (tenders to take note that the container is currently approximately 1,5m higher on the edge of the raised verandah area)	No	1		
	TEMPORARY BARRIERS, SCREENS, ETC.				
	Temporary hoarding including dismantling all hoarding, filling all post holes and compacting and levelling to adjacent ground levels, when phased work is completed:				
2	Hoarding formed of 1,8m high galvanised steel weldmesh type fencing with 50 x 100mm apertures, secured to and including 60mm diameter treated gumpole fencing posts 2400mm long at 2m centres, gumpoles securely bedded 600mm deep in ground, medium grade shade cloth securely fastened to and including four rows of 4mm diameter straining wires, fastened to fencing and posts with 2mm diameter galvanised binding wire at 400mm centres, including all excavations, etc.	m	28		
3	Vehicular double gate size 4000 x 1800mm high complete with all necessary posts, hinges, locking mechanism, etc.	No	1		
	TEMPORARY BARRIERS, SCREENS, ETC.				
	Temporary hoarding				
4	Hoarding formed of 5mm thick plywood walling fixed to 50 x 50mm timber framework with intermediate members at 2m centres, etc. fixed in position between brick walls including dismantling on completion and make good existing surfaces	m2	6		
	REMOVAL OF EXISTING WORK				
	Carried to Collection			R	

	Decanting from existing structures to be altered to temporary storage area including decanting to altered structures on completion and assisting with placing new laundry equipment (not part of contract) in position as directed by Engineers:				
5	Loose furniture and equipment completed		Item		
	Break down and remove existing brickwork or blockwork, etc.:				
6	270mm Brick wall	m2	37		
	Taking out and removing, including preparing to close opening (elsewhere measured)				
7	Steel window complete with three top hung opening out sections overall size 2625 x 540mm high including setting aside for reuse	No	1		
	Take out/up/off/down and remove existing windows, doors, including frames, burglars, security gates tc. and prepare for new frame and door (elsewhere measured):				
8	Steel roller shutter door size 2125 x 2070mm high from one brick wall	No	1		
9	Steel roller shutter door size 2125 x 2070mm high from one brick wall and setting aside for re-use elsewhere	No	1		
	Take up/down and remove existing roofs, floors, panelling, ceilings, partitions, etc.:				
10	Fibre cement ceilings complete with cornices, timber brandering, etc.	m2	140		
11	Metal side cladding roof covering (existing cladding to be cut back for 11,20m) and preparing area to receive roof timbers and roof sheeting (elsewhere measured)	m2	16		
12	Timber fascias	m	19		
13	PVC gutters, including accessories	m	8		
14	PVC downpipes including angles, bends and accessories	m	6		
15	Fibre cement gutters, including accessories	m	19		
	Hack up/off and remove existing internal plaster and wall finishes/tiles including preparing wall surfaces for new plaster or tiles (elsewhere measured):				
16	On walls generally	m2	2		
	Carried to Collection			R	

	Take out and remove piping, sanitary fittings, etc. including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere measured):				
17	15mm Copper piping including all fittings, brackets, etc.	m	5		
18	40/50mm PVC piping including all fittings, brackets, etc.	m	10		
19	110mm PVC piping including all fittings, brackets, etc.	m	5		
20	Wall type sink mixer including associated piping, etc.	No	1		
21	Wall mounted sink unit size 2200 x 600mm wide	No	1		
	BUILDING UP OPENINGS				
	Brickwork of NFP bricks in Class II mortar:				
22	270mm Hollow wall in two half brick skins with cavity between skins, the two skins tied together with including galvanised wire ties in patchings	m2	1		
	Sundries:				
23	Cut toothings for and bonding new brickwork to existing	m	1		
	SERVICING OF WINDOWS, ETC.				
	Putty repairs to existing steel windows:				
24	Allow for removing any loose putty, priming rebates where putty removed and applying new putty to SANS Specification 680 Type 2 for glazing in steel before painting of existing steel windows (painting elsewhere measured)	m	9		
	Carried to Collection			R	

Section No. 2

Bill No. 1

ALTERATIONS (PROVISIONAL)

COLLECTION

	Page No		Amount
Total Brought Forward from Page No.	26		
	27		
	28		
	29		
Carried Forward to Summary of Section No. 2		R	

Section No. 2
BUILDING WORKS
Bill No. 1
ALTERATIONS (PROVISIONAL)

Item No		Unit	Quantity	Rate	Amount

SECTION No. 2: BUILDING WORKS

BILL No. 2: MASONRY

The Tenderer is referred to the relevant Clauses in the separate Supplementary Preambles hereunder and Department of Public Works PW371 document and SANS 2001 Series documents

SUPPLEMENTARY PREAMBLES

Proprietary products in descriptions

Reference to any particular trademark, name, patent, design, type, specific origin or producer is purely to establish a standard for requirements. Products or articles of an equivalent standard may be substituted

Types of Bricks:

Unless otherwise stated all brickwork in these Bills of Quantities shall mean approved hard burnt Clay bricks.

Sizes in descriptions:

Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick.

Bagged and sealed walls

Walls in two skins described as "bagged and sealed" shall be deemed to include having the outer face of the inner skin bagged with 1:6 cement and sand mixture and sealed with two coats bitumen emulsion waterproofing coating

Cement mortar

Unless otherwise described, all brickwork shall be built in 5:1 cement mortar.

Face bricks

Bricks shall be ordered timeously to obtain uniformity in size and colour.

Carried to Collection R

	Pointing				
	Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc.				
	Samples, etc.				
	Rates for brickwork, faced brickwork, etc. shall include for all required samples				
	Hollow walls, etc.				
	Descriptions of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole.				
	Walls in two skins described as "bagged and sealed" shall be deemed to include having the outer face of the inner skin bagged with 1:6 cement and sand mixture and sealed with two coats "Brixeal" bitumen emulsion waterproofing coating.				
	BRICKWORK IN SUPERSTRUCTURE				
	Brickwork of NFP bricks in Class II mortar:				
1	Half brick wall above wall plate	m2	4		
2	One brick wall	m2	6		
3	270mm Hollow wall in two half brick skins with cavity between, the two skins tied together with including galvanised wire ties	m2	61		
	BRICKWORK SUNDRIES				
4	Closing 50mm cavity of hollow wall horizontally with one course of brickwork	m	28		
5	Closing 50mm cavity of hollow wall vertically with brickwork half brick wide	m	51		
6	Splayed mortar fillet one course high in 50mm cavity	m	26		
	Bagging and sealing the outer face of the inner skin of hollow wall with 1:3 cement and sand mixture and seal with two coats bitumen emulsion waterproofing coating:				
7	On walls	m2	67		
	Carried to Collection			R	

	Brickwork reinforcement:				
8	75mm Wide reinforcement built in horizontally	m	306		
	Prestressed fabricated lintols including necessary temporary supports:				
9	110 x 70mm Lintol in lengths not exceeding 3m	m	4		
	Galvanised hoop iron ties, cramps, etc.:				
10	4mm Diameter roof tie 2m girth bent double with one end fixed to timber and other end built into existing brickwork including making good	No	16		
11	30 x 1,2mm Cramp 600mm long one end built into brickwork and other end fixed to existing brick walls	No	12		
12	30 x 1,6mm Cramp 600mm long one end built into brickwork and other end fixed to existing concrete walls with and including two Fisher or other approved N6 x 35 nails to pre drilled 6mm holes	No	42		
	EXPANSION JOINTS				
13	10mm Thick expansion joint filler vertically between brick surfaces not exceeding 300 mm wide	m	24		
	FACE BRICKWORK				
	Corobrik Autumn Wheat Travertine or other approved FBS clay face brickwork, manufactured in accordance with SANS 227:2007, including pointing with 6mm square recessed horizontal and vertical joints as the work proceeds:				
14	Extra over ordinary brickwork for faced brickwork	m2	77		
15	110mm Wide brick-on-end soldier course lintol/band	m	4		
	PRESSED FIBRE CEMENT WINDOW CILLS				
	Natural grey cills in single lengths bedded in 4:1 sand cement mortar:				
16	15 x 175mm Cill set flat and fixed with galvanised fixing lugs at 400mm centres	m	3		
	Carried to Collection			R	

Section No. 2

Bill No. 2

MASONRY

COLLECTION

	Page No		Amount
Total Brought Forward from Page No.	31		
	32		
	33		
Carried Forward to Summary of Section No. 2		R	

Section No. 2
BUILDING WORKS
Bill No. 2
MASONRY

Item No		Unit	Quantity	Rate	Amount
	SECTION No. 2: BUILDING WORKS				
	BILL No. 3: WATERPROOFING				
	The Tenderer is referred to the relevant Clauses in the separate Supplementary Preambles hereunder and Department of Public Works PW371 document and SANS 2001 Series documents				
	SUPPLEMENTARY PREAMBLES				
	Proprietary products in descriptions				
	Reference to any particular trademark, name, patent, design, type, specific origin or producer is purely to establish a standard for requirements. Products or articles of an equivalent standard may be substituted				
	DAMPPROOFING OF WALLS AND FLOORS				
	One layer of 375 micron embossed polyethylene dampproof course (SANS 952-1985 type B):				
1	In walls, under cills, etc.	m2	12		
	JOINT SEALANTS, ETC.				
	Approved polysulphide sealing compound including backing cord, bond breaker, primer, etc.:				
2	10 x 10mm In vertical expansion joint between brick surfaces including raking out joint filler as necessary	m	48		
	Carried Forward to Summary of Section No. 2			R	

Item No			Quantity	Rate	Amount
	SECTION No. 2: BUILDING WORKS				
	BILL No. 4: ROOF COVERINGS, ETC.				
	The Tenderer is referred to the relevant Clauses in the separate Supplementary Preambles hereunder and Department of Public Works PW371 document and SANS 2001 Series documents				
	SUPPLEMENTARY PREAMBLES				
	Proprietary products in descriptions:				
	Reference to any particular trademark, name, patent, design, type, specific origin or producer is purely to establish a standard for requirements. Products or articles of an equivalent standard may be substituted				
	Fixing				
	Fixing shall be done according to SABS 1200HB with minimum 225mm end laps				
	Pricing				
	Prices for roof covering and cladding are to include for all necessary drive screws, hook bolts, clips, sheet bolts, nuts, washers, etc., for drilling holes for screws and bolts including removing all swarf from the sheeting and all right angle cutting and waste				
	PROFILED METAL SHEETING AND ACCESSORIES				
	Safintra 410 concealed fix roofing sheeting must be installed by an approved Roofing Contractor in strict accordance with the manufacturer's instructions. A ten year guarantee on thickness, workmanship, material and water tightness is required by the Principal Agent (to be supplied by Safal Group/Safintra)				
	The contractor shall include for all raking, cutting and waste when pricing this bill section				
	0,55mm Thick Saflok 410 concealed fix profile roofing Colorplus AZ200 or other approved interlocking aluminium-zinc roof sheeting and all required concealed fixing accessories, fixed to timber purlins (elsewhere measured) at approximately 1200mm centres, in accordance with the manufacturer's instructions:				
1	Roof covering with pitch not exceeding 25 degrees	m2	36		
	Carried to Collection			R	

2	Side cladding	m2	13		
	0,8mm Thick Concealed Fix flashings and closures, etc. finished to same finish as roof sheeting, including fixing to interlocking roofing on steel and/or timber roof trusses:				
3	Broad flute closers	m	12		
4	Side wall flashing 462mm girth	m	4		
5	Head wall flashing 462mm girth	m	12		
6	Apex flashing 231mm girth	m	12		
7	Purpose made capping fitted over apex flashing as per roof profile with and including sealing with an approved ABE or similar heavy duty pap and lap system to the approval of the architect	m	12		
	RAINWATER DISPOSAL				
	0,9mm Thick Watertite or other approved seamless aluminium gutters and rainwater pipes with ColourTechG4 finish to Rich Ivory colour, including fixing with heavy duty brackets in accordance with the manufacturer's instructions:				
8	75 x 100mm Eaves gutter	m	19		
9	Extra over gutter for stopped end	No	2		
10	Extra over gutter for angle	No	1		
11	Extra over gutter for outlet to suit 100 x 85mm rainwater pipe	No	2		
12	100 x 85mm Rainwater pipe	m	6		
13	Extra over rainwater pipe for bend or shoe	No	2		
14	Extra over rainwater pipe for eaves offset to 1400mm projection	No	2		
	Purpose made galvanised steel box gutters				
15	3mm Thick galvanised steel with a girth of 3632mm three times bent fixed to timber roof members	m	4		
16	Extra over gutter for stopped end	No	2		
17	Extra over gutter for and including outlet for 100mm diameter galvanised pipe 400mm long and 4mm thick	No	1		
	Carried to Collection			R	

18	Galvanised wire balloon grating fixed to galvanised mild steel gutter over rainwater outlet	No	1		
19	Extra over rainwater pipe for connection to existing 160mm uPVC rainwater pipe	No	1		
	ROOF INSULATION				
	Sisalation 420 FR or other approved heavy industrial grade aluminium foil based insulation:				
20	Insulation laid taut over purlins (at approximately 975mm centres) and fixed concurrent with roof covering, including galvanised steel straining wires, laps, etc.	m2	49		
	Carried to Collection			R	

Section No. 2
BUILDING WORKS
Bill No. 4
ROOF COVERING, ETC.

Section No. 2

Bill No. 4

ROOF COVERING, ETC.

COLLECTION

	Page No		Amount
Total Brought Forward from Page No.	36		
	37		
	38		
Carried Forward to Summary of Section No. 2		R	

Section No. 2
BUILDING WORKS
Bill No. 4
ROOF COVERING, ETC.

Item No		Unit	Quantity	Rate	Amount

SECTION No. 2: BUILDING WORKS

BILL No. 5: CARPENTRY & JOINERY

The Tenderer is referred to the relevant Clauses in the separate Supplementary Preambles hereunder and Department of Public Works PW371 document and SANS 2001 Series documents

SUPPLEMENTARY PREAMBLES

Proprietary products in descriptions

Reference to any particular trademark, name, patent, design, type, specific origin or producer is purely to establish a standard for requirements. Products or articles of an equivalent standard may be substituted

Prefabricated roof trusses/General Roof Timbers

Prefabricated timber roof trusses shall be constructed of South African pine by a firm of specialist designer manufacturer's as approved by the architect

Prices must include for all cross and wind bracing according to the manufacturer's instruction

Prices must include for the design, plans and approval of all timber trusses including a COC and no further claims shall be considered

Pre-fabricated timber roof trusses shall comply with the requirements of SABS Specification 0163 and be constructed of South African pine as described in clause 8.5 to the designs shown on the Manufacturer's detail drawings. The timber shall be of cross-sectional dimensions shown, cut to correct lengths with ends square or at the required angle

Trusses shall be assembled in truss fabricating jigs with the truss having the proper camber, all tightly clamped together with joints secured using approved connector plates of galvanised steel sheet. Connector plates shall be pressed into the timber simultaneously from both sides of the truss with a hydraulic press capable of exerting such pressure as will ensure complete penetration of the teeth into the timber

The connector plates shall be of such size as will ensure that the joints so made will adequately withstand the forces exerted on the joints

Carried to Collection R

In coastal areas connector plates in buildings without ceilings shall be painted with two coats of epoxy tar complying with SABS Specification 801 Type 2, or rust neutralising paint

Timber members built into brickwork to be given two coats of carbolineum and wrapped in plastic

Approval of pre-fabricated roofing systems, whether measured as an alternative or not, shall be subject to the following requirements:

(a) The Manufacturer of the pre-fabricated trusses shall hold a certificate of competence issued by the Institute for Timber Construction

(b) A polyester print, size A1 having a minimum thickness of 0,5mm, shall be submitted by the Contractor to the Regional Representative at an early stage for approval by the Directorate: Structural Engineering Services

(c) The drawings shall be signed by a Registered Professional Engineer whose name appears on the Departmental panel for structural work

(d) In the case of systems buildings, approval shall be given with submission of the contract drawings on acceptance of the tender

The following minimum information shall be shown on the drawings:

(a) Details of the roof system with the position of the rafters and purlins indicated thereon as well as typical elevations

(b) Bracing as recommended by the Institute for Timber Construction

(c) Sizes and grading of the timber components

(d) Truss sizes, e.g. height of ridge or angle of pitch

(e) Plate sizes for every construction point (Code numbers only are deemed insufficient)

(f) Separate connection details for hip, valley and jack rafters

(g) Maximum spacing for purlins and brandering to ceilings shall be according to specifications

(h) The type of roof covering as well as the design load. Over and above the supervision undertaken by the Representative/Agent, the Truss Fabricator or his Design Engineer shall inspect the completed roof structure and issue a certificate of confirmation to the Department that:

Carried to Collection R

Section No. 2
BUILDING WORKS
Bill No. 5
CARPENTRY & JOINERY

	"The roof structure(s) has (have) been erected in accordance with the Design Engineer's drawings, as accepted by the Department, and the relevant details given in the manual "THE ERECTION AND BRACING OF TIMBER ROOF TRUSSES" issued by the National Timber Research Institute and the Institute for Timber Construction"				
	The prefabricated timber roof trusses shall be designed by a Registered Professional Engineer and shall be in accordance with SABS 0160 and 0163, as well as the additional requirements of PW 371, clause 8.10. The wind loading shall be as determined in terms of Clause 5.5 of SABS 0160. The applicable terrain category shall be taken as Category 2.				
	All prices shall be deemed to include the cost of the Registered Professional Engineer and the issuing of a certificate on completion, certifying the workmanship, erection and materials meeting the stated requirements.				
	Fixing				
	All nailing of timber roof trusses, purlins, etc. shall be done with galvanised nails. In coastal areas, copper, aluminium or stainless steel nails shall be used				
	Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete				
	Where items are described as "bolted" the bolts have been measured elsewhere				
	GENERAL ROOF TIMBERS				
	Sawn softwood:				
1	50 x 76mm Purlins	m	32		
2	50 x 76mm bracing (to existing roof structures)(Provisional)	m	24		
3	38 x 114 Wall plate	m	8		
4	38 x 152mm Rafters in lengths exceeding 3,9m and not exceeding 6,6m	m	53		
	SOLID TIMBER DOORS				
	Carried to Collection			R	

	Wrot Meranti:				
5	40mm Thick framed, ledged, braced and battened door, formed of 44 x 107mm stiles and top rail, 22 x 107mm middle ledge, 44 x 222mm bottom rail and 22 x 69mm diagonal braces, with stiles, top and bottom rails rebated for and filled in with and including 22 x 69mm tongued, grooved and V-jointed one side vertical boarding, braces brass screwed to every board and bottom of door fitted with and including 3mm veneer panel on one size and including 40 x 70mm thick grooved and splayed weatherboard, size 813 x 2032mm high	No	2		
	FRAMES, ETC.				
	Wrot Meranti:				
6	44 x 70mm Twice angle rounded bolted into position in existing opening with and including three 8mm diameter x 75mm long rawlbolts per stile, with heads of bolts sunk and pelleted	m	10		
	Carried to Collection			R	

Section No. 2

Bill No. 5

CARPENTRY & JOINERY

COLLECTION

	Page No		Amount
Total Brought Forward from Page No.	40		
	41		
	42		
	43		
Carried Forward to Summary of Section No. 2		R	

Section No. 2
BUILDING WORKS
Bill No. 5
CARPENTRY & JOINERY

Item No		Unit	Quantity	Rate	Amount
	SECTION No. 2: BUILDING WORKS				
	BILL No. 6: CEILINGS, PARTITIONS & ACCESS FLOORING				
	The Tenderer is referred to the relevant Clauses in the separate Supplementary Preambles hereunder and Department of Public Works PW371 document and SANS 2001 Series documents				
	SUPPLEMENTARY PREAMBLES				
	Proprietary products in descriptions				
	Reference to any particular trademark, name, patent, design, type, specific origin or producer is purely to establish a standard for requirements. Products or articles of an equivalent standard may be substituted				
	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 have been given elsewhere				
	NAILED UP CEILINGS				
	9,5mm Thick Nutec or other approved fibre cement ceiling boarding, laid in staggered pattern with and including H-profile jointing strips, secured to brandering with drywall screws at maximum 150mm centres including skimming boarding with and including approved skimming plaster:				
1	Ceiling fixed to and including 38 x 50mm sawn softwood brandering at 450mm centres at joints, against walls, etc.	m2	143		
	CORNICES				
	Gypsum cornices plugged to walls:				
2	75mm Coved cornice secured to walls around existing ceilings	m	85		
	PARTITIONS, ETC. (PROVISIONAL)				
	Carried to Collection			R	

	Gypwall Classic 63/F60S46 or similar approved RhinoWall Standard Ultrasteel Stud Drywall				
	Drywall partitioning system with overall thickness of 114mm, shall comprise steel stud and track system, stud size 63,5mm with vertical Drywall Ultrasteel studs at maximum 600mm centres friction fitted to the head and floor tracks with similar additional vertical studs as necessary at abutments, ends, etc. and covered on both sides with two layers of 12,5mm taper-edged Rhinoboard screwed to studding with drywall screws at maximum 220mm centres and natural anodised aluminium capping piece on top. Boards are to be butt jointed and finished with tape and Rhinolite plaster all in accordance with the manufacturer's instructions. Intersections and abutments are measured separately and descriptions shall be deemed to include any additional studs, corner beads, jointing compound, tape, etc.				
3	Partitioning 3440mm high with head and floor track plugged	m	4		
4	Extra over for ends	No	2		
	Insulation				
5	51mm Thick glass tissue faced on one side Glasswool Cavitybatt or equal and approved insulation in cavity of partitioning, installed all in accordance with the manufacturer's instructions	m2	13		
	INSULATION				
	Isotherm or other approved non-combustible lightweight insulation blanket:				
6	100mm Thick flexible polyester insulation blanket closely fitted between tie beams and laid loose on top of brandering.	m2	121		
	Carried to Collection			R	

Section No. 2

Bill No. 6

CEILINGS, PARTITIONS & ACCESS FLOORING

COLLECTION

	Page No		Amount
Total Brought Forward from Page No.	45		
	46		
Carried Forward to Summary of Section No. 2		R	

Section No. 2
BUILDING WORKS
Bill No. 6
CEILINGS, PARTITIONS & ACCESS FLOORING

Item No		Unit	Quantity	Rate	Amount

SECTION No. 2: BUILDING WORKS

BILL No. 7: IRONMONGERY (PROVISIONAL)

The Tenderer is referred to the relevant Clauses in the separate Supplementary Preambles hereunder and Department of Public Works PW371 document and SANS 2001 Series documents

SUPPLEMENTARY PREAMBLES

Proprietary products in descriptions

Reference to any particular trademark, name, patent, design, type, specific origin or producer is purely to establish a standard for requirements. Products or articles of an equivalent standard may be substituted

Fixing of ironmongery

Descriptions of wall mounted and floor standing ironmongery items shall be deemed to include for fixing in position and all fixing accessories.

Descriptions of proprietary items shall be deemed to include fixing in position and all fixing accessories as specified by the manufacturer.

Finishes to ironmongery

Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list:

BS Satin bronze lacquered
CP 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 Fixing

Carried to Collection R

Section No. 2
BUILDING WORKS
Bill No. 7
IRONMONGERY (PROVISIONAL)

	Descriptions of wall mounted and floor standing ironmongery items shall be deemed to include for fixing in position and all fixing accessories Descriptions of proprietary items shall be deemed to include fixing in position and all fixing accessories Unless otherwise described locks shall have two keys each				
	HINGES, BOLTS, ETC.				
	Dormakaba or other approved:				
1	DBB-SS-009 102 x 75 x 3mm two ball bearing butt hinge	Pairs	3.0		
	LOCKS				
	Dormakaba or other approved:				
2	DO36S SS cylinder sashlock	No	2		
3	DDC206301 GMK 63mm five pin euro-profile double cylinder grand master keyed	No	2		
	HANDLES				
	Dormakaba or other approved:				
4	TH120 BP lever handle on 170 x 170mm stainless steel back plate with cylinder cut out	Pairs	2		
	DOOR STOPS, CABIN HOOKS, ETC.				
	Dormakaba or other approved:				
5	DDS-SS-017 floor mounted door stop	No	2		
	Carried to Collection			R	

Section No. 2

Bill No. 7

IRONMONGERY (PROVISIONAL)

COLLECTION

	Page No		Amount
Total Brought Forward from Page No.	48		
	49		
Carried Forward to Summary of Section No. 2		R	

Section No. 2
BUILDING WORKS
Bill No. 7
IRONMONGERY (PROVISIONAL)

Item No		Unit	Quantity	Rate	Amount
	SECTION No. 2: BUILDING WORKS				
	BILL No. 8: METALWORK				
	The Tenderer is referred to the relevant Clauses in the separate Supplementary Preambles hereunder and Department of Public Works PW371 document and SANS 2001 Series documents				
	SUPPLEMENTARY PREAMBLES				
	Proprietary products in descriptions				
	Reference to any particular trademark, name, patent, design, type, specific origin or producer is purely to establish a standard for requirements. Products or articles of an equivalent standard may be substituted				
	General				
	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.				
	Hot dip galvanising				
	Where hot dip galvanising is specified, it should be executed in accordance with SANS 121:2011 (ISO 1461:2009), unless otherwise described				
	GALVANISED STEEL FLOORS, ETC.				
	Welded and bolted floor infill support structure:				
1	Parallel flange channel 230 x 90 x 32.2kg/m	t	0.24		
2	Equal angle size 60 x 60 x 5mm x 4.57kg/m	t	0.06		
3	8mm Vastrap plate or other approved plate floor panels fixed to support structure	m2	6.64		
	Carried to Collection			R	

4	10mm Plate size 230 x 90mm welded with 6mm fillet welds all round to PFC 230 x 90mm (elsewhere measured) with an including 2 x M16 anchor bolts (elsewhere measured) secured to existing brickwork with HIT-HY170 mortar	No	4		
5	M16mm Expansion bolt	No	8		
	GALVANISED STEEL WALL SUPPORT STRUCTURE, ETC.				
	Bolted wall support structure:				
6	Lipped channel 200 x 75 x 20 x 20 x 9.90kg/m girt	t	0.15		
7	Equal angle size 50 x 50 x 3mm x 2.4kg/m	t	0.40		
8	8mm Equal angle 80 x 80mm size 170 x 90mm bolted to lipped channel 200 x 75 x 20mm (elsewhere measured) with an including 2 x M16 anchor bolts (elsewhere measured) and 2 x M16 anchor bolts (elsewhere measured) and secured to existing brickwork with HIT-HY170 mortar	No	8		
9	M16mm Expansion bolt	No	32		
	ROLLER SHUTTER DOORS				
	Re-use roller shutter door:				
10	Existing roller shutter door (elsewhere removed) size 2070 x 2125mm high including servicing before assembly	No	1		
	Xpanda or other approved galvanised roller shutter door units complete:				
11	Standard chain operated roller shutter door for 2070 x 2125mm high with 1mm thick and 45mm width interlocking steel slats, pre-galvanised steel channel section guides, nylon end locks fitted every alternative slat and a double steel 40 x 40 x 5mm thick angle interlocked into curtain, forming an aluminium T-bar, rubber weather resistant strip fitted to bottom	No	1		
	EXISTING STEEL WINDOW				
	Re-use steel window assembly to be built into wall, also including four (in no.) mild steel lugs 230 x 1.6mm thick to be built into wall, plugged to brickwork or concrete, including clear silicone sealant applied around:				
12	Existing steel window (elsewhere removed) complete with three top hung opening out sections overall size 2625 x 540mm high including fitting of new stays and handles as required	No	1		
	Carried to Collection			R	

Section No. 2

Bill No. 8

METALWORK

COLLECTION

	Page No		Amount
Total Brought Forward from Page No.	51		
	52		
Carried Forward to Summary of Section No. 2		R	

Section No. 2
BUILDING WORKS
Bill No. 8
METALWORK

Item No		Unit	Quantity	Rate	Amount
	SECTION No. 2: BUILDING WORKS				
	BILL No. 9: PLASTERING				
	The Tenderer is referred to the relevant Clauses in the separate Supplementary Preambles hereunder and Department of Public Works PW371 document and SANS 2001 Series documents				
	SUPPLEMENTARY PREAMBLES				
	Proprietary products in descriptions				
	Reference to any particular trademark, name, patent, design, type, specific origin or producer is purely to establish a standard for requirements. Products or articles of an equivalent standard may be substituted				
	GRANOLITHIC				
	Untinted granolithic on concrete:				
1	40mm Thick on floors and landings to falls (provisional)	m2	63		
	INTERNAL PLASTER				
	4:1 Cement plaster (SANS 2001) steel trowelled on brickwork/concrete:				
2	On walls	m2	80		
3	On narrow widths	m2	2		
	Carried Forward to Summary of Section No. 2			R	

Item No		Unit	Quantity	Rate	Amount
	SECTION No. 2: BUILDING WORKS				
	BILL No. 10: PAINTWORK				
	The Tenderer is referred to the relevant Clauses in the separate Supplementary Preambles hereunder and Department of Public Works PW371 document and SANS 2001 Series documents				
	SUPPLEMENTARY PREAMBLES				
	Proprietary products in descriptions				
	Reference to any particular trademark, name, patent, design, type, specific origin or producer is purely to establish a standard for requirements. Products or articles of an equivalent standard may be substituted				
	Previously painted plastered surfaces				
	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				
	Previously painted metal surfaces				
	Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal				
	Previously painted wood surfaces				
	Surfaces shall be thoroughly cleaned down. Blistered or peeling paint or varnish shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth				
	PAINTWORK TO NEW AREAS				
	External elements to some areas may be painted in a predetermined colour scheme				
	ON INTERNAL FLOATED PLASTER OR SKIMMED SURFACES				
	Prepare and apply one coat plaster primer and two coats Duraplast plastic paint on:				
1	Plastered internal walls	m2	80		
	Carried to Collection			R	

2	Skimmed internal partitions	m2	14		
3	Skimmed Ceilings	m2	143		
	ON FIBRE CEMENT				
	Prepare and apply one coat undercoat and two coats exterior quality acrylic paint on:				
4	Cills, etc. not exceeding 300mm girth	m	3		
	ON WOOD				
	Prepare and apply one coat pink wood primer and two coats eggshell enamel paint on:				
5	Timber doors (both sides measured)	m2	7		
6	Timber frames, cills, etc. not exceeding 300mm girth	m	10		
	PAINTWORK TO PREVIOUSLY PAINTED SURFACES				
	Wash down soiled surfaces with sugar soap, sand down and apply two coats Duraplast plastic paint on:				
7	Internal walls (Provisional)	m2	107		
	Sand down, remove all flaking paint and apply one coat calcium plumbate primer and two coats eggshell enamel paint on:				
8	Galvanised steel windows (both sides measured)	m2	3		
	Sand down, remove all flaking paint apply skimming coat and apply two coats interior quality acrylic paint on:				
9	Fibre cement ceilings with cover strips	m2	98		
	Carried to Collection			R	

Section No. 2

Bill No. 10

PAINTWORK

COLLECTION

	Page No		Amount
Total Brought Forward from Page No.	55		
	56		
Carried Forward to Summary of Section No. 2		R	

Section No. 2
BUILDING WORKS
Bill No. 10
PAINTWORK

SECTION SUMMARY - BUILDING WORKS

Bill No		Page No	Amount
1	ALTERATIONS (PROVISIONAL)	30	
2	MASONRY	34	
3	WATERPROOFING	35	
4	ROOF COVERING, ETC.	39	
5	CARPENTRY & JOINERY	44	
6	CEILINGS, PARTITIONS & ACCESS FLOORING	47	
7	IRONMONGERY (PROVISIONAL)	50	
8	METALWORK	53	
9	PLASTERING	54	
10	PAINTWORK	57	

Carried to FINAL SUMMARY R

Section No. 2
BUILDING WORKS

DORA NGINZA HOSPITAL: LAUNDRY EXTENSION - FINAL SUMMARY

Section No		Page No		Amount
1	PRELIMINARIES	25		
2	BUILDING WORKS	58		
	ELECTRICAL INSTALLATION			
	ELECTRICAL INSTALLATION		SUM	
	MECHANICAL INSTALLATION			
	VENTILATION EQUIPMENT INSTALLATION		SUM	
	DOMESTIC WATER INSTALLATION		SUM	
	COMPRESSOR RELOCATION INSTALLATION		SUM	
	Sub Total		R	
	MONETARY PROVISIONS			
	The following monetary provisions have been made in the contract and must be omitted from the contract sum at the start of the contract and used as directed below.			
	Please note: These are monetary provisions only and the use, value and payment thereof are subject to adjustment based on actual costs through contractually approved variation orders and escalation costs calculated in terms of the prescribed contractual escalation calculations directives respectively.			
	CONTINGENCIES			
	Allow the sum of R20 000.00 (Twenty Thousand) for Contingencies, to be adjusted, used and paid as instructed and approved by the Client in terms of clauses 17, 25 and 26 of the Principal Building Agreement (refer JBCC).		R	20 000.00
	Sub Total		R	
	VALUE ADDED TAX 15%		R	
	TOTAL BUILDING WORKS INCLUDING VAT		R	
	Carried to C1.1 - Form of Offer and Acceptance		R	

ELECTRICAL INSTALLATION

DORA NGINZA HOSPITAL - NEW LAUNDRY ROOM
ELECTRICAL INSTALLATIONS
BILL NO. 1 : PROVISIONAL AND SUPERVISION AMOUNTS

ITEM	DESCRIPTION	UNIT	QTY	RATE	TENDER AMOUNT
	A Preliminary and General item is provided to cover the Contractor's charges for compliance with the Conditions of Contract and this Specification, including the provision, maintenance and removal of his site establishment, etc.				
1,10	FIXED CHARGES				
1.1.1	Site Establishment	Sum	1		
1.1.2	Removal of Site Establishment	Sum	1		
1.1.3	Provision of Electricity and Water	Sum	1		
1.1.4	Provision of Toilet Facilities	Sum	1		
1.1.5	**Other Fixed-charge Obligations**	Sum	1		
	(Please Specify).	Sum	1		
	. . . . .	Sum	1		
1,20	CONTRACTUAL REQUIREMENTS				
1.2.1	Provision of Sureties	Sum	1		
1.2.2	Insurances	Sum	1		
1.2.3	Third Party Insurance	Sum	1		
1.2.4	Guarantee of the Works	Sum	1		
1.2.5	Provide Test Results	Sum	1		
1.2.6	Provision of Record Drawings	Sum	1		
1.2.7	All OHSA Requirements including safety equipment and clothing	Sum	1		
1.2.8	All HIV / AIDS Specification Requirements	Sum	1		
1.2.9	**Other Value Related Obligations**	Sum	1		
	(Please Specify).	Sum	1		
	. . . . .	Sum	1		
1,30	TIME-RELATED ITEMS		1		
1.3.1	Contractual Requirements	Sum	1		
1.3.2	Operation and Maintenance of Site Establishment	Sum	1		
1.3.3	Supervision for the Duration of Contract	Sum	1		
1.3.4	**Other Time-Related Obligations**	Sum	1		
	(Please Specify).	Sum	1		
	. . . . .	Sum	1		
	TOTAL SCHEDULE NO. 1 TO PRICE SUMMARY				

DORA NGINZA HOSPITAL - NEW LAUNDRY ROOM
ELECTRICAL INSTALLATIONS
BILL NO. 2 : DISTRIBUTION BOARDS

ITEM	DESCRIPTION	UNIT	QTY	RATE	TENDER AMOUNT
2.1	Existing LV Mains Panel (Generator Room) 500A 40kA 3 pole circuit breaker in the existing panel including cutting of panel cover to fit in the new breaker. Price to include suitable wires/cables feeding the breaker				
	Supply	each	1		
	Install	each	1		
2.2	**Distrubution Board** Flush and surface mounted Distribution Boards fitted into frames and Trays with Doors to Specification and drawings.				
2.2.1	DB Laundry				
	Supply	each	1		
	Install	each	1		
TOTAL SCHEDULE NO. 2 TO PRICE SUMMARY					

DORA NGINZA HOSPITAL - NEW LAUNDRY ROOM
ELECTRICAL INSTALLATIONS
BILL NO. 3 : CABLES

ITEM	DESCRIPTION	UNIT	QTY	RATE	TENDER AMOUNT
3.1	**Cables** PVC SWA PVC ECC Cable drawn into building entry sleeve, mounted on Tray, Ladder or Wire Basket. All 600/1000V Copper Cables as specified. Cables to have additional bare copper conductor for earthing. If not available tenderer to allow addition suitable earth conductor for the cable				
3.1.1	95mm² 4 Core Al with ECC (Generator Room to SDB Laundry)- 2 x parallel				
	Supply	m	30		
	Install	m	30		
3.1.2	Termination for 95mm² 4 Core Al Cable				
	Supply and Install	each	4		
3.1.3	10mm² 2 Core cable				
	Supply	m	20		
	Install	m	20		
3.1.4	Termination for 10mm² 2 Core Cu Cable				
	Supply and Install	each	1		
3.1.5	25mm² 4 Core Cu Cable				
	Supply	m	40		
	Install	m	40		
3.1.6	Termination for 25mm² 4 Core Cable				
	Supply and Install	each	4		
3.1.7	16mm² 1 Core Cu Cable				
	Supply	m	20		
	Install	m	20		
3.1.8	Termination for 16mm² 1 Core Cu Cable				
	Supply	each	2		
	Install	each	2		
3.1.9	16mm² 4 Core Cu Cable				
	Supply	m	20		
	Install	m	20		
3.1.10	Termination for 16mm² 4 Core Cu Cu Cable				
	Supply	each	2		
	Install	each	2		
3.1.11	50mm² 4 Core Cu Cable				
	Supply	m	60		
	Install	m	60		
3.1.12	Termination for 50mm² 4 Core Cu Cable				
	Supply and Install	each	4		
3.2	Bare copper earth wire tied to a corresponding cable including termination				
3.2.1	25mm²				
	Supply	m	80		
	Install	m	80		
3,2,2	16mm²				
	Supply	m	20		
	Install	m	20		
3.2.3	10mm²				
	Supply	m	20		
	Install	m	20		
TOTAL SCHEDULE NO. 3 TO PRICE SUMMARY					

DORA NGINZA HOSPITAL - NEW LAUNDRY ROOM
ELECTRICAL INSTALLATIONS
BILL NO. 4 : LUMINAIRES

ITEM	DESCRIPTION	UNIT	QTY	RATE	TENDER AMOUNT
4.1	**Luminaires** Luminaires mounted on concrete or suspended ceilings, or on brickwork including lamps and fixing material. **NOTE: See contract document for detailed technical specifications.**				
4.1.7	Type-G1 (40W LED Vapour Proof luminaire 1250mm long)				
	Supply	each	10		
	Install	each	10		
	TOTAL SCHEDULE NO. 4 TO PRICE SUMMARY				

DORA NGINZA HOSPITAL - NEW LAUNDRY ROOM
ELECTRICAL INSTALLATIONS
BILL NO. 5 : SWITCHGEAR EQUIPMENT

ITEM	DESCRIPTION	UNIT	QTY	RATE	TENDER AMOUNT
5.1	**Switchgear**				
5.1.1 a	16 Amp rocker type light switch with cover plate installed into a **Surface powder coated metal box**. Surface powder coated metal box to be included in the price				
	Single lever, one way				
	Supply	each	3		
	Install	each	3		
5.1.2	Photo cell switch				
	Supply	each	1		
	Install	each	1		
5,2	**Switchgear**				
5.2.1	16 Amp rocker type Socket Outlets 1x SANS 164-1 & 1x SANS 162-1 with cover plates installed in a **flush wall Box**. Colour: WHITE				
	Supply	each	4		
	Install	each	4		
5.3	**ISOLATORS FOR HVAC AND LAUNDRY EQUIPMENT** Supply and install complete Air conditioning points including all cables, isolators and associated equipment.				
5.3.1	20 Amp indoor flush wall mounted double isolator.	each	1		
5.3.2	32 Amp outdoor flush wall mounted 5 pole isolator.	each	1		
5.3.3	200 Amp outdoor flush wall mounted three pole isolator.(Metal enclosure)	each	2		
5.3.4	63 Amp outdoor flush wall mounted 5 pole isolator IP67	each	2		
5.3.5	63 Amp outdoor flush wall mounted three pole isolator.	each	1		
	TOTAL SCHEDULE NO. 5 TO SUMMARY				

DORA NGINZA HOSPITAL - NEW LAUNDRY ROOM
ELECTRICAL INSTALLATIONS
BILL NO. 6 : POWER

ITEM	DESCRIPTION	UNIT	QTY	RATE	TENDER AMOUNT
6.1	**Conduit** PVC conduit chased into brickwork, cast in concrete or fixed on trusses in ceiling void including cutting, bending, reaming, setting, joining, draw boxes and fixing material (average).				
6.1.1	20mm				
	Supply	m	80		
	Install	m	80		
6.1.2	25mm				
	Supply	m	60		
	Install	m	60		
6.2	Galvanised metal conduit chased into brickwork, cast in concrete or fixed on trusses in ceiling void including cutting, bending, reaming, setting, joining, draw boxes and fixing material (average).				
6.2.1	20mm				
	Supply	m	20		
	Install	m	20		
6.2.2	25mm				
	Supply	m	20		
	Install	m	20		
6,3	**Conduit Boxes**				
	Round Galvanised box for 20mm conduit, back or side entry for 1, 2, 3 or 4-way chased into brickwork, cast into concrete or fixed in trusses including couplings bushes cover plates and fixing materials (average rate)				
6.3.1	20mm Galv round box				
	Supply	each	30		
	Install	each	30		
6.3.2	25mm Galv round box				
	Supply	each	10		
	Install	each	10		
6,4	Galv boxes with 20mm knockouts as specified chased into brickwork.				
6.4.1	100mm x 50mm x 50mm				
	Supply	each	3		
	Install	each	3		
6.4.2	100mm x 100mm x 50mm				
	Supply	each	4		
	Install	each	4		
	TOTAL SCHEDULE NO. 6 TO PRICE SUMMARY				

DORA NGINZA HOSPITAL - NEW LAUNDRY ROOM
ELECTRICAL INSTALLATIONS
BILL NO. 7 : CONDUCTORS

ITEM	DESCRIPTION	UNIT	QTY		
7,1	**Conductors** **600/1000 grade PVC insulated single core copper conductors drawn into conduit**				
7.1.1	1,5mm² red/black				
	Supply	m	100		
	Install	m	100		
7.1.2	2,5mm² red/black				
	Supply	m	50		
	Install	m	50		
7.1.3	2,5mm² yelow & green				
	Supply	m	75		
	Install	m	75		
7.1.4	2,5mm² surffix cable				
	Supply	m	50		
	Install	m	50		
7.1.5	4mm² surffix cable				
	Supply	m	80		
	Install	m	80		
TOTAL SCHEDULE NO. 7 TO PRICE SUMMARY					

DORA NGINZA HOSPITAL - NEW LAUNDRY ROOM
ELECTRICAL INSTALLATIONS
BILL NO. 8 : POWER RETICULATION EQUIPMENT

ITEM	DESCRIPTION	UNIT	QTY	RATE	TENDER AMOUNT
8.1	**Wiring Duct**				
	P9000 galvanised wiring duct including covers, hangers and splices.				
8.1.1	Supply	m	30		
	Install	m	30		
8.1.2	External elbow				
	Supply	each	2		
	Install	each	2		
8.1.3	Tee radiused				
	Supply	each	1		
	Install	each	1		
8.1.4	Distribution Outlet				
	Supply	each	1		
	Install	each	1		
8.1.5	Endcap				
	Supply	each	1		
	Install	each	1		
8,2	**Cable Ladder**				
	100mm wide galvanised cable ladder installed on side mounted angle brackets {Medium Duty Cable ladder)				
8.3.1	Cable Ladder				
	Supply	m	20		
	Install	m	20		
8.2.2	90 bend				
	Supply	m	2		
	Install	m	2		
8.2.3	Tee radiused				
	Supply	each	2		
	Install	each	2		
	TOTAL SCHEDULE NO. 8 TO PRICE SUMMARY				

DORA NGINZA HOSPITAL - NEW LAUNDRY ROOM
ELECTRICAL INSTALLATIONS
BILL NO. 9 : SUNDRY ITEMS

ITEM	DESCRIPTION	UNIT	QTY	RATE	TENDER AMOUNT
9.1	Housekeeping, sundry items, consumable stocks such as circuit beads engraving, labels etc.	Sum	1		
9.2	Testing of complete installation in terms of the regulations	Sum	1		
9.3	Provide Certificate of Compliance for the new works	Sum	1		
9.4	**Relocation of Existing Pneumatic Compressor connection point**				
9.4.1	Disconnect and remove existing electrical connection point for the pneumatic compressor, including isolating supply, removing wiring, and preparing for relocation.	Sum	1		
9.4.2	Re-install electrical connection point at the new designated location, reconnect supply, test for proper operation.	Sum	1		
	TOTAL SCHEDULE NO. 9 TO PRICE SUMMARY				

DORA NGINZA HOSPITAL - NEW LAUNDRY ROOM

ELECTRICAL INSTALLATION
SUMMARY OF MAIN BILL

DESCRIPTION	TENDER OFFER
BILL NO. 1 : P&G'S	
BILL NO. 2 : DISTRIBUTION BOARDS	
BILL NO. 3 : CABLES	
BILL NO. 4 : LUMINAIRES	
BILL NO. 5 : SWITCHGEAR EQUIPMENT	
BILL NO. 6 : CONDUITS AND MEDICAL EQUIPMENT	
BILL NO. 7 : CONDUCTORS	
BILL NO. 8 : POWER RETICULATION EQUIPMENT	
BILL NO. 9 : SUNDRY ITEMS	
SUBTOTAL	
15% VAT	
Total including VAT	

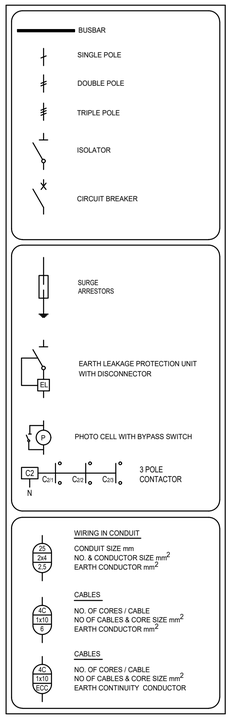
POWER LEGEND

●	Photo Cell (Height to be confirmed on site)
	1 Lever - 1 Way - Light Switch
G1	40W LED Vapour proof luminaire (mounted on roof trusses)
G1 E	40W LED Vapour proof luminaire (mounted on roof trusses), with 50% maintained emergency lighting for 1 hour
	16A 3 - Pin switched socket outlet to comply with SANS 164-1 & 2 (White) 1200mm AFFL or 300mm above Worktops
	4 Pole Indoor Isolator.
	2 Pole Indoor Isolator in ceiling void.
	Electrical distribution board
P9000	P9000 Galvanised Trunking for Lighting and Power.
C/TRAY 100mm	100mm x 50mm, 100mm WIDE MEDIUM DUTY HOT DIP GALVANISED WELDED WIRE MESH CABLE TRAY WITHOUT COVERS, CLIP ON SUPPORT CHANNEL, 90° HORIZONTAL BEND, INTERNAL ELBOW (RISER), EXTERNAL ELBOW (DROPPER), 4-WAY CROSSOVER, END CAPS, 90° ELBOW.

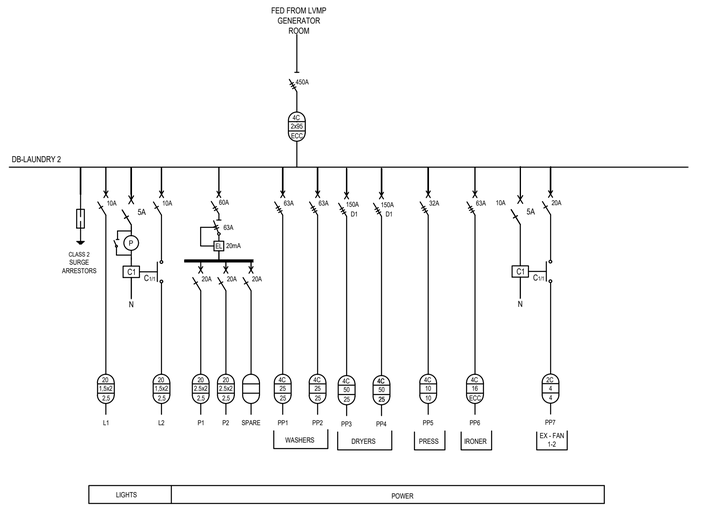
General Notes:

1. All conduits, draw boxes, and associated wire way equipment to be galvanized steel.
2. Subcontractor to ensure openings are in correct positions for all conduits and draw boxes to be mounted on through ring beam.

DB SCHEMATIC DIAGRAM LEGEND

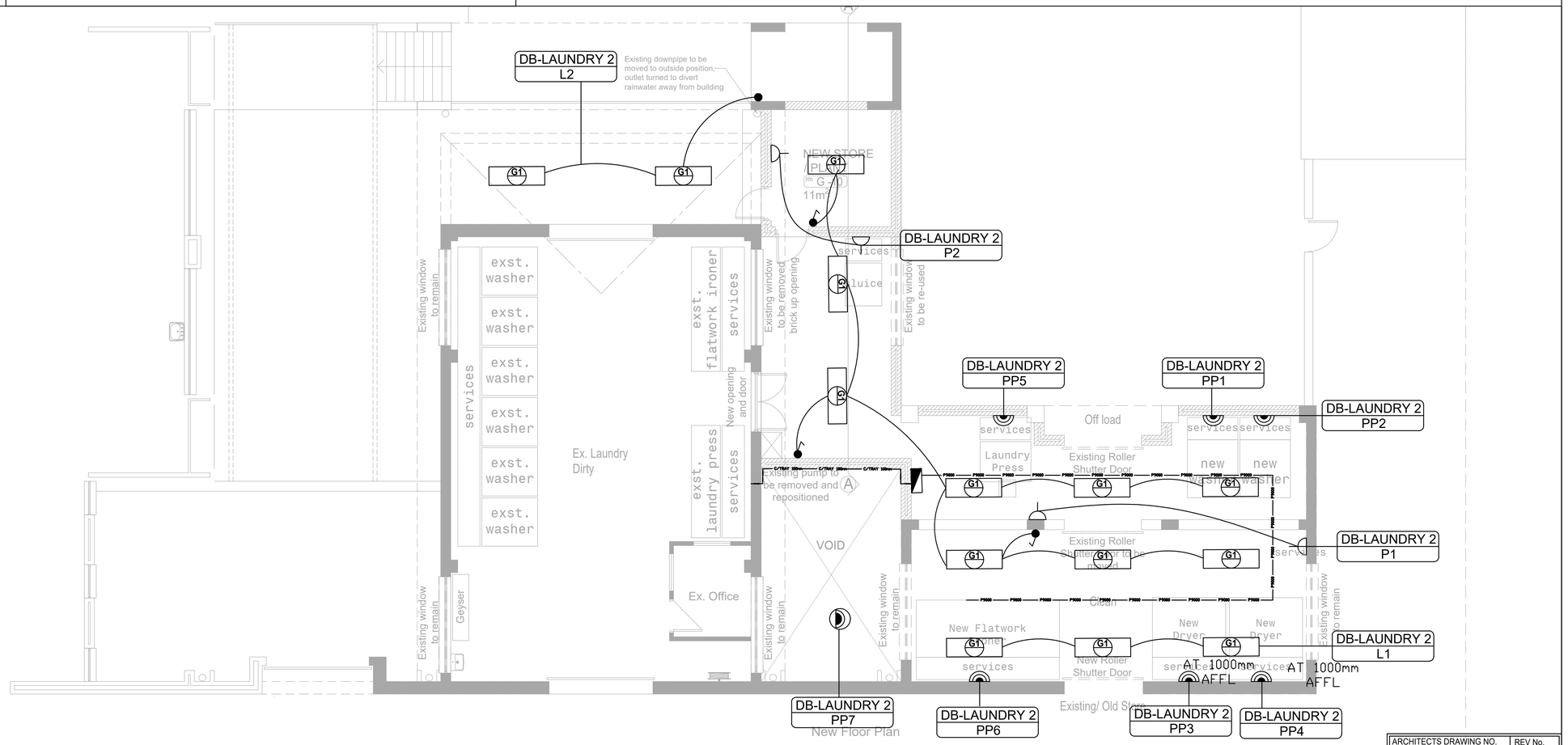


NAME:	DB-LAUNDRY 2	VOLTAGE:	400V/230V
RATING-BUSBAR:	500A	FAULT:	10kA
SUPPLY:	Bottom ☒	Top ☐	Side ☐
FEEDERS:	Bottom ☐	Top ☒	Side ☐
MOUNTING:	Free Standing ☐	Floor ☐	
	Recessed ☒	Surface ☐	
DOORS:	Yes ☒	None ☐	
COLOUR(PANEL COVER):	White ☒	Red ☐	
	Orange ☐	Grey ☐	
SPARE SPACE:	30%		



GENERAL NOTES:

1. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE DETAILED SPECIFICATIONS.
2. DO NOT SCALE LENGTHS OF SLEEVE, CABLES ETC FROM DRAWINGS .
3. A COMPLETE SET OF DRAWINGS MUST BE AVAILABLE ON SITE AT ALL TIMES.
4. FOR WIRING CONDUCTOR SIZES, REFER TO DB SCHEMATIC DIAGRAMS.
5. CONDUITS TO BE INSTALLED IN STRAIGHT PARALLEL LINES IN CEILING VOIDS AND SADDLED AT EVERY TRUSS.
6. SEE DETAILED SPECIFICATION FOR MOUNTING HEIGHTS OF SWITCHES, SWITCH SOCKET OUTLETS, ETC.
7. NON-CORRODING DRAW WIRE / STRING TO BE INSTALLED IN ALL SPARE SLEEVES, TELEPHONE AND DATA CABLE CONDUITS AND SLEEVES.
8. DISCREPANCIES, ERRORS AND OMISSIONS ARE TO BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY THEY BECOME EVIDENT.
9. ALLOW 4 X 20mmØ & 4 x 25mmØ SPARE CONDUITS FROM EACH DB TO CEILING VOIDS. (FLUSH MOUNTED DB's)
10. IF NOT MEASURED IN THE BILL OF QUANTITIES, TELEPHONE AND DATA SOCKETS SHALL BE SUPPLIED AND INSTALLED BY OTHERS.
11. TELEPHONE AND DATA CONDUITS TO BE 25 Ø mm UNLESS INDICATED DIFFERENTLY ON DRAWINGS.
12. IF NOT INDICATED ON DRAWINGS, IN RADIO ROOMS, KITCHENS AND WORK AREA, POWER SKIRTING OR WIRING CHANNELS TO BE ABOVE WORK TOP OR 1200mm A.F.F.L.
13. CIRCUITING: AC = AIR CONDITIONING
    D = DEDICATED SSO
    L = LIGHTING CIRCUIT
    P = STANDARD SSO
    XL = LIGHTING CIRCUIT ON STANDBY POWER
    XP = STANDARD SSO ON STANDBY POWER
14. DB DUCTS TO HAVE RISING CABLE TRAYS AS FOLLOWS:
    - 1x300mm WIDE FOR TELEPHONE, DATA AND FIRE DETECTION CABLES.
    - 1x200mm WIDE FOR POWER CABLES (MINIMUM).
15. ALL SSO AND LIGHT SWITCHES TO BE LABELLED WITH CIRCUIT NUMBERS.
16. AC ISOLATORS TO BE INSTALLED ON THE RHS OF THE AC POSITIONS.



ARCHITECTS DRAWING NO.	REV No.
00	00

REVISIONS

REV	DATE	INIT.	DESCRIPTION
00	13-02-26	E.C.	FOR INFORMATION.

CLIENT

Province of the EASTERN CAPE HEALTH

PROJECT

ALTERATIONS AND ADDITIONS AT DORA NGINZA HOSPITAL, GQEBERHA

TITLE

NEW LAUNDRY - LIGHTING & POWER LAYOUT

COPYRIGHT

RNA CONSULTING ENGINEERS
Consulting Electrical & Mechanical Engineers
87 Heugh Road, Walmer, Port Elizabeth, 6070
E-Mail: rna-pe@rnznza.co.za
P.O. Box 35039, Newton Park, 6055
Tel: 041 581 2807
Fax: 041 581 2808

CESA
Consulting Engineers South Africa

DESIGN	TENDER	CONSTRUCTION
	✓	

DESIGNED BY: B.GEELBOOI		SCALE 1 :100
DRAWN B.GEELBOOI	DATE 24/04/2023	PRINT DATE 03/03/2026
CHECKED BY: E. CEBA		
REGISTRATION No. 201930053		
SIGNED.		
DRAWING NO. 2218-T-E-101 LAUNDRY		REV No. 00

MECHANICAL:
FRESH AIR LAUNDRY

RNA CONSULTING ENGINEERS
DORA NGINZA
REFURBISHMENT OF LAUNDRY DEPARTMENT
VENTILATION EQUIPMENT INSTALLATION

PROVISIONAL SCHEDULE OF QUANTITIES

ITEM	DESCRIPTION	UNIT	QTY	SUPPLY RATE	INSTALL RATE	AMOUNT
	Bill No. 1 : Preliminary and General					
1.1	Compliance with General Conditions of Contract : Insurances, Sureties, etc as outlined in the Principal Contractor's Preliminaries.					
	Fixed	Item	1			
	Value Related	Item	1			
	Time Related	Item	1			
1,2	Establish on Site and provision of buildings and storage facilities including de-establishment of site, cleaning and tidying up after completion of contract					
	Fixed	Item	1			
	Value Related	Item	1			
	Time Related	Item	1			
1,3	Tools and equipment, Communication, transport.					
	Fixed	Item	1			
	Value Related	Item	1			
	Time Related	Item	1			
1.4	Contract Management, Company overheads and supervision of the Works including attendance of site meetings (2 per month)					
	Fixed	Item	1			
	Value Related	Item	1			
	Time Related	Item	1			
1,5	Provision of all drawings and manuals as specified including As-Installed drawings	Item	1			
	Total Carried forward to Next Page					

RNA CONSULTING ENGINEERS
DORA NGINZA
REFURBISHMENT OF LAUNDRY DEPARTMENT
VENTILATION EQUIPMENT INSTALLATION

PROVISIONAL SCHEDULE OF QUANTITIES

ITEM	DESCRIPTION	UNIT	QTY	SUPPLY RATE	INSTALL RATE	AMOUNT
	Total Carried forward From Previous Page					
1,6	Liaison with Local Supply Authority, compliance with OSH Act, Local By-laws and any other statutory regulations	Item	1			
1,7	Any additional item not specifically mentioned or included in the Bills of Quantities which the Tenderer may wish to detail. (Specify)	Item	1			
1,8	Additional testing and balancing at discression of the mechanical engineer.	Item	1			
	Total Carried forward to Summary Page					

RNA CONSULTING ENGINEERS
DORA NGINZA
REFURBISHMENT OF LAUNDRY DEPARTMENT
VENTILATION EQUIPMENT INSTALLATION

PROVISIONAL SCHEDULE OF QUANTITIES

ITEM	DESCRIPTION	UNIT	QTY	SUPPLY & INSTALL RATE	AMOUNT
	Bill No. 2: Fresh Air Ventilation System Equipment All ductworks shall be manufactured and erected according to standards as set down by the SANS Standard Specification for Air-conditioning Ductwork SANS 1238				
	Goose Neck Supply and Install Galvanised Ducted Goose Neck vermin screen with mosquito net, wall sleeve and duct connection spigot.				
2,1	Goose Neck 355 mm diam	No.	1		
	Sleeve Supply and install galvanised steel plenum and or sleeve				
2,2	400 x 150 mm x 300 mm sleeve, incl. flanges.	No.	1		
2,3	400 x 250 mm x 300 mm sleeve, incl. flanges.	No.	1		
	Galvanised Sheet Metal Transfer Supply and install galvanised steel transfers, incl flanges.				
2,4	355 mm round to 500 x 250 mm transfer, incl. flanges.	No.	1		
2,5	500 x 200 mm to 400 x 250 mm transfer, incl. flanges.	No.	1		
	Sound Attenuator Supply and install				
2,6	LDC Silencer 355 mm x 900 mm long, c/w flanges	No.	3		
	Axial Inline Fan Supply and install				
2,7	355 mm Diam axial air supply fan, Q = 750 l/s at 120 Pa	No.	1		
	Total Carried forward to Next Page				

RNA CONSULTING ENGINEERS
DORA NGINZA
REFURBISHMENT OF LAUNDRY DEPARTMENT
VENTILATION EQUIPMENT INSTALLATION

PROVISIONAL SCHEDULE OF QUANTITIES

ITEM	DESCRIPTION	UNIT	QTY	SUPPLY & INSTALL RATE	AMOUNT
	Total Carried forward From Previous Page				
	Galvanised Sheet Metal Ducting Supply and install:				
2,8	355 mm diam galvanised sheet metal ducting incl. flanges.	m	5		
2,9	500 x 250 galvanised sheet metal ducting incl. flanges.	m	2		
2,10	400 x 250 galvanised sheet metal ducting incl. flanges.	m	7		
2,11	400 x 150 galvanised sheet metal ducting incl. flanges.	m	12		
	Spigots Supply and install:				
2,12	300 x 150 mm galvanised sheet metal 45 deg shoe spigot, incl. insulation.	No.	5		
	Extract Air Grills Supply and install aluminium construction, c/w adjustable dampers, powder coated to Architect's approval colour, mounting brackets.				
2,13	300 x 150 mm supply air grill, c/w adjustable blades and OBD.	No.	5		
	Galvanised Sheet Metal Elbows Supply and install:				
2,14	355 mm diam medium radius 90 deg galvanised sheet metal elbow incl. flanges.	No.	1		
	Galvanised Sheet Metal End Cap Supply and install Galvanised steel end cap, incl flanges.				
2,15	500 x 250 galvanised sheet metal end cap.	No.	1		
2,16	400 x 150 galvanised sheet metal end cap.	No.	1		
	Total Carried forward to Next Page				

RNA CONSULTING ENGINEERS
DORA NGINZA
REFURBISHMENT OF LAUNDRY DEPARTMENT
VENTILATION EQUIPMENT INSTALLATION

PROVISIONAL SCHEDULE OF QUANTITIES

ITEM	DESCRIPTION	UNIT	QTY	SUPPLY & INSTALL RATE	AMOUNT
	Total Carried forward From Previous Page				
	Hangers & Brackets Supply and Install				
2,17	Supply, Install, test, commission and provide 12 month guarantee for all hangers, brackets and etc for extraction ducting all as specified.	No.	13		
	Testing and Balancing				
2,18	Testing and balancing of the system incl. measurement of flow rates, balancing of dampers, setting of variable speed drive c/w report on flow rates achieved etc delivered to engineer.	Lot	1		
	Fan Controller Supply and Install				
2,19	2 pole fan controller, on / off wired remotely and installed in conduit and round box provided by others.	no.	1		
	Electrical The electrical equipment and installation shall conform fully to the requirements of the Occupational Health and Safety Act No. 85 of 1993 and amendments thereof and shall also be in accordance with the South African Bureau of Standards Code of Practice for the wiring of Premises and amendments thereof (SANS: 1019-2014 and SANS 10142) as amended				
2,20	Connect plug fan to isolator or connect cable to isolator, provided.	no.	1		
2,21	24 hr digital timer	no.	1		
	Transport to Site				
2,22	Transport all equipment to site.	Sum	1		
	Training				
2,23	Training of staff on operation of units; ; location of equipment and basic day to day maintenance.	No	1		
	Total Carried forward to Next Page				

RNA CONSULTING ENGINEERS
DORA NGINZA
REFURBISHMENT OF LAUNDRY DEPARTMENT
VENTILATION EQUIPMENT INSTALLATION

PROVISIONAL SCHEDULE OF QUANTITIES

ITEM	DESCRIPTION	UNIT	QTY	SUPPLY & INSTALL RATE	AMOUNT
	Total Carried forward From Previous Page				
	Guarantee				
2,22	The contractor shall guarantee the materials, equipment and labour performed on the complete air-conditioning and ventilation installations as described in this document for a period of Twelve Calendar Months, commencing on the date of the Clients Certificate of Acceptance. The guarantee shall include the free of charge replacement of any defective components of the installed equipment during this period	Sum	1		
	Moutning Frame				
2,23	Galvanised steel H frame to span 3800 mm void to hand fan and silencer arrangement	No	1		
	Total Carried forward to Summary Page				

RNA CONSULTING ENGINEERS
DORA NGINZA
REFURBISHMENT OF LAUNDRY DEPARTMENT
VENTILATION EQUIPMENT INSTALLATION

PROVISIONAL BILL OF QUANTITIES - BLOCK P CASUALTY

BILL NO.	DESCRIPTION	AMOUNT
1	**BILL NO. 1 : PRELIMINARY AND GENERAL**	
2	**Bill No. 2: Fresh Air Ventilation System Equipment**	
	SUBTOTAL	
	VAT @ 15%	
	TOTAL	

REMINDER NOTE

The Total Price including Main Contractor's Mark-up which excludes VAT, must be carried over to the final summary in Volume 1 and all fixed amounts shown in the price schedule must be included therein. No adjustments will be made for any failure by Tenderers to include the fixed amounts in the Total Price for this particular installation.

SUB-CONTRACTOR'S NAME: ……..

DATE: ……..

SIGNATURE: ……..

N.B. The above-named Sub-Contractor is to be employed on this contract. Substitute Sub-Contractors are not acceptable.

The price submitted include all Main Contractor's 'Profit and Mark up BUT Exclude the VAT when transferring price to Volume 1 of the Final Summary Total of the Main Contractor's Document

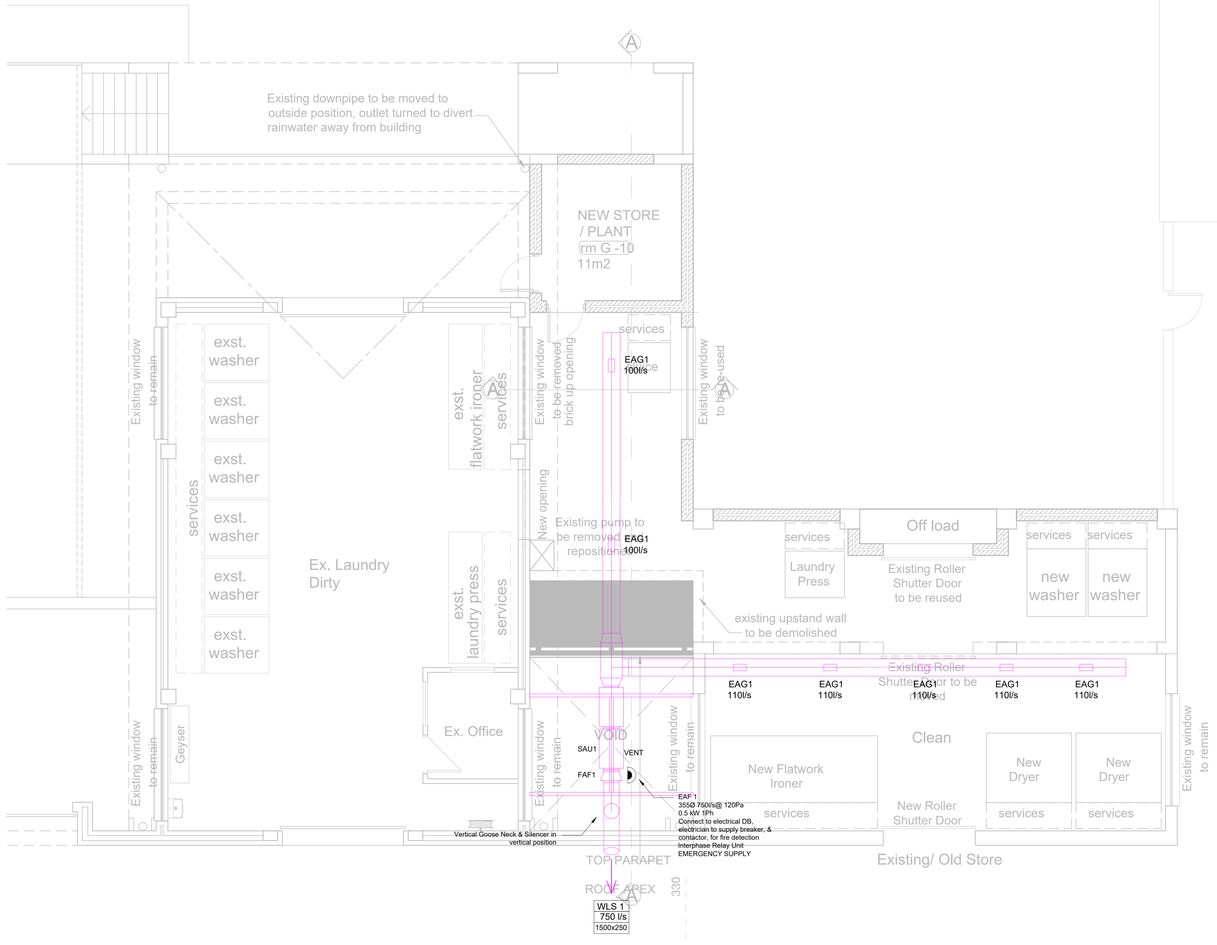
AIR CONDITIONING EQUIPMENT		QTN

SUPPLY AIR VENTILATION EQUIPMENT		QTN

EXTRACT AIR VENTILATION EQUIPMENT		QTN
WLE1	Aluminium extruded profile weather louver 1500 x 250 mm, c/w mounting frame and mesh screen	1
EAF1	Extract air fan; 355 Ø Axial - Q = 7500/s @ 120 Pa, 0.5 kW 1PH Power Input	1
EAD1	Fresh air grill: 300 x 150 mm; c/w OBD and Adjustable Vanes	5

LEGEND

- Ceiling Concealed Split Unit
- Ceiling Cassette Split Unit
- Mid-wall Split Unit
- Condensing Unit (VRV Outdoor Unit)
- Condensate Pump
- Branch Selector Box
- Flexible Duct
- Constant Volume Diffuser
- Electrical Distribution Board
- 15A 3 Pin unswitched socket outlet mounted in ceiling void by HVAC Contractor
- Double pole isolator by Electrical Contractor
- Triple pole isolator by Electrical Contractor (IP65)
- VRV-4 remote control and thermostat
- Door grille
- Balancing Damper
- Back Draught Shutter
- Filter Box
- Sweep Fan



BLOCK G - LAUNDRY
KEY PLAN
SCALE 1:100

GENERAL NOTES:

REVISIONS			
REV	DATE	INIT.	DESCRIPTION
00	09/02/26	TW.	Issued for Pricing

CLIENT

TITLE

VENTILATION
EQUIPMENT LAYOUT

DORA NGINZA
NEW LAUNDRY

CESA
Consulting Engineers South Africa

COPYRIGHT

RNA CONSULTING ENGINEERS
Consulting Electrical & Mechanical Engineers

11 Bonza Bay Rd,
Beacon Bay,
East London, 5241
E-Mail: office@rnaconsulteng.co.za

P.O. Box 12359
Amalinda, 5252
Tel: (043) 742 0041

DESIGN	TENDER	CONSTRUCTION

DESIGNED BY: T.WARNE

SCALE: 1 : 200

DRAWN: T.WARNE

DATE: 09/02/2026

PRINT DATE: 09/02/2026

CHECKED BY: Travis Warne

REGISTRATION No. 201770017

SIGNED.

DRAWING NO. 2218-M-T-101 LAUNDRY VENT

REV No. 01

MECHANICAL:
DOMESTIC WATER

BNM CONSORTIUM - RNA CONSULTING ENGINEERS
PHASE 3
REFURBISHMENT OF NEW LAUNDRY
DOMESTIC WATER INSTALLATION

PROVISIONAL BILL OF QUANTITIES

ITEM	DESCRIPTION	UNIT	QTY	SUPPLY RATE	INSTALL RATE	AMOUNT
	BILL NO. 1 : PRELIMINARY AND GENERAL					
1.1	Compliance with General Conditions of Contract : Insurances, Sureties, etc as outlined in the Principal Contractor's Preliminaries.					
	Fixed	No.	1			
	Value Related	No.	1			
	Time Related	No.	1			
1,2	Establish on Site and provision of buildings and storage facilities including de-establishment of site, cleaning and tidying up after completion of contract					
	Fixed	No.	1			
	Value Related	No.	1			
	Time Related	No.	1			
1,3	Tools and equipment, Communication, transport.					
	Fixed	No.	1			
	Value Related	No.	1			
	Time Related	No.	1			
1.4	Contract Management, Company overheads and supervision of the Works including attendance of site meetings (2 per month)					
	Fixed	No.	1			
	Value Related	No.	1			
	Time Related	No.	1			
1,5	Provision of all drawings and manuals as specified including As-Installed drawings	No.	1			
1,6	Liaison with Local Supply Authority, compliance with OSH Act, Local By-laws and any other statutory regulations	No.	1			
1,7	Any additional item not specifically mentioned or included in the Bills of Quantities which the Tenderer may wish to detail. (Specify)	No.	1			
	Total Carried forward to Summary Page					

BNM CONSORTIUM - RNA CONSULTING ENGINEERS
PHASE 3
REFURBISHMENT OF NEW LAUNDRY
DOMESTIC WATER INSTALLATION

PROVISIONAL BILL OF QUANTITIES

ITEM	DESCRIPTION	UNIT	QTY	SUPPLY RATE	INSTALL RATE	AMOUNT
2,0	**BILL NO. 2 : HOT & COLD WATER PIPING**					
	Copper Piping Copper piping above ground to SANS 460 class 2 installed in accordance with the specification, drawings and manufacturer's recommendations. Pipe hanger & support bracket spacing to be as per the table on the drawings. Piping - chased into brickwork must be wrapped in two layers of kraft paper as specified.					
2,1	42 mm dia	m	0			
2,2	35 mm dia	m	15			
2,3	28 mm dia	m	0			
2,4	25 mm dia	m	10			
2,5	20 mm dia	m	10			
2,6	15 mm dia	m	20			
2,7	12 mm dia	m	8			
	Bends Capillary soldered bends: (Maksal or equal and approved)					
2,8	42 mm dia	No.	0			
2,9	35 mm dia	No.	9			
2,10	28 mm dia	No.	0			
2,11	25 mm dia	No.	6			
2,12	20 mm dia	No.	6			
2,13	15 mm dia	No.	10			
2,14	12 mm dia	No.	3			
	Tees Capillary soldered tees: (Maksal or equal and approved)					
2,15	42 mm dia	No.	0			
2,16	35 mm dia	No.	4			
2,17	28 mm dia	No.	0			
2,18	25 mm dia	No.	0			
2,19	20 mm dia	No.	0			
2,20	15 mm dia	No.	0			
2,21	12 mm dia	No.	0			
	Isolating valves Ball valves, full bore with lever, hard chrome plated balls and teflon seats					
2,22	42 mm dia	No.	0			
2,23	35 mm dia	No.	1			
2,24	25 mm dia	No.	2			
2,25	20 mm dia	No.	1			
2,26	15 mm dia	No.	0			
2,27	12 mm dia	No.	1			

BNM CONSORTIUM - RNA CONSULTING ENGINEERS
PHASE 3
REFURBISHMENT OF NEW LAUNDRY
DOMESTIC WATER INSTALLATION

PROVISIONAL BILL OF QUANTITIES

ITEM	DESCRIPTION	UNIT	QTY	SUPPLY RATE	INSTALL RATE	AMOUNT
	Total Carried forward to Next Page					

PROVISIONAL BILL OF QUANTITIES

ITEM	DESCRIPTION	UNIT	QTY	SUPPLY RATE	INSTALL RATE	AMOUNT
	Total Carried forward From Previous Page					
	Pipe hangers and brackets					
2,28	42 mm dia	No.	0			
2,29	35 mm dia	No.	8			
2,30	28 mm dia	No.	0			
2,31	25 mm dia	No.	9			
2,32	20 mm dia	No.	8			
2,33	15 mm dia	No.	71			
2,34	12 mm dia	No.	4			
	Non Return Valves					
2,35	42 mm dia	No.	0			
2,36	35 mm dia	No.	1			
	Vacuum Breakers					
2,37	54 mm dia	No.	0			
2,38	42 mm dia	No.	0			
2,39	35 mm dia	No.	1			
	Insulation All exposed hot water piping to be insulated with R value or not less than 1 m².KW					
2,40	42 mm dia	m	0			
2,41	35 mm dia	m	0			
2,42	28 mm dia	m	0			
2,43	25 mm dia	m	0			
2,44	20 mm dia	m	0			
2,45	15 mm dia	m	0			
2,46	12 mm dia	m	0			
	Reducers					
2,47	54 to 42 mm dia	No.	0			
2,48	35 to 25 mm dia	No.	2			
2,49	35 to 20 mm dia	No.	1			
2,50	35 to 12 mm dia	No.	1			
	Braided Flexible Hoses					
2,51	25 mm	m	2			
2,51	20 mm	m	1			
2,51	12 mm	m	1			
	Sundry Items					
2,52	Solder, flux, consumables required to complete the installation	Lot	1			
2,53	Connection to sanitary ware fittings	No.	2			
2,54	Flushing & cleaning pipework system	m	63			
2,55	Pressure testing of parts of the installation	No.	0			

BNM CONSORTIUM - RNA CONSULTING ENGINEERS
PHASE 3
REFURBISHMENT OF NEW LAUNDRY
DOMESTIC WATER INSTALLATION

PROVISIONAL BILL OF QUANTITIES

ITEM	DESCRIPTION	UNIT	QTY	SUPPLY RATE	INSTALL RATE	AMOUNT
2,56	Pressure testing complete installation	No.	1			
	Total Carried forward to Next Page					

BNM CONSORTIUM - RNA CONSULTING ENGINEERS
PHASE 3
REFURBISHMENT OF NEW LAUNDRY
DOMESTIC WATER INSTALLATION

PROVISIONAL BILL OF QUANTITIES

ITEM	DESCRIPTION	UNIT	QTY	SUPPLY RATE	INSTALL RATE	AMOUNT
	Total Carried forward From Previous Page					
2,57	Painting of piping	m	0			
2,58	Labelling of valves & piping	Lot	1			
2,59	De-zincification tests	Lot	1			
	Manhole					
2,60	Supply, install, test and commission domestic water manhole 400 x 400 mm with hinged cover.	No.	1			
2,61	Supply, install, test and commission domestic water manhole 1000 x 1000 mm with hinged cover.	No.	0			
	Connection to Civil Mains					
2,62	Trenching and laying of pipe from installation to civil main, incl backfilling.	m	20			
2,63	Connection of domestic water main to civil main	No.	1			
	Coring Through Brickwork					
2,64	Core through 220 mm brick work, 100 mm diam core.	No	3			
	Training of Staff					
2,65	Training of staff on operation of units; ; location of equipment and ba	No	1			
	Total Carried forward to Summary Page					

BNM CONSORTIUM - RNA CONSULTING ENGINEERS
PHASE 3
REFURBISHMENT OF NEW LAUNDRY
DOMESTIC WATER INSTALLATION

BILL NO.	DESCRIPTION	AMOUNT
1	**BILL NO. 1 : PRELIMINARY AND GENERAL**	
2	**BILL NO. 2 : HOT & COLD WATER PIPING**	
	SUBTOTAL	
	VAT @ 15%	
	TOTAL	

REMINDER NOTE

The Total Price including Main Contractor's Mark-up which excludes VAT, must be carried over to the final summary in Volume 1 and all fixed amounts shown in the price schedule must be included therein. No adjustments will be made for any failure by Tenderers to include the fixed amounts in the Total Price for this particular installation.

SUB-CONTRACTOR'S NAME: ……..

DATE: ……..

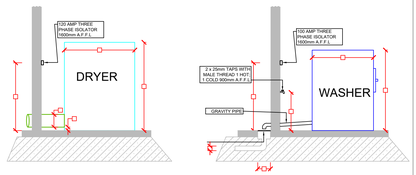
SIGNATURE: ……

N.B. The above-named Sub-Contractor is to be employed on this contract. Substitute Sub-Contractors are not acceptable.

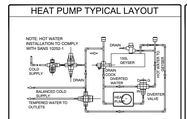
The price submitted include all Main Contractor's 'Profit and Mark up BUT Exclude the VAT when transferring price to Volume 1 of the Final Summary Total of the Main Contractor's Document

ITEM NUMBER	QTY	MODEL	TYPE	ELECTRICAL CONNECTIONS	COLD WATER CONNECTIONS	HOT WATER CONNECTIONS	DRAIN CONNECTIONS
1	1	**MAQ B-35 SL 35kg**	**SLUICE WASHER**	**220V / 20A / 22kW / PH1 PLUG**	**19 mm 12 l/min**		**76 mm**
2	1	**KREBE Washer Extractor 55kg**	**WASHER EXTACTOR**	**400V / 63A / 44kW / PH3 ISOLATOR**	**25 mm 80 l/min**		**110 mm**
3	1	**KREBE Washer Extractor 55kg**	**WASHER EXTACTOR**	**400V / 63A / 44kW / PH3 ISOLATOR**	**25 mm 80 l/min**		**110 mm**
4	1	**Ghidini**	**LAUNDRY PRESS**	**400V / 32A / 12kW / PH3 ISOLATOR**	**12 mm 12 l/min**		**55 mm**
5	1	**Sealion Dryer 100kg GDZ-100**	**DRYER**	**380V / 136A / 86kW / PH3 ISOLATOR**			
6	1	**Flatwork Ironer YDI-2800**	**ROLLER IRON**	**380V / 43A / 27kW / PH3 ISOLATOR**			

SIDE ELEVATIONS



HEAT PUMP TYPICAL LAYOUT



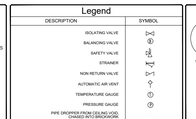
SANS_10400_NOTES:

Hot water pipe insulation:

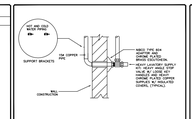
- Minimum 0.04 W/(m².°C)
- 25 mm ø pipes = 25 mm thickness
- 25 to 80 mm ø pipes = 40 mm thickness

Legend

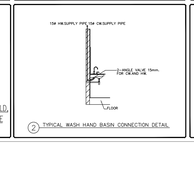
DESCRIPTION	SYMBOL
ISOLATING VALVE	
BALANCING VALVE	
SAFETY VALVE	
STRAINER	
NON RETURN VALVE	
AUTOMATIC AIR VENT	
TEMPERATURE GAUGE	T
PRESSURE GAUGE	P
PIPE DROPPER FROM CEILING VOID, CHASED INTO BRICKWORK	
WATER METER	



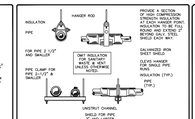
DETAIL OF BALANCING & SHUT-OFF VALVES IN COLD, HOT WATER FLOW & HOT WATER RETURN LINE



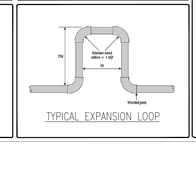
1 TYPICAL TOILET CONNECTION DETAIL



2 TYPICAL WASH HAND BASIN CONNECTION DETAIL

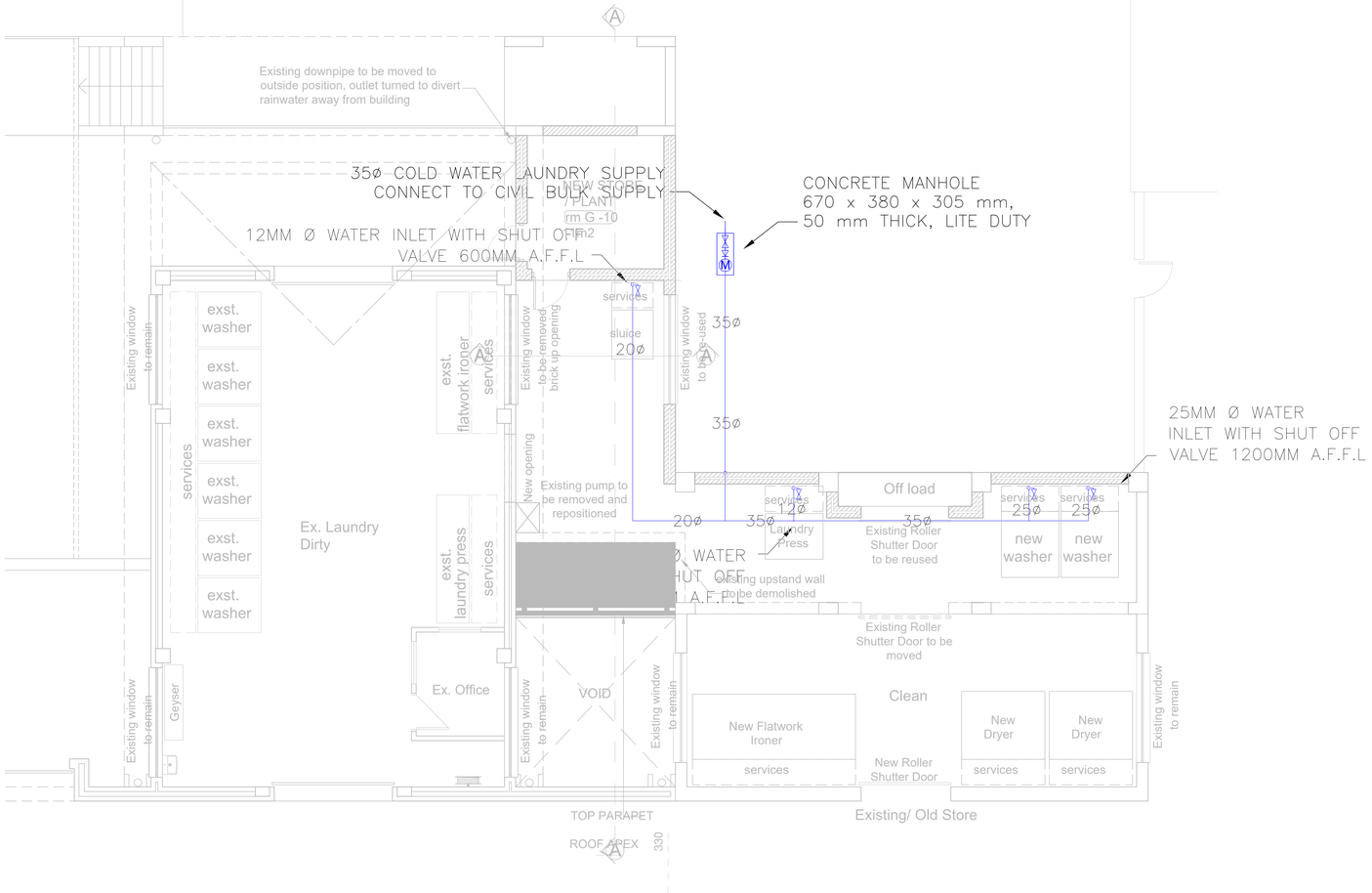


2 TYPICAL FIXING DETAILS



INSTALLATION NOTES:

1. ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORK
2. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL AND OTHER DRAWINGS
3. ALL PIPING CHASED INTO WALLS TO BE CARS 460 CLASS 1 AND MUST BE WRAPPED WITH BUILDER'S PAPER PRIOR TO WALL CHASES BEING COVERED
4. ALL PIPING TO BE PRESSURE TESTED TO 600kPa PRIOR TO BEING CONCEALED IN WALL CHASES ETC
5. ALL COLD WATER FLOW AND RETURN LINES TO BE INSULATED WITH THERMAFLEX EXPOSED HOT WATER PIPES TO BE INSULATED WITH PREFORMED FIBRE GLASS AND CANVAS WRAPPING AND METAL CLADDING. HOT WATER PIPES IN DRAFTS & CEILINGS TO BE CLADDED WITH PREFORMED FIBRE GLASS AND CANVAS WRAPPING ONLY
6. BALL TYPE SHUT-OFF VALVES TO BE FITTED IN ALL BRANCHES TO WHB's, BATHS, SHOWERS AND TOILETS (i.e. HOT & COLD WATER PIPING)
7. PIPING TO RUN IN ROOF SPACE FIXED WITH HOLDER BATTS ETC AS DESCRIBED IN THE SPECIFICATION (NOTE THAT NO GALVANISED HOLDER BATTS MAY BE USED TO SUPPORT COPPER PIPING)
8. PIPE SUPPORT SPACING TO BE AS INDICATED IN THE STANDARD SPECIFICATION
9. MANUAL AIR BLEED VALVES TO BE FITTED AT ALL HIGH POINTS IN THE HOT AND COLD WATER PIPING
10. ALL HOT TAPS TO BE ON LHS AND COLD TAPS ON RHS OF FITTINGS.
11. REFER TO GENERAL NOTES FOR DRAWING REFERENCE PURPOSES.
12. FLOW LIMITERS OF 6 L/MIN TO ALL BASINS AND SHOWERS



BLOCK G - LAUNDRY KEY PLAN

SCALE 1:100

GENERAL NOTES:

			REVISIONS
REV	DATE	INIT.	DESCRIPTION
00	26/02/26	TW.	Issued for Pricing

CLIENT

TITLE

DOMESTIC WATER RETICULATION LAYOUT

DORA NGINZA
NEW LAUNDRY

CESA
Consulting Engineers South Africa

COPYRIGHT

RNA CONSULTING ENGINEERS
Consulting Electrical & Mechanical Engineers

11 Bonza Bay Rd,
Beacon Bay,
East London, 5241
E-Mail: office@rnaconsulteng.co.za

P.O. Box 12359
Amalinda, 5252
Tel: (043) 742 0041

DESIGN	TENDER	CONSTRUCTION

DESIGNED BY: T.WARNE

SCALE: 1 : 200

DRAWN: T.WARNE

DATE: 09/02/2026

PRINT DATE: 09/02/2026

CHECKED BY: Travis Warne

REGISTRATION No. 201770017

SIGNED.

DRAWING NO. 2218-M-T-101 LAUNDRY DW

REV No. 01

MECHANICAL:
COMPRESSOR RELOCATION

BNM CONSORTIUM - RNA CONSULTING ENGINEERS
PHASE 3
REFURBISHMENT OF NEW LAUNDRY
COMPRESSOR RELOCATION

PROVISIONAL BILL OF QUANTITIES

ITEM	DESCRIPTION	UNIT	QTY	SUPPLY RATE	INSTALL RATE	AMOUNT
	BILL NO. 1 : PRELIMINARY AND GENERAL					
1.1	Compliance with General Conditions of Contract : Insurances, Sureties, etc as outlined in the Principal Contractor's Preliminaries.					
	Fixed	No.	1			
	Value Related	No.	1			
	Time Related	No.	1			
1,2	Establish on Site and provision of buildings and storage facilities including de-establishment of site, cleaning and tidying up after completion of contract					
	Fixed	No.	1			
	Value Related	No.	1			
	Time Related	No.	1			
1,3	Tools and equipment, Communication, transport.					
	Fixed	No.	1			
	Value Related	No.	1			
	Time Related	No.	1			
1.4	Contract Management, Company overheads and supervision of the Works including attendance of site meetings (2 per month)					
	Fixed	No.	1			
	Value Related	No.	1			
	Time Related	No.	1			
1,5	Provision of all drawings and manuals as specified including As-Installed drawings	No.	1			
1,6	Liaison with Local Supply Authority, compliance with OSH Act, Local By-laws and any other statutory regulations	No.	1			
1,7	Any additional item not specifically mentioned or included in the Bills of Quantities which the Tenderer may wish to detail. (Specify)	No.	1			
	Total Carried forward to Summary Page					

BNM CONSORTIUM - RNA CONSULTING ENGINEERS
PHASE 3
REFURBISHMENT OF NEW LAUNDRY
COMPRESSOR RELOCATION

PROVISIONAL BILL OF QUANTITIES

ITEM	DESCRIPTION	UNIT	QTY	SUPPLY RATE	INSTALL RATE	AMOUNT
2,0	**BILL NO. 2 : RELOCATION OF EXISTING PNEUMATIC COMPRESSOR**					
	Copper Piping Copper piping above ground to SANS 460 class 2 installed in accordance with the specification, drawings and manufacturer's recommendations. Pipe hanger & support bracket spacing to be as per the table on the drawings. Piping - chased into brickwork must be wrapped in two layers of kraft paper as specified.					
2,1	15 mm dia	m	20			
	Bends Capillary soldered bends: (Maksal or equal and approved)					
2,2	15 mm dia	No.	10			
	Tees Capillary soldered tees: (Maksal or equal and approved)					
2,3	15 mm dia	No.	3			
	Isolating valves Ball valves, full bore with lever, hard chrome plated balls and teflon seats					
2,4	15 mm dia	No.	3			
	Pipe hangers and brackets					
2,5	15 mm dia	No.	10			
	Braided Flexible Hoses					
2,6	15 mm	m	1			
2,7	Labelling of valves & piping	Lot	1			
	Coring Through Brickwork					
2,8	Core through 220 mm brick work, 30 mm diam core.	No	3			
	Decommissioning					
2,9	Decommissioning of existing compressor installation for safe relocation	No	1			
	Relocation of Weather Proof Housing and Compressor					
2,10	Relocation of compressor and weather proof housing to new location external of laundry	No	1			
	Commissioning					
2,11	Installation to new postion of compressor and weather proof house, connection of new new pipe reticulation to additional laudry press and roller iron, commissioning testing and coc for correct operation of system	No	1			
	Training of Staff					
2,12	Training of staff on operation of units; ; location of equipment and ba	No	1			
	Total Carried forward to Summary Page					

BNM CONSORTIUM - RNA CONSULTING ENGINEERS
PHASE 3
REFURBISHMENT OF NEW LAUNDRY
COMPRESSOR RELOCATION

BILL NO.	DESCRIPTION	AMOUNT
1	**BILL NO. 1 : PRELIMINARY AND GENERAL**	
2	**BILL NO. 2 : RELOCATION OF EXISTING PNEUMATIC COMPRESSOR**	
	SUBTOTAL	
	VAT @ 15%	
	TOTAL	

The Total Price including Main Contractor's Mark-up which excludes VAT, must be carried over to the final summary in Volume 1 and all fixed amounts shown in the price schedule must be included therein. No adjustments will be made for any failure by Tenderers to include the fixed amounts in the Total Price for this particular installation.

SUB-CONTRACTOR'S NAME: ……..

DATE: ……..

SIGNATURE: ……

N.B. The above-named Sub-Contractor is to be employed on this contract. Substitute Sub-Contractors are not acceptable.

The price submitted include all Main Contractor's 'Profit and Mark up BUT Exclude the VAT when transferring price to Volume 1 of the Final Summary Total of the Main Contractor's Document

PART C3
SCOPE OF WORKS

Bid Description:	**Dora Nginza Hospital - Upgrades and additions to the existing Laundry: BID NO: SCMU3-25/26-0637-DNG**
Tender No:	**SCMU3-25/26-0637-DNG**

C3.1 SCOPE OF WORKS

DESCRIPTION OF THE WORKS:

BLOCK G - LAUNDRY ADDITIONS / ALTERATIONS

The following works to be carried out at the Dora Nginza Hospital – Block G Laundry – Gqeberha, Eastern Cape:

Scope of works:
Covering and enclosing to existing platform area 30m2, Enclosure of existing roofed / canopy area - 47m2

- **Demolitions –** New wall openings created, removal of existing windows and doors to new positions to be reinstated.
- **Walls and partition –** New masonry brick walls - external face brick, internal plastered to match to new areas created.
- **Ceilings –** New ceiling to new areas as required, repair ceilings where affected by enclosure and demolitions.
- **Eaves -** Repair of existing overhanging roof eaves.
- **Floors –** New levelled concrete floor to match existing Laundry floor level on existing concrete floor slab. Repair of existing floors affected by demolitions.
- **Structural –** 6m2 New suspended floor and steel wall support frame for cladding installed between existing buildings.
- **Paint –** New complete (all internal areas under scope area).
- **Doors -** New doors where required. Service / repair and reinstatement of existing roller shutter doors.
- **Plumbing And Drainage -** Drainage and plumbing as required to service Laundry equipment – see Mechanical.
- **Windows –** Removal of existing and reinstatement of window in new position.
- **Ironmongery -** New to all new doors.

Mechanical

- Fresh-air ventilations system as required.
- Domestic Water Installation.
- Compressor relocation.

Electrical

- Connection to LV mains panel in Hospital Generator room.
- New Distribution board in Laundry area.
- New lighting to all areas under scope area allowed for.
- New light switches to all areas under scope area allowed for.

OHS SPECIFICATION

PROJECT SPECIFIC OCCUPATIONAL HEALTH AND SAFETY SPECIFICATION

EASTERN CAPE DEPARTMENT OF HEALTH

PROJECT TITLE	**DORA NGINZA HOSPITAL PORT ELIZABETH: BLOCK G – LAUNDRY ADDITIONS AND ALTERATIONS**
BID NO	
LOCATION	**3234 Dora Nginza Hospital**

3234 Dora Nginza Hospital

INDEX

KEY ROLE PLAYERS
LIST OF ABBREVIATIONS
DEFINITIONS
KEY REFERENCES
SCOPE OF WORK
1. PREAMBLE
1.1 Purpose of the Occupational Health & Safety Specification
1.2 Implementation of the Project Specific Occupational Health & Safety Specification
1.3 Requirements at Tender Stage
2 GENERAL REQUIREMENTS
2.1 Summary of Risks identified during Design
2.2 Specified hazardous Chemical Substances
3 OCCUPATIONAL HEALTH & SAFETY MANAGEMENT
3.1 Structure and Organization of H&S Responsibilities
3.1.1 Notification of construction work
4. HEALTH AND SAFETY PLAN FRAMEWORK
4.1 Appointment of Competent Site Personnel
4.1.1 Construction Supervision
4.1.2 Construction Health and Safety Officer
4.1.3 Health and Safety Representatives and H&S meetings
4.2.1 Health and Safety Meetings
4.2.2 During the Health and Safety Meeting or event
4.2.3 After the Health and Safety Meeting
4.3 Appointment of Competent Contractors
5. GENERAL RISK MANAGEMENT
5.1 Health Risks and Medical Surveillance
5.1.1 General Environmental Conditions
5.1.2 Noise Risks
5.2 Emergency Procedures
5.2.1 First Aiders and First Aid Equipment
5.2.2 Fires and Emergency Management
5.2.3 Incident Management and Compensation Claims
5.3 Personal Protective Equipment (PPE) and clothing
5.4 Occupational Health and Safety Signage
5.5 Induction of Employees and Visitors, General H&S Training
5.6 Management of plant and equipment
5.7 Working at Heights
5.8 Auditing
5.9 Communication on Site
5.10 Care of Workers on Site: Access/Egress of Site Welfare Facilities
5.11 Discipline, Alcohol and Substance Abuse
5.12 Electrical Equipment
5.13 Asbestos Management
5.14 Demolition
5.15 Barricading and Hoarding
5.16 Traffic Management
5.17 Biological Hazards
5.18 Temporary Works - Scaffolding, support work, formwork
5.19 Safety Rules with respect to work at Health Care Facilities

6 HEALTH AND SAFETY FILE
7 NON – CONFORMANCES
7.1 Failure to Comply with Provisions

ANNEXURE A: CLOSE OUT REQUIREMENTS
ANNEXURE B: NON-CONFORMANCES
ANNEXURE C: CONTRACTORS MONTHLY HEALTH AND SAFETY REPORT

3224 Dora Nginza Hospital

PROJECT SPECIFIC OCCUPATIONAL HEALTH AND SAFETY SPECIFICATION

LIST OF ABBREVIATIONS

AIA	Approved Inspection Authority
BoQ	Bill of Quantities
CC	Compensation Commissioner
CHS	Construction Health and Safety
CHSA	Construction Health and Safety Agent
CHSO	Construction Health and Safety Officer
CR	Construction Regulations (Gazette 10113 of 07/02/2014)
ECDOH	Eastern Cape Department of Health
DMR	Driven Machinery Regulations
DoL	Department of Labour
FEMA	Federated Employers Mutual Association
GAR	General Administration Regulations
GSR	General Safety Regulations
HCAR	Hazardous Chemical Agent Regulations
HIRA	Hazard Identification Risk Assessment
H&S	Health and Safety
ER	Engineer's Representative
LI	Labour Intensive
OH	Occupational Health
OHS	Occupational Health and Safety
OHSA	Occupational Health and Safety Act No. 85 of 1993 (as amended)
OHSS	Occupational Health and Safety Specification
PA	Principal Agent
PSHSS	Project Specific Health and Safety Specification
PC	Principal Contractor
PPE	Personal Protective Equipment
SANS	South African National Standards (Authority)
SDS	Safety Data Sheet
SMME	Small, Micro, Medium Enterprise
SWP	Safe Work Procedure
PA	Principal Agent
PSP	Professional Service Provider

DEFINITIONS

The definitions used will be those set out in the Regulation Gazette No 84 of 2014 7 February 2014 with the following additions:

Client: Eastern Cape Department of Health

Construction Health and Safety Agent:
A competent person appointed by the Client to carry out the duties of the Client in respect of Occupational Health and Safety on the Project in terms of Regulation 5 sub regs (5) and / or (6)

Designer: Means a competent person appointed by the Client as Agent to design, supervise and monitor construction on their behalf.

Hazard: Source of exposure to danger

3234 Dora Nginza Hospital

Hazard Identification and Risk Assessment (HIRA) and Risk Control:

Means a documented plan, which identifies hazards, assesses the risks and details the control measures and safe working procedures which are to be used to mitigate and control the occurrence of hazards and risks during construction or operation phases.

Health and Safety Agent:

Means any person who acts as a representative for the Client in managing the overall health and safety work as their responsible person.

Health and Safety Plan:

Means a documented plan which answers to the Site-specific Health and Safety Specification; including all the supporting documentation that indicate how the Principal Contractor or Contractor plans to manage H&S for the duration of the Contract.

Induction Training:

Means once off introductory training on general health and safety issues given to all employees and visitors to the site before commencement of work on site.

Principal Agent:

Means a competent person appointed by the Client to design, supervise and monitor the construction on their behalf.

Risk: Means the probability or likelihood that a hazard can result in injury or damage.

Regulation/s:

Shall mean the relevant regulation/s promulgated in terms of the Occupational Health and Safety Act, No. 85 of 1993.

Site: Means the area in the possession of the Principal Contractor for the construction of the works. Where there is no demarcated boundary it will include all adjacent areas, which are reasonably required for the activities for the Principal Contractor and approved for such use by the Designer.

The Act: Means, unless the context indicates otherwise, the Occupational Health and Safety Act, No. 85 of 1993 and Regulations promulgated thereunder, as amended.

Workplace means any premises or place where a person performs work.

KEY REFERENCES

Occupational Health and Safety Act No. 85 of 1993 and Regulations (as amended)
Compensation for Injury and Occupational Diseases Act No. 100 of 1993 (as amended)
The GCC 3rd Edition 2015
Construction Specifications & Standards 6.0 for Southern Africa. Hans Wegelin 6th Edition 2010
SANS Code 10400
SANS10085
Compensation for Injury and Occupational Diseases Act No. 100 of 1993 (as amended)
Risk Adjusted Strategy Regulation- issued by the Department of Cooperative Governance
Asbestos Regulations 2001 – as amended in 2003.
Asbestos Abatement Regulations 2020

2024 Dora Nginza Hospital

SCOPE OF WORK:

DESCRIPTION OF THE WORKS:

BLOCK G - LAUNDRY ADDITIONS / ALTERATIONS

The following works to be carried out at the Dora Nginza Hospital – Block G Laundry – Gqeberha, Eastern Cape:

Scope of works:
Covering and enclosing to existing platform area 30m2, Enclosure of existing roofed / canopy area - 47m2

- **Demolitions –** New wall openings created removal of existing windows and doors to new positions to be reinstated.
- **Walls and partition –** New masonry brick walls - external face brick, internal plastered to match to new areas created.
- **Ceilings –** New ceiling to new areas as required, repair ceilings were affected by enclosure and demolitions.
- **Eaves -** Repair of existing overhanging roof eaves.
- **Floors –** New levelled concrete floor to match existing laundry floor level on existing concrete floor slab. Repair of existing floors affected by demolitions.
- **Structural –** 6m2 New suspended floor and steel wall support frame for cladding installed between existing buildings.
- **Paint –** New complete (all internal areas under scope area).
- **Doors -** New doors where required. Service / repair and reinstatement of existing roller shutter doors.
- **Plumbing And Drainage -** Drainage and plumbing as required to service Laundry equipment – see Mechanical for hot-water system noted.
- **Windows –** Removal of existing and reinstatement of window in new position.
- **Ironmongery -** New to all new doors.

Mechanical

- Fresh-air ventilations system as required.
- Extract ventilation system as required.

Electrical

- Connection to LV mains panel in Hospital Generator room.
- New Distribution board in Laundry area.
- New lighting to all areas under scope area allowed for.
- New light switches to all areas under scope area allowed for.

1. PREAMBLE

Each year fatalities, serious injuries and poor attitudes of Contractors mar (spoil) the reputation of the Construction Industry. The Eastern Cape Department of Health has a responsibility to limit its risk by ensuring a zero tolerance and better practice approach to Contractors and those affiliated to a particular project. Thus a high premium is placed on the health and safety (H&S) of Eastern Cape Department of Health stakeholders, which include its employees, patients, professional service providers, public and it's physical assets. The responsibilities that the Eastern Cape Department of Health and relevant stakeholders have toward its employees are captured in but not limited to this document. The responsibilities stem from both moral, civil and a variety of legal obligations. The Principal Contractor is to take due cognisance of the above statement.

8234 Dora Nginza Hospital

Eastern Cape Department of Health, as the Client and where there is an appointed CHS Agent on its behalf, shall provide a project specific Health & Safety Specification (PSHSS) for the project and provide the Principal Contractor/s making a bid or appointed to perform construction work for the project, or parts thereof.

1.1 Purpose of the Project Specific Health and Safety Specification (PSHSS)

The PSHSS is a performance specification to ensure that the Client and any bodies that enter into formal agreements with the Client viz. Agents, Professional Service Consultants (Engineers, Quantity Surveyors and Architects), Principal Contractors and Contractors achieve an acceptable level of OHS performance. No advice, approval of any document required by the PSHSS, such as hazard identification and risk assessments, or any other form of communication from the Client shall be construed as acceptance by the Client of any obligation that absolves the Principal Contractor from achieving the required level of performance and compliance with legal requirements. Furthermore, there is no acceptance of liability by the Client, which may result from the Principal Contractor failing to comply with the PSHSS, i.e. the Principal Contractor remains responsible for achieving the required performance levels.

A Mandatary Agreement in terms of Section 37.2 of the OHSA will be signed between parties prior to any works commencing.
The PSHSS highlights the aspects to be implemented over and above the minimum requirements of current legislation. Requirements may be changed should new risks or issues are identified that could not have been foreseen during the design phase of the project, or during the construction phase. Any new legislation or standards (legislated or determined by Eastern Cape Department of Health that are promulgated or accepted during the contract will automatically be applied.

It should be noted that this OHSS in no way relieves the Contractor of any of his responsibilities set out in the Act and Regulations.

1.2 Implementation of the Project Specific Occupational Health and Safety Specifications (PSHSS)

The project specific H&S specification (PSHSS) forms an integral part of the Contract, and PCs are required to make it an integral part of their Contracts with Contractors and Suppliers. A PSHSS will be available for each level of Contract and Contractor and must be complied with.

This specification must be read in conjunction with the OHSA, Regulations (as amended) and any other standards relating to work being done and ensure compliance thereto.
The information relative to the scope of the project, the works etc. are detailed in the tender, are to be considered when developing the H&S plan and associated documentation. The summary of risks is included in Section 2 of the PSHSS.

The OHSA S.37.2 Mandatory Agreement must be fully completed by the PC, supplied by the Client. These documents shall be deemed to form part of the returnable Contract Documents.

No work may commence without written approval of the H&S plan by the CHS Agent, or the responsible person in Eastern Cape Department of Health as well as the approval of the Construction Work Permit from the Department of Employment and Labour.

Should there be design changes, or change in the scope of works, an amended PSHSS may be issued. Where amended PSHSS are issued, the PC will be required to ensure a resubmission of an amended H&S plan for approval. Further to this, the PC must ensure that similar information must be provided as it applies to the works to all their Contractors, within 5 working days following notification thereof. Such design changes.

8234 Dora Nginza Hospital

The CHS Agent will visit the project as deemed necessary by the Designer and the CHS Agent to ensure compliance and limit risk. All activities on the site and all appropriate documentation will be monitored and reported on to the Client and the Designer.

Non-conformances will be issued, and penalties or work stoppage will be issued where appropriate. Communication between the CHS Agent and the PC will be through the Designer (PA) (or Client's responsible person) as determined at the commencement of the project.

1.3 Requirements at Tender Stage

Tenderers are required to submit a project specific pre-tender H&S plan with their Tender submission. The documentation submitted will be used to assess the competence of the tenderer, as required in the CRs, therefore the information submitted needs to be complete and as close as possible to the final product.

Adequate pricing for H&S is required, and the appropriate section in the BoQ is to be completed. Failure to do so could result in the Tender being regarded as non-responsive.

The PC shall ensure adequate information is submitted as supporting documentation with his completed Tender. Such information will be assessed against the criteria listed and a score provided to the Bid Award Committee (BAC) for consideration. Failure to provide such information could render the tender application non-responsive.

A project specific H&S Plan in response to this PSHSS will be subject to approval by the CHS Agent. This must include all supporting documentation as required to verify the H&S system:

- A declaration to the effect that the Principal Contractor has the competence and necessary resources to carry out the work safely in compliance with the Occupational Health and Safety Act and its Regulations;
- A valid Letter of Good Standing;
- Detailed technical method statements for approval by the Designer and appropriate risk assessments and safe work procedures for approval by the CHS Agent or Client for all high-risk items.

Further method statements are to be submitted prior to, and during the project where changes or new work is required, and the approval of the Designer/Client is required before work on that aspect or activity can commence.

The CHS Officer is to be included in production planning sessions/meetings to ensure that the appropriate risk assessments, safe work procedures and communication required are available and completed timeously. Penalties will be applied should this not be adhered to and deemed a serious offence.

2. GENERAL REQUIREMENTS

2.1 Summary of Risks identified during Design.

The intention of the summary of findings from the design baseline risk assessment is to highlight the residual risks identified during the design phase. The full design risk assessment can be found in the tender document.
The summary of risks provided is to point the contractor towards some risks he may not be aware of during tendering stage and while developing his formal risk assessments for the project.

3234 Dora Nginza Hospital

The design risks and the management thereof should be included in the Principal Contractors (PC) risk assessments. Where there are other Contractors appointed to do work, the PC is to ensure that Contractors include such information in their risk assessments.

The summary is to be developed following the completion of the Design baseline risk assessment, and to include the residual risks as they apply to the project. The items noted are for information only and must be expanded on as required by the project.

- Equipment and Machinery;
- Chemical and Environmental;
- Traffic and Site Access;
- Subsurface Utility Conflicts;
- Wildlife and Insects;
- Material Handling and Lifting;
- Personal Protective Equipment (PPE);
- Communication Hazards;
- Inadequate Training;
- Client and Public Relations;
- Infection Control;
- Patient and Visitor Awareness;
- Emergency Response Coordination;
- Patient Privacy and Confidentiality;
- Noise and Disturbance;
- Hospital-Specific Protocols;
- Emergency Medical Services (EMS) Access;
- Communication with Hospital Staff;
- Biological Risks;
- Risk to the Environment including dust management;
- Unknown and existing services;
- Electrical Equipment;
- Working at Heights;
- Hazardous Chemical Substances
- Ergonomics
- Lifting Equipment
- Traffic Accommodation
- Demolishing
- Waste Management
- Working in confined spaces
- Asbestos Management
- Painting
- Brickwork
- Platering

3234 Dora Nginza Hospital

3. OCCUPATIONAL HEALTH & SAFETY MANAGEMENT

3.1 Structure and Organization of H&S Responsibilities

3.1.1 Notification of Commencement of Construction Work

The Contractor must acquire a “Notification of construction work” from the Department of Employment and Labour.

Work may not commence without the “Notification to do Construction Work” form being completed by the contractor and contractor has received an acknowledgement letter from the Department of Employment and Labour. This includes, inter alia, the Contractor’s Health and safety Plan as accepted by the Client.

It should be noted that this OHSS in no way relieves the Contractor of any of his responsibilities set out in the Act and Regulations

3.1.2 HEALTH AND SAFETY PLAN FRAMEWORK

The H&S aspects related to the project outlined in the previous sections are to be taken into account when drawing up the H&S Plan. The PC is required to demonstrate competence by providing an H&S system that will address the requirements of the project.

The current legislative requirements, SANS codes, SANS 10400 and any other standards that may guide practice are to be taken into consideration. The following aspects must be addressed in the H&S Plan, as they have been identified in section 2, as playing a role in reducing the overall risk of a particular activity, or section of the project.

The CHS Agent may from time-to-time request additions or systems as they relate to the works or legislative requirements at the time.

<u>The PC is to prepare a site layout drawing to indicate at least the following:</u>

The positions of site offices of all Contractors, toilets, drinking water and worker rest areas;
Indicate the positions of emergency personnel and equipment (fire, first aiders, first aid posts);
Protection of plant and pedestrians, indicate parking, and
Storage areas (materials and equipment, waste etc.)
Access and egress to site for deliveries and intended temporary traffic management,
Emergency assembly point

Such layouts are to be updated regularly throughout the project.

3.2 Appointment of Competent Site Personnel

The CEO (OHSA S16.1) of the PC will take overall responsibility for the appointment of competent site staff for the duration of the project. Should the CEO not be personally involved in the project, the H&S responsibilities are to be delegated to the Site Agent (OHSA 16.2). Knowledge and training in H&S is required, and certificates indicating H&S training as well as experience to be included in CVs.

All other legal appointments are to be made with relevance to the type of work required and kept current with the project programme. The construction team is to ensure the appointed CHS Officer is kept up to date with all planned activities, to ensure all H&S requirements are met.

3234 Dora Nginza Hospital

All construction/technical method statements are to be generated by senior site personnel, and the appropriate risk assessments are developed therefrom in conjunction with the CHS Officer.

The Occupational Health and Safety Plan shall include the following, but is not limited to the following key appointments:

3.2.1 Construction Supervision

Competent Full-Time Construction Managers (CR8.1) will be appointed to manage part or all of the works and have training and/or experience in the area of responsibility. All site supervisors must show evidence of appropriate training in H&S, and an understanding or training in areas of responsibility (i.e. risk assessments, method statements etc.).

Multiple competent Assistant Construction Managers (CR8.2) may be appointed where justified by the scope and complexity of the works.

Curriculum Vitae (CVs) are to be submitted for approval by the Designer (PA) and/or Client. The Supervisor will be held responsible for the safety of working teams and subordinates, housekeeping and stacking and storage of materials.

If the Construction Manager (CR8.1) changes throughout the project. The Principal Contractor must ensure to provide the proposed Construction Manager CV and certificates for approval and then update the Annexure 2 and ensure that the appointment letter as well as proof of competency is available in the Health and Safety File.

3.2.2 Construction Health and Safety Officer

The PC will employ at least one competent, full-time CHS Officer (CR8.5) for the duration of the contract. The CHS Officer's CV is to be submitted for approval by the CHS Agent or the Client, at time of tender. The PC is to ensure adequate resources are provided in order to undertake all

responsibilities (i.e. mobile phone, computer and internet access, vehicle etc.) Qualifications shall include at least Grade 12, Diploma in H&S qualifications or similar, with exposure to civil engineering and building that is appropriate given the level of project complexity preferably in an OHS capacity. He should also have undergone training in the Act and Regulations. In the case of a contract where contractors are employed, the CHS Officer must have a competence to evaluate the Contractors Health and Safety plans.

Proof of registration as a Construction Health and Safety Officer with SACPCMP must be supplied.

This person may not hold any other position on the site staff.
The site supervisor may not act as the CHS Officer.
The CHS Officer/s will be held responsible for all H&S on the project.

- Senior site staff and supervision, Contractors are to follow systems, instructions etc. given by the CHS Officer at all times;
- No new workers or Contractors may commence work without approval or following the H&S plan as submitted, and
- No inductions of Contractor staff until the H&S documentation is approved by the CHS Officer.
- The CHS Officer/s may not be removed or replaced without the approval of the CHS Agent, nor may the site be left unattended for more than 1 day without adequate, competent cover.

3234 Dora Nginza Hospital

A monthly report of all H&S activities and incidents is required by the end of the first week of each month, or at a date agreed to by the CHS Agent/Client and the CHS Officer. An example of the monthly report is attached as an Annexure C.

The CHS Officer will be responsible for collating the H&S documentation at the close out of the project in electronic format. The PC is to ensure that all Contractors documentation follows the same requirements and closed out H&S documentation must be completed and be available with the close out of the main contract.

If the CHSO is replaced the Principal contractor is required to submit the following documentation for approval by the Client and appointed Pr. CHSA at least two weeks before as The Department of Employment and Labour will need to be notified regarding the changes:

1. Applicant CV
2. Applicant Competency
3. SACPCMP Letter of Goodstanding

Failure to do so will be considered a serious offence and penalties /stoppage of site will apply.

3.3 Health and Safety Representatives and H&S meetings

H&S Representatives representing workers and Contractors are to be appointed following the startup of the project, irrespective of the number of workers on site. The appointed H&S Representatives are to be actively involved with H&S and will assist the CHS Officer and site management in meeting legislative duties.

The CHS Officer shall further ensure that H&S is discussed at all internal production or progress meetings. Issues arising from the CHS Agent audits are to be discussed, as well as all H&S related issues.

Minutes are to be kept for all H&S interventions and meetings.

Failure to do so will be deemed to be a moderate offence.

3.4 Appointment of Competent Contractors

The Principal Contractor is to ensure compliance with the Client's minimum standards and all legislative requirements. The same H&S standards required of the PC are to be applied to all Contractors. An index of all Contractors and Suppliers is to be on file and kept updated at all times. The PC is to ensure there is sufficient funding for H&S compliance by each Contractor.

The following minimum aspects are applicable to any Contractor appointed:

- The CHS Officer is to ensure a Contractors appointment and approval of H&S documentation at least seven (7) working days prior to commencing work.
- The contractor should take note of the required workload of the appointed CHSO in relation to the appointed SMME's
- No Contractor may work under the PC's Compensation registration number. If required, the PC may assist SMMEs with their registration with the Compensation Commissioner. However, such Contractors will not be able to commence work until proof of registration or Letter of Good Standing has been received.
- No work may commence without Mandatary agreements between parties in place.

3024 Dora Nginza Hospital

The following aspects are applicable to Suppliers or short-term works (surveying, repairs, servicing, deliveries etc). Cognisance is to be taken of the level of risk involved and the CHS Officer is to ensure the level of H&S documentation is appropriate:

- Signed Mandatary agreements in place
- Valid Letter of Good Standing
- Method statements and risk assessments
- Available information relative to:
    - Load testing and registers for cranes or lifting devices
    - Medical certificates of fitness
    - Safety data sheets (SDSs)

Failure to provide written approval of H&S documentation will be considered a serious offense, and could result in aspects of, or all the activities being stopped, and penalties implemented.

4 GENERAL RISK MANAGEMENT

4.1 Health Risks and Medical Surveillance

As some products use in the building work have not been identified, the PC is to ensure the CHS Officer and all supervision is responsible for ensuring the safe use of such products, and their inclusion into method statements and risk assessment. The appropriate SDSs are to be obtained for all products and used to develop the H&S documentation as they relate to the works.

Many of the processes may be labour intensive and ergonomic risks are to be noted. All workers (including Contractors) are to be included in the medical surveillance programme.

Workers will be exposed to biological risk, noise, dust, and physical risks from extended periods of work of a repetitive nature, materials specified and the general nature of the business.

Environmental monitoring results and risk assessments are to be made available to the occupational health professionals doing the medical surveillance. The use of occupational risk exposure profiling (OREPS) and job descriptions are to be used to determine specific exposures for management.

All permanent workers (including those of Contractors) are required to be in possession of a medical certificate of fitness issued by an Occupational Medical Practitioner prior to commencing work.

Medical surveillance will commence at pre-employment. All workers (including Contractors) are required to be in possession of a medical certificate of fitness prior to commencing work. Annual medical surveillance is required (unless identified as being required more frequently), as well as an exit medical. Arrangements for keeping medical records for the required time are to be noted. It is recommended that the PC has a medical surveillance plan. Full medical records are not to be placed in the H&S file. A procedure for managing the medical records which require safekeeping for prescribed periods are to be addressed.
. Given the potential health risks the following aspects are to be included in each medical surveillance intervention:

- Full medical, surgical and occupational history;
- Full physical examination of all systems; and
- Referral if required for the management of identified health issues that may affect the worker.

Specific testing for existing conditions and limitations relative to exposure could include, but are not limited to:

- Audiometry (hearing tests); and
- Any other tests identified as relevant from chemical or specifically identified risks of exposure.

3264 Dora Nginza Hospital

No employee/ contract worker will be allowed on site without a valid medical certificate of fitness.

Failure to do so will be considered a serious offence.

5.1.1 General Environmental Conditions

Compliance with the Environmental Regulations (as amended), among others is required. Environmental monitoring of ventilation, lighting and dusts may be deemed to be required by the Approved Inspection Authority used to measure the environment. Copies of the relevant reports and actions taken in respect of these are to be placed in the H&S file.

5.1.2 Noise and Dust Control Risk

All plant from plant hire companies (suppliers) or that of the PC is to be compliant with the Noise Induced Hearing Loss Regulations. Plant identified that has not been tested and marked for noise emissions will result in having to be tested at the Contractors or PCs expense. Failure to do so within a reasonable time period will result in such plant being removed from site.

Audiometric testing of all workers is noted as required in the medical surveillance programme for all permanent workers prior to work commencing. Temporary labour working in identified noise areas will require testing if the noise levels are indicated on plant or through processes as greater than 85dB. Audiometry records are to be available in the H&S file.
Suitable SANS approved hearing protective equipment shall be issued and worn. Where several items of construction plant are in operation at or near to each other, the noise zone for the combined plant should be established and suitable hearing protective equipment used within this zone.

The PC must ensure to take note that the facility will be fully operational and take extra care and planning communicated to the hospital staff.

5.2 Emergency Procedures

An emergency plan and procedure that is appropriate to the risks is required prior to commencement on site. It is advised that the system should be simple and easy for any worker to follow. The plan may be adapted should new information or risks are identified.

The contractor will take into consideration the existing emergency plan and procedures of the existing facility. It must be noted that the Hospital Facility will be fully operational during construction works.

The procedure shall detail the response plan in relation to the works, and include at least (but are not limited to) the following key elements:

- Appointment of a competent emergency response co-ordinator
  - Fire;
  - Public injury, Motor vehicle accidents;
  - Falls from heights;
  - Serious injury to workers (medical or work-related); and
  - Any other major risks identified during risk assessments.

Drills to be conducted bi-monthly for the below:

- Fire drill.
- Bomb threat.
- Fall from Heights Rescue procedures.

The emergency plan is to ensure the inclusion of local service providers where possible. Such arrangements should be made with these persons prior to the commencement of the project.
Local emergency telephone numbers must be displayed and made part of the emergency procedure.

3234 Dora Nginza Hospital

- First aid
  Extra gloves, ld they be required to respond.
- Evacuation plans

The general principals of emergency management are to be applied as it applies to the hierarchy of control and management.

5.2.1 First Aiders and First Aid Equipment

At least 2 first aiders will be trained to Level 3. First aiders shall be available and accessible on site at all times and be able to work as a team when responding to any emergency on the project.

Contractors are expected to ensure compliance and provide/manage their own first aiders and equipment. The number of First aiders will be determined by the complexity and exposed risks of the project, not numbers of workers.

Appropriately stocked first aid kits, as per the GAR requirements, are to be available at all times to assure continual availability and access on site.

First aiders shall be available and accessible on site at all times and be able to work as a team when responding to any emergency on the project. The contractor is to ensure that the first aider forms part of the rescue planning emergency situations when working on heights.

5.2.2 Fires and Emergency Management

Attention to emergency planning and procedures is very important. The full emergency plan must form part of the supporting documentation with the H&S Plan. The CHS Agents approval of all emergency plans and procedures is required prior to commencement on site. It is advised that the system should be simple and easy for any worker to follow. The plan may be adapted should new information or risks are identified.

First aiders shall be available in each working team and be able to work as a team when responding to any emergency on the project.

The procedure shall detail the response plan in relation to the works, and include at least (but are not limited to) the following key elements:
Appointment of a competent emergency response co-ordinator and wardens;

- Lists of first aiders, and
- Requirement in terms of identified risks:
  - Fire;
  - Explosions;
  - Falls from heights, and
  - Motor vehicle accidents.
  - Biological risks: e.g., disease outbreaks

The emergency plan is to ensure the inclusion of local service providers where possible. Such arrangements should be made with these persons prior to the commencement of the project.
The emergency plan is to include the risk of fire on site and related to any specific activities where gas, welding, cutting etc. occur.

Fire extinguishers will be appropriate for the risk and in sufficient numbers to deal with the type of fires that could occur. All mobile plants are to have appropriate, accessible fire extinguishers. Hot work permits are required for any such activities.

3234 Dora Nginza Hospital

5.2.3 Incident Management and Compensation Claims

All incidents and accidents are to be investigated. All serious incidents involving any form of disabling injury or fatality are to be reported to the Designer (PA) /Client /CHS Agent immediately. This shall be confirmed in writing following the incident. Full details are to be included in each site meeting or when the Client visits site. A summary of incidents is to be included in the monthly report.

Any person who contracts an Occupational Disease will need to be reported to the Compensation Commissioner as an occupational disease where their work is to monitor and in contact with others. Such details are provided in the Compensation for Injuries and Diseases Act (COIDA).

Failure to comply with emergency provisions will be considered a serious offence, and the operation or project may be stopped if deemed inadequate for the work at the time of assessment or site inspection.

5.3 Personal Protective Equipment (PPE) and Clothing

The PC is to provide a procedure as an addendum to indicate how PPE is managed within the Company.
The wearing of the identified SANS approved PPE. The PC shall ensure that all workers (Including Contractors) are issued with and shall wear:

- Hard hats;
- Protective footwear;
- Dust Masks
- Hand Gloves
- Overalls that ensure worker visibility.
- Eye protection (if required)
- Hearing protection;
- Reflective jackets (no bibs)
- Harnesses (working on heights)
- Respiratory protection (minimum of FFP2), and
- Any other necessary PPE identified from SDSs and/or risk assessments.

Adequate quantities of PPE shall be available. This shall include the necessary PPE for visitors. The procedures for managing PPE are to be in a formal procedure submitted with the H&S plan for approval.

Any person (including Client, Designers (PA) & PSP'S etc.) found on site without the necessary PPE will be removed from site until the PPE is supplied and worn.

Failure to comply will result in penalties being applied.

5.4 Occupational Health and Safety Signage

On-site H&S signage is required. Signage shall be posted up at fixed or temporary working areas, or other potential risk areas/operations. These signs shall be in accordance with the requirements of the General Safety Regulations or SANS requirements as amended. Signage is to be noted on the site drawings indicating where fixed/temporary signage is required.

It should be noted that the Hospital Facility will be fully operational during construction activities and the contractor to ensure sufficient separation.

0234 Dora Nginza Hospital

Temporary signage is to include (but not be limited to) the following:

- Report to site office/ 'Warning: Construction Site – Keep out' or similar;
- Site office
- hard hat area or other PPE requirements noted;
- First aid box positions (including vehicles); and
- Fire extinguishers.
- Assembly Area

Signs shall be posted at areas of work on site indicating that a construction site is being entered and that persons should take note of H&S requirements.
Note should be taken that "omnibus" signs indicating that the entire site requires PPE should not be used. Any areas where PPE is mandatory must be separately signed.

The Principal Contractor must ensure that members of the that need to access the hospital will not be able to gain access to the construction area. It should be noted that the Hospital will be fully operational, and the construction area should be properly and securely barricaded at all times.

Failure to comply will result in penalties being applied.

5.5 Induction of Employees and Visitors, General H&S Training

A simple, formal induction programme is to be submitted as an addendum for approval with the H&S plan. Inductions must be carried out for all workers and visitors (including Client and PSP's) to the site.

Pre-task training is required to ensure workers are familiar with the risks and H&S measures of the work or tasks to be done. Such training is to be done at least daily. Records of inductions and pre-task training are to be kept in the H&S file.

Any person found on site without proof of induction in the H&S File will be removed from site until the proof is supplied and, and a penalty issued per non-compliance.

5.6 Management of Plant and Equipment

Close control of plant and equipment is required, including that of Contractors. No man made and damaged equipment to be used on site, control of all equipment and plant is required. It should be

noted that control measures should be implemented especially between the working areas and should at all times be separated from the existing facilities employees' persons and vehicles.

Daily monitoring of all plant and equipment is required prior to commencing work. Full lists of hired and own plant are to be available at the CHS Agent's/Client audit. All daily inspection records are to be kept in the H&S file. Plant Hire and Haulage Contractors are to comply with the requirements where plant and equipment is brought onto site. Registers are not to be more than 1 week behind.

Only competent, fit plant operators are to be used and in possession of medical certificates of fitness. Any plant or slings used to lift plant or material require annual load testing by an AIA, and all certificates must have the testers LMI/E number. Operators are to be adequately trained and certified to operate mobile cranes or crane trucks. Certificates and registers are to be placed in the H&S file.
Movement of plant in closures and in confined working areas is to be closely monitored and managed by the supervisors. The blind spots of plant are to be taken into account and workers and Contractors protected accordingly.

Failure to do so will be considered a serious offence.

©2021 Dora Nginza Hospital

5.7 Working at heights

The appointment Fall protection planner to be approved prior to appointment. A fall protection and rescue plan is to be available and supplied as an addendum to the H&S plan. The Fall protection plan to be submitted for approval prior to working at heights. The fall protection plan must be appropriate for the project. Method statements, appropriate risk assessments, safe work procedures and training are to be available prior to work commencing. Tenderers are to note that a large portion of the works associated with this bill section are required over existing roads ways and at extreme heights (ground level to top of roof approximately 9m). Area will be securely barricaded and will not be open to any vehicles or persons.

Construction drawings shall be required for all temporary structures as they relate to the project. The drawings shall be accompanied by full calculations, design loads and any relevant test results as required by the SANS code and ensure adequate allowance for the development of appropriate documentation and training. All drawings are to be checked and signed by a competent structural engineer (registered with ECSA).

The focus for working at height shall include fall restraint systems where possible except during assembling or dismantling top components or where it is not deemed safe.
The relevant SANS codes are to be applied as they apply to the works and the project, such as:

- SANS 10085
- SANS 10333 (parts 1-3)

Should part of the works be contracted out, competent Contractors are to be appointed and submit documentation according to the project requirements. The PC is to note if such work is to be contracted to specialists in the H&S Plan. The plan is to be developed and work managed by a competent person for the duration of the project. The following aspects must be included:

- The public or users of buildings are to be protected at all times by way of hoarding, barricading or fencing
- Notices to be posted
- Restrictions or stoppage when weather conditions are deemed hazardous
- Permit system for working at heights
- Prevention of falling tools or equipment
- Link to emergency plan regarding rescue

All workers are to be in possession of valid certificates of fitness that extend for the duration of the works. Note the requirements in the section relating to medical surveillance.

Registers and all relevant documentation are to be placed in the H&S file.

Work will be stopped, and penalties applied to any work at heights that is not compliant.

5.8 Auditing

Frequency of external auditing by the CHS Agent or Client will be conducted every 30 Days to ensure that the contractors conform to the requirements of the Construction Regulations. The site will be inspected, and the documentation audited relative to the activities and H&S plan. The CHS Officer of the PC must accompany the Client, or the CHS Agent, on all audits and inspections.

The PC will ensure that all their Contractors are audited at a frequency determined by the CHS Agent. Audit frequency may be increased if Contractors are not performing adequately. Audit results will be acted upon, and non-conformances and penalties issued where deemed appropriate. The Client, Designer or CHS Agent may act or require further outcomes if non-compliances are noted, or unsafe acts are noted on site.

8234 Dora Nginza Hospital

Internal audits are to include site conditions as well as ensuring H&S files are appropriate, and compliant. Comprehensive audit reports are to be made available, the format of the audit reports are to be acceptable by the CHS Agent.

The PC will be audited using a template as supplied in the tender document. The audit template will be adjusted from time to time relative to the activities on site. A similar process is to be used by the PC when auditing their Contractors on site. Compliance with legislative requirements and the systems provided by the PC to manage the H&S on site will be measured. Full compliance is required. Time limits for corrective actions will be set and must be adhered to.

Failure to address findings or non-conformances will be considered a serious offence.

5.9 Communication on Site

All H&S communication during the project between the CHS Agent and the PC will be done through the PA/Clerk of Works/Client and be in writing, including the issue and responses to non-conformances and H&S audit results.

Failure to address issues timeously will be considered a serious offence.

5.10 Care of Workers on Site: Access/Egress of Site / Welfare Facilities

Access

Contractor to ensure that Access control to be in place, hoardings erected to separate site from public. Extra hoarding to be in place to ensure the public and personnel are kept out of the construction site. The Hospital Facility will be fully operational, and the contractor must ensure no unauthorised entry by the public, patients as well as employees of the hospital at any time.

Welfare Facilities

Adequate toilets, clean, safe drinking water and decent shelter must be afforded workers at all times. Toilets will be within reasonable distance of workers, or placed with each working team in safe, with reasonable privacy. Existing facilities may not be shared with existing users of the facility. No substances containing Formaldehyde may be used in Chemical Toilets.

Ablution facilities are an essential facility that must be available for workers across a site. Facilities are a high-risk area and increased cleaning regimes are required to be introduced. A policy on how this will be done is required, that will cover both portable and permanent facilities. The following are considerations, that include, *inter alia*:

- Portable toilets to be provided at a 1:30 ratio but be sanitized daily as per Occupational Health and Safety Measures in Workplaces.
- Cleaners to continually clean and have a formal cleaning regime.
- Hand washing facilities (soap and water, paper towel) to be available where possible, and if not, to provide hand sanitizer.
- Induction training to educate to ensure all users are hand washing correctly.
- Portable toilets should be avoided wherever possible, but where in use these should be cleaned and emptied more frequently.
- Provide suitable and sufficient rubbish bins for hand towels with regular removal and disposal

3224 Dora Nginza Hospital

5.11 Discipline, Alcohol and Substance Abuse

All employees (management included) are to follow instructions given in the interest of H&S. Disciplinary action is to be imposed on those who do not follow such instructions or company rules or policies.

No person is allowed to work or access site if under the influence of alcohol or other substances that could impact on their own or others safety. The PC is to have a drug and alcohol policy available to manage such instances.

These requirements are applicable to any employee of any organization providing services on site. Penalties may also be applied by the Client, OHS Agent or Engineer.

The contractor will ensure to adhere to the hospitals rules and policies at all times.

5.12 Electrical Equipment

In addition to the requirements of the Electrical Machinery Regulations and the General Machinery Regulations any electrical distribution board used for construction work shall be fitted with suitable earth leakage protection. Leads must be properly and firmly connected. Plugs and sockets shall be in good and safe condition.
All electrical apparatus, other than electrical hand tools, shall have a physical “lock out” system which will prevent any operation other than that authorized by a supervisor. A “lock out” sign shall be displayed when the apparatus is not in use.
Method statements and safe work procedures will be required for all work involving electrical apparatus.

5.13 Asbestos Management

Refer to Asbestos Regulations Abatement Regulations 2020.

Asbestos containing materials have been identified at Dora Nginza Hospital at Block G. All asbestos work to be done in compliance with the Asbestos Abatement Regulations of 2020.
A full Asbestos Survey report will be issued to the successful bidder.

The removal of asbestos must be done by an asbestos approved Contractor. The H&S specification provided by the PC is to include as much information as possible relative to the requirements relating to asbestos. An asbestos removal plan to be done by an AIA and must be submitted and approved by the Department of Labour.
An Asbestos removal permit must be obtained before any removal works commence on site.

Contractor to ensure that all workers in the area where Asbestos is identified are to ensure workers wear the required PPE at all times.

Contractor to ensure that removal of any asbestos must be documented, and proof kept thereof in the Health and Safety File. Dumping certificates must be obtained for any asbestos removed from the site.

Failure to do so will be considered a serious offence.

9234 Dora Nginza Hospital

5.14 Demolition

Care is to be taken during demolition of walls; a stability survey should be carried out by a competent person. All rubble to be disposed on a regular basis and at a controlled refuse site.

Demolition plan to be submitted by the Principal Contractor for approval before any demolition commences.

The Contractor must at all times take into account that the Hospital Facility will be fully operational during the emergency repairs. Extra care to be taken at all times.

Failure to do so will be considered a serious offence.

5.15 Barricading and Hoarding

It is the responsibility of the contractor to ensure to price correctly for barricading and hoarding as the construction site (each separate construction area) must be securely separated and barricaded from the existing Hospital facility at all times and ensure that no public, hospital employees or patients can gain any access to the construction areas. Contractor to ensure that the barricading/ hording is maintained at all times as the hospital will be fully operational.

DANGER TAPE OR CANDY TAPE IS NOT PERMITTED TO BE USED ON SITE AS A MEANS OF DEMARCATION!

5.16 Traffic Management

The contractor to develop a comprehensive traffic management plan that includes:
A site-specific traffic flow diagram.
Identification of high-risk traffic areas or zones.
Strategies to minimize disruptions to normal hospital operations.
Measures to control vehicle and pedestrian movement around the work area.
Clear signage and demarcation of safe areas.
Procedures for managing temporary road closures or detours.
Provision for emergency vehicle access.
Plans for managing deliveries and contractor vehicles.

5.17 Biological Hazards

It should be noted that while performing construction work at Dora Nginza Hospital it is possible for construction workers to get into contact with biological risk. Coordination between contractor and hospital infection control shall be implemented to address any concerns relating to biological hazards. All workers entering the construction site must undergo training on the identification and handling of biological hazards prior to commencing work. Contractors shall apply appropriate health and safety measures including PPE and hygiene protocols as per the regulations for hazardous biological agents

The baseline site HIRA should continue to acknowledge Viral Hazardous Biological diseases outbreak as a general Hazard. Should there be an outbreak the HBA Regulations will apply, and this may require additional controls like HIRA, method statements that address transmission prevention planning, PPE and signage.

5.18 Temporary Works - Scaffolding, support work, formwork

Temporary works must be properly designed and signed off by a competent person. In these instances a competent person is defined as a Professional Engineer or Professional Technologist (registered with ECSA) who has sufficient experience in the design of the type of temporary work in

8256 Dora Nginza Hospital

question to be able to assess the design. The appropriate competent persons are to be appointed to manage and monitor such works to the satisfaction of the Engineer and CHS Agent. Records and registers are to be properly completed and kept in the H&S file. If temporary works are to be erected by a Contractor, this must be notified to the Designer/CHS Agent. All necessary calculations and drawings of temporary works must be kept on site and available to the PA and CHSA.

All scaffolding / temporary works support work must have design drawings that includes load bearing and approved by competent person.

Work will be stopped, and penalties applied to any scaffolding that is not compliant

5.19 Safety Rules with respect to work at Health Care Facilities

All persons on the premises shall obey the ECDoH & facilities' Health and Safety rules, procedures and practices.

All work shall be carried out within normal working hours except certain essential works which may need to be carried out after hours or over weekends.

Arrangements for such work to be agreed in advance between the Contractor and the facility.

Emergency / Firefighting equipment belonging to the premises is not to be interfered with.

Emergency Exits and Escape Routes, including Temporary Escapes Routes are not to be obstructed.

No persons shall carry out or initiate an unsafe / unhygienic act or operation whilst on the premises.

Workers are not to interfere with the duties of the hospital, its staff, patients or visitors.

The Contractor shall maintain good housekeeping standards in the areas being worked on throughout the duration of the contract.

The health facility reserves the right to search any person entering or leaving the health facility premises.

All workers must wear proper identification labels at all times – The Contractor will be asked to remove persons without identification from the premises.

The Contractor will not be permitted to use any tools or equipment belonging to the health facility.

The Contractor is to ensure that noise is kept to a minimum so as not to unduly interfere with the functioning of the adjacent facilities.

The Contractor is to ensure that dust from the works is properly contained so as not to cause problems with the normal functioning of the hospital facility activities.

9284 Dora Nginza Hospital

6 HEALTH AND SAFETY FILE

The documentation submitted and approved following the awarding of the contract will be used to form the H&S file. The H&S file is required to be laid out in a logical manner, and documentation filed within the file is to be easily accessible.
The following completed information shall be included (but not be limited to) as part of the index:

- The PSHSS;
- The H&S Plan and the approval by Client;
- The Traffic Management and Approval by Client
- Appointment by Client;
- Mandatory agreement with Client;
- Notification of Construction Work with the Department of Employment and Labour
- A record of all working drawings, calculations and design where applicable.
- Detailed list of Contractors with contact details, appointments, Mandatories etc.,
- H&S specifications issued;
- Record of Competencies (CVs) and appointments;
- Training Records;
- Permits;
- Method statements;
- Risk assessments;
- Safe work procedures;
- Emergency and injury management;
- Safety data sheets
- Medical surveillance records;
- Registers; and
- Records of audits, minutes etc.
- Plant lists
- Temporary electrical installations
- Employee records (who is on site)

3234 Dora Nginza Hospital

7 NON-CONFORMANCES

Should, at any time, the works, or part of the works, be stopped due to unsafe acts or non-compliance with the Clients or PCs H&S Plan; neither the PC nor any other Contractor shall have a claim for extension of time or any other compensation.
The following constitute examples of the types of non-conformances that will attract penalties:

Minor: **Penalty: R50/count**	**Medium:** **Penalty: R500/count and a non-conformance**	**Severe** **Penalty: R5000/count, a non-conformance and/or activity stoppage**
Non-use of PPE supplied	Toilets not supplied or regularly serviced; lack of drinking water	Contractors working without Health and Safety Plan approval
Non-completion of registers for plant and equipment on site	Contractors not audited	Workers transported in contravention of the OHS plan or legal requirements
Lack of H&S signage at work areas	Working without training or the appropriate, approved H&S method statements	Invalid Letters of Good Standing
Tools and equipment identified in poor condition during inspections	Legal non-conformances identified during the previous audit and not addressed within the agreed time frame	Non-compliance with traffic accommodation requirements: layout or physical conditions
	No monthly OHS report at site meeting to report on	Any serious breach of legal requirements
	No certificates of fitness for workers as required	
	Working without approved method statements	

7.1 Failure to Comply with Provisions

Failure or refusal on the part of the PC or their Contractors to take the necessary steps to ensure the safety of workers and the general public in accordance with these specifications or as required by statutory authorities or ordered by the engineer, shall be sufficient cause for the engineer to apply penalties as follows:

(i) A penalty as shown in the Table above shall be deducted for each and every occurrence of non-compliance with any of the requirements of the PSHSS.
(ii) In addition, a time-related penalty of R500, 00 per hour over and above the fixed penalty may be deducted for non-compliance to rectify any non-conformance within the allowable time after a site instruction to this effect has been given by the Designer. The site instruction shall state the agreed time, which shall be the time in hours for reinstatement of the defects. Should the Contractor fail to adhere to this instruction, the time-related penalty shall be applied from the time the instruction was given.

3234 Dora Nginza Hospital

ANNEXURE A
CLOSE OUT REQUIREMENTS

The H&S files for the Principal Contractors and all Contractors require closure and handover to the Client at the completion of the project. The following list is an example of what should be included, but is not exhaustive. The OHS Agent or the Client may require further information at the time of completion and the Principal Contractor is to ensure that all instructions are met. Documentation would include all records from the start of the project. Daily or monthly plant inspection records are not required unless they are related to an accident. All records to be in electronic format and submitted to the OHS agent for approval in adequately formatted lists and folders. Layout should be logical and in the same order as in the site files.

Health and Safety close out file requirements include:

a) Client H&S Specification
b) Principal Contractor's OHS Plan(s)
c) Principal Contractors Policies
d) Organograms
e) Legal Appointments
f) List of all employees employed on a permanent or contractual basis over the duration of the contract
g) Notification of Construction Work with the Department of Employment and Labour of commencement of work
h) Letter of Goodstanding
i) Full files for all Contractors as well as their close out reports
    - List of Contractors
    - All employees employed on a permanent or contractual basis over the duration of the contract
    - Letters of Approval of Contractors
    - Mandatary Agreements
    - Letters of Good Standing
    - Appointments
j) Incident Records
k) Non- Conformance records
l) Agent's Audits
m) Method Statements
n) Risk assessments
o) Safe work procedures
p) Medical surveillance certificates of fitness. Medical records are to be kept according to the OH&S Act as amended
q) All drawings for temporary structures (suspended beams/scaffolds etc.)
r) All operating manuals for any systems that require on-going maintenance
s) Copies of test results, policies and procedures for environmental monitoring (silica, noise, dusts etc.)

Defect and Liability Period
The H&S files are to be kept 'live' for the defect and liability period by the Principal Contractor, including those of their Contractors. Any work required during the defect and liability period will require an assessment of the H&S file by the OCHS Agent prior to any work commencing.
A copy drawing records for the as-builts are to be placed on file by the Designers once complete.

3234 Dora Nginza Hospital

ANNEXURE B
NON-CONFORMANCES

HEALTH AND SAFETY SITE INSPECTION **NON-CONFORMANCE NO**	
AGENT:	**PROJECT:**
Consultant:	**Date and time:**
Client	**Area:**
Contractor:	

ASPECTS NOTED:	**COMMENTS:**	**COMPLETION REQUIRED BY (DATE):**
	•	
	•	
	•	
	•	
	•	

PHOTOGRAPHIC EVIDENCE (if available):
OTHER:
The following penalties are to be applied:

Signature of Designer	
Signature of CHS Officer/Site Agent	
Signature: of CHS Agent	

Dora Nginza Hospital

ANNEXURE C

CONTRACTORS MONTHLY HEALTH AND SAFETY REPORT

(To be submitted by the end of the first week of each month and be available with each audit)

CONTRACT NUMBER:		PROJECT NAME:	CONTRACT DETAILS:
1	GENERAL ACTIVITIES FOR THE MONTH (detail each area of work)		
2	NUMBER OF WORKERS (permanent and local, contractors)		
3	TRAINING DONE (supplier, no of people, type)		
4	INCIDENTS / ACCIDENT (list number and details, attach reports)		
6	NON-CONFORMANCES (closed out or active)		
7	CONTRACTORS (list, approval status)		
8	AUDITS COMPLETED (internal and external)		
9	CRITICAL ISSUES		
10	GENERAL		

Health and Safety Officer: _____ **Signature:** _____

Date: _____

Construction Manager: _____ **Signature:** _____

Date: _____

3234 Dora Nginza Hospital

BASELINE RISK ASSESSMENT

BASELINE RISK ASSESSMENT

DORA NGINZA HOSPITAL - BLOCK G - LAUNDRY ADDITIONS AND ALTERATIONS

The base line risk assessment is to highlight hazards emanating from project risks identified.

Low	Med	High
1	4	12
2	6	18
3	8	27

Risk Rating multiplier: Low = 1; Medium = 2; High = 3

Note, this HIRA is a guide only and does not cover all risks. It must be read in conjunction with the Site Specific OHS Specification in the contract document. The contractor must supply a full risk assessment for all activities on site.

	Operation	Hazard	Design Risks identified as present	Likely consequences of an incident	Frequency of Exposure	Probability of harm	Risk rating and risk category	Describe the obvious control measures to be part of design	**Residual risk** Likely consequences of an accident	Frequency of Exposure	Probability of harm	Risk rating and risk category	Accountability
1	Weather-Related:	Extreme weather conditions (e.g., thunderstorms, extreme heat, cold, or precipitation).High winds.	Health risks, exposure-related illnesses, or accidents due to adverse weather. Falling from roof/scaffolding during high winds.	1	1	2	2	Monitor weather forecasts and take necessary precautions. Provide suitable clothing and gear for extreme conditions. Have designated shelter areas during storms.	1	1	2	2	Contractor, Construction Manager, CHSO
2	Chemical and Environmental:	Exposure to hazardous chemicals, pollutants, or contaminated soil.	Health risks, chemical exposure, or environmental contamination.	1	1	2	2	Identify and handle hazardous materials safely. Use appropriate personal protective equipment (PPE). Implement proper waste disposal procedures.	1	1	2	2	Contractor, Construction Manager, CHSO
3	Traffic and Site Access:	Traffic hazards when entering the Hospital premises. Disruptions to EMS routes as well as visitors and Hospital Staff.	Injury or accidents involving vehicles. Obstruction to Hospital entrance and routes.	2	2	3	12	Establish clear signage and traffic control measures. Use flaggers or barriers to direct traffic away from work areas. Follow established road safety procedures.	1	1	3	3	Contractor, Construction Manager, CHSO
4	Subsurface Utility Conflicts:	Encountering unexpected services.	Damage to existing services.	1	2	3	6	Coordinate with utility companies to identify and mark utilities. Train personnel to recognize utility markings and respond accordingly.	1	1	3	3	Contractor, Construction Manager, CHSO
5	Wildlife and Insects:	Exposure to wildlife or insect bites/stings in outdoor environments.	Allergic reactions, bites, or stings.	1	2	3	6	Provide insect repellent and protective clothing. - Educate Contractors about local wildlife and safe interactions. - Establish protocols for dealing with encounters (e.g., snakes or venomous insects).	1	1	3	3	Contractor, Construction Manager, CHSO
6	Material Handling and Lifting:	Manual handling of heavy equipment or drilling tools.	Musculoskeletal injuries due to improper lifting or handling techniques.	1	2	2	4	Provide training in proper lifting techniques. - Use mechanical aids for lifting when feasible. - Rotate tasks and schedule breaks to prevent overexertion.	1	1	2	2	Contractor, Construction Manager, CHSO

7	Personal Protective Equipment (PPE):	Inadequate or improper use of PPE.	Reduced protection from workplace hazards.	2	2	2	8	Provide appropriate PPE for specific tasks. - Conduct regular PPE inspections and ensure correct usage. - Enforce compliance with PPE requirements.	1	1	2	2	Contractor, Construction Manager, CHSO
8	Communication Hazards:	Lack of communication or unclear instructions during activities.	Misunderstandings leading to accidents or errors.	1	2	2	4	Establish clear communication channels and protocols. - Conduct safety briefings and ensure all team members understand instructions. - Encourage open communication and reporting of safety concerns.	1	1	2	2	Contractor, Construction Manager, CHSO
9	Inadequate Training:	Insufficient training in techniques, safety procedures, or equipment use.	Inefficient work processes, unsafe practices, or accidents.	1	2	2	4	Provide comprehensive training for all Contractors. - Ensure workers are competent to perform their assigned tasks. - Offer ongoing training and updates as needed.	1	1	2	2	Contractor, Construction Manager, CHSO
10	Client and Public Relations:	Managing interactions with clients, property owners, or the public.	Miscommunications, conflicts, or disputes.	1	2	2	4	Establish clear lines of communication with clients and stakeholders. - Address concerns and conflicts promptly and professionally. - Document agreements and communication with clients and stakeholders.	1	1	2	2	Contractor, Construction Manager, CHSO
11	Hazardous Biological Agent:	Potential exposure to infectious agents in a Hospital environment.	Transmission of infections to Contractors or Hospital occupants.	2	2	3	12	Adhere to Hospital infection control protocols. Wear appropriate PPE, including gloves and masks when entering Hospital facilities. Maintain strict hygiene practices, including handwashing and sanitization.	1	1	2	2	Contractor, Construction Manager, CHSO
12	Unknown Existing services:	Overhead or existing services.	Can lead to leaks, fires, explosions, or electric shocks.	1	1	3	3	Safe Work practices.	1	1	2	2	Contractor, Construction Manager, CHSO
13	Dust and Air Quality:	Dust and particulate matter generated by investigation and cleaning.	Air quality degradation and potential respiratory health issues for patients and staff.	1	1	2	2	Implement dust control measures, including water spraying and dust barriers. - Monitor air quality and use air filtration systems where necessary. - Schedule activities that generate dust during low-occupancy times.	1	1	1	1	Contractor, Construction Manager, CHSO
14	Patient safety including staff and Visitors:	Presence of patients, visitors, and staff in the Hospital.	Disturbance to Hospital operations, privacy concerns, or accidents involving Hospital occupants.	2	2	2	8	Clearly communicate the purpose and duration of construction activities to Hospital staff. Implement safety barriers or signage to direct people away from work areas. Minimize disruptions to Hospital operations as much as possible.	1	1	2	2	Contractor, Construction Manager, CHSO

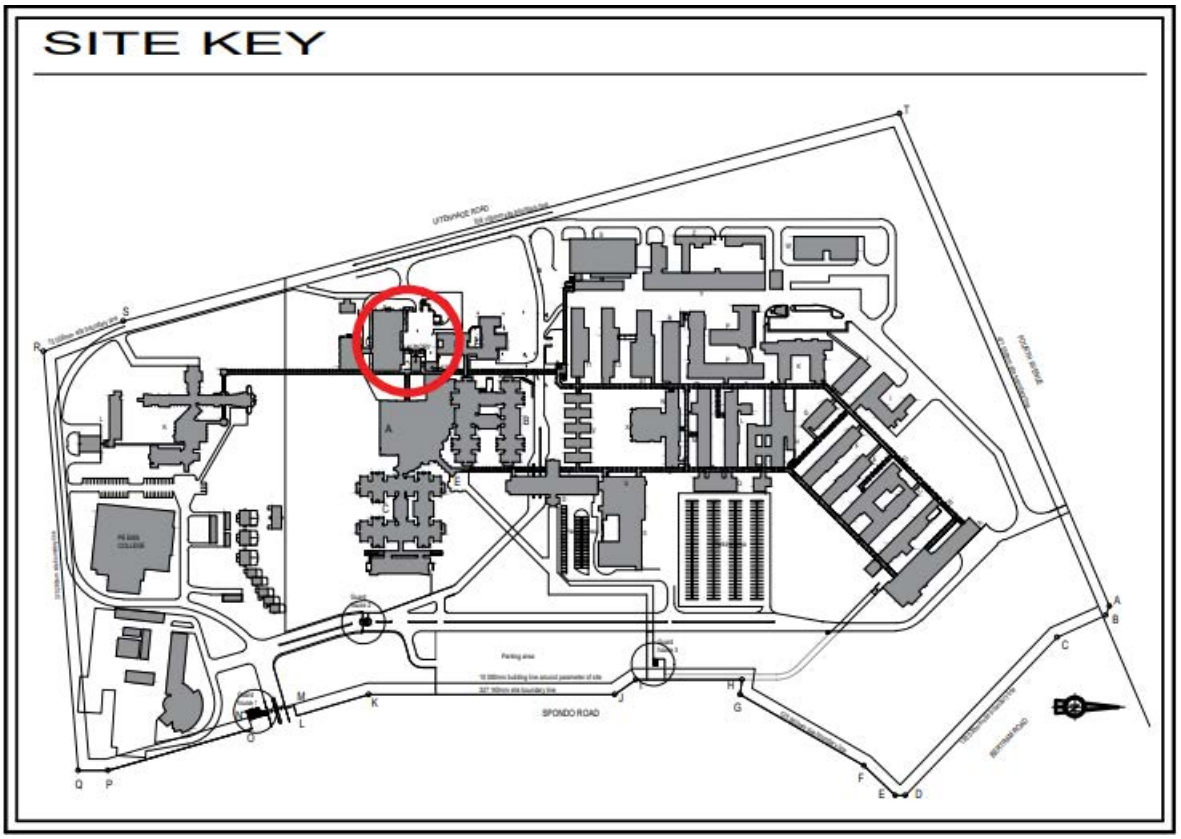
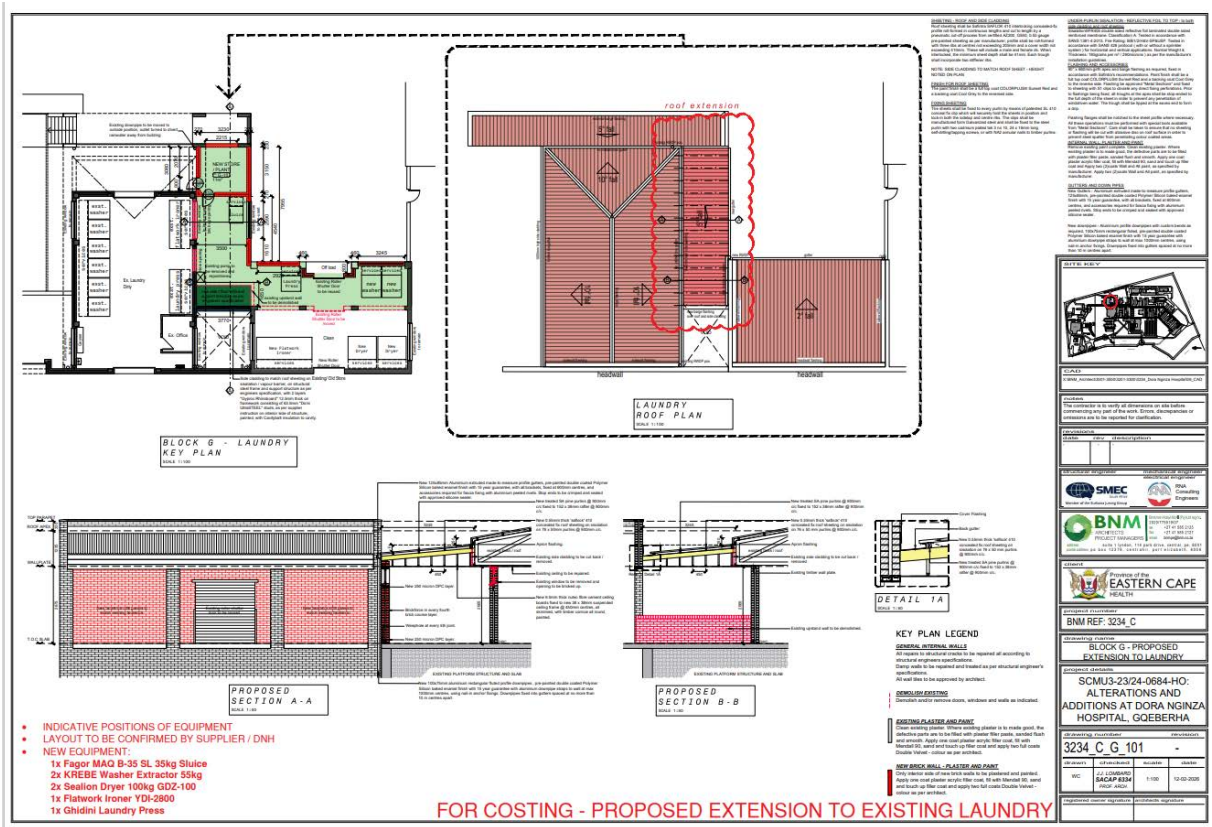
15	Emergency Response Coordination:	The potential for emergencies within the Hospital investigation and cleaning.	Delayed emergency response or confusion during an emergency situation.	2	2	3	12	Coordinate emergency response procedures with Hospital administration. Ensure Contractors are familiar with Hospital evacuation and emergency protocols. Maintain clear communication channels with Hospital security and emergency response teams.	1	1	3	3	Contractor, Construction Manager, CHSO
16	Patient Privacy and Confidentiality:	Investigation and Cleaning contractor having access to patient information or sensitive areas.	Breach of patient privacy or violation of healthcare regulations.	2	2	2	8	Limit access to patient areas to only essential personnel. Ensure all Contractors sign confidentiality agreements. Observe patient privacy rules and POPIA Act	1	1	2	2	Contractor, Construction Manager, CHSO
17	Noise and Disturbance:	Noise generated by cleaning and investigation activities affecting patient comfort and recovery.	Increased stress levels among patients and staff.	1	2	2	4	Schedule noisy activities during non-peak hours or low-occupancy times. Use noise-reducing equipment or barriers. Communicate with Hospital administration to minimize disruptions.	1	1	2	2	Contractor, Construction Manager, CHSO
18	Hospital-Specific Protocols:	Lack of familiarity with Hospital-specific safety protocols and procedures.	Failure to comply with Hospital rules, leading to incidents or accidents.	1	2	2	4	Collaborate closely with Hospital safety officers. Attend Hospital orientation and safety training as required. Adhere to all Hospital-specific safety guidelines and policies.	1	1	2	2	Contractor, Construction Manager, CHSO
19	Emergency Medical Services (EMS) Access:	Potential obstruction of EMS access routes due to construction activities.	Delayed medical response in case of emergencies.	1	2	2	4	Coordinate with Hospital administration to identify and maintain clear EMS access routes. Ensure all construction equipment and materials are stored in designated areas that do not block access routes.	1	1	2	2	Contractor, Construction Manager, CHSO
20	Communication with Hospital Staff:	Miscommunication or misunderstanding between Contractors and Hospital staff.	Errors, conflicts, or disruptions in Hospital operations.	1	2	2	4	Establish a clear point of contact within the Hospital for communication and issue resolution. Hold regular meetings with Hospital staff to review progress and address concerns.	1	1	2	2	Contractor, Construction Manager, CHSO
21	Working at Heights:	Scaffolding not properly erected.	Scaffold collapse.	2	3	3	27	To be done by competent persons. Method statements. To be done according to the Design drawings that includes load bearing and approved by competent person.	3	2	2	12	Contractor, Scaffold Erector, Scaffold inspector
		Scaffolding not properly erected.	Fall from height / Falling Object.	2	3	3	27	Competent erectors and inspectors. Method statements. To be done according to the Design drawings that includes load bearing and approved by competent person Contractor to price correctly for this section. Fall Protection plan and rescue plan to be done by a registered Fall Protection Planner.	3	2	2	12	Contractor, Scaffold Erector, Scaffold inspector
		Use of ladders.	Persons / objects falling.	2	3	3	18	Worker training Experienced staff by site staff and P A. Competent Inspection. Method statements. Ladder to be according to General Safety Regulations 13a.	2	2	2	8	Contractor, Scaffold Erector, Scaffold inspector
		Use of fall arrest equipment.	Persons / objects falling / injury / death.	2	3	3	18	Ensure workers are trained and competent. Anchorage point and secure anchor or lifeline (to be discussed and approved by the structural engineer prior to work commencing). Fall Protection and Rescue plan to be developed by Fall Protection Planner. Inspection of equipment. Method statements.	2	2	2	8	Contractor, Fall Protection Planner.

22	Use of electrical equipment:	Contact with electricity.	Electric shock.	3	2	3	12	Ensure all connections secure, no breaks in cable. Proper routing of cables on site. Certificate of Compliance for electrical supply.	3	2	1	6	Contractor, Construction Manager, CHSO, Electrical Supervisor
23	Barricading / Hoarding	Construction site - Barricading / Demarcating / Hoarding	Interaction with existing hospital activities / personal and general public /	3	3	3	27	Extra special care and planning and communication between the contractor and hospital staff where working in close vicinity to ICU and operating theatres. A solid hoarding structure to be above ceiling height to be considered. The contractor is to ensure to price correctly for barricading and hoarding to ensure sufficient barricading around each construction area.	3	2	2	12	Contractor, Construction Manager, CHSO
24	Demolishing	Breakdown structure	Break wall from top to bottom. Injury to all body parts can occur	3	3	3	27	Regular inspection and evaluation of the working area prior to work. Employees to be trained and regular tool box talks to be conducted.	3	2	2	12	Contractor, Construction Manager, CHSO, Demolition Supervisor
		Dust	Inhaling of dust causing sinus and other respiratory illnesses	3	2	3	18	Correct PPE, Daily checklists and Tool Box Talks must be done. Communication with the Hospital to ensure minimum dust exposure during working hours.	3	2	2	12	
		Working Area	Loose bricks laying around, Workers can fall over bricks - Injuries to all body part can occur	3	2	3	18	Ensure competent operators to position machine correctly to ensure maximum usage are any one lift / Method statements/ Risk Assessments/Safe Work Procedures Tool Box Talks	3	2	2	12	
25	Asbestos Management	Asbestos Containing Materials	Potential to pollute the environment and pose a health risk to human health	3	3	3	27	All pieces of broken asbestos fibre roof sheeting, porches and eaves ceiling panels and barge boards, safely stored for disposal at an accredited hazardous waste disposal site. Removal of all waste at regular intervals by an accredited Asbestos contractor. All work to be done in compliance with the Asbestos Abatement Regulations 2020.	2	2	2	8	Contractor, Construction Manager, CHSO / Accredited Asbestos Removal Company
								All Employees to wear the proper PPE when working with and in close proximity to areas containing Asbestos containing material.					Contractor, Construction Manager, CHSO
	Brick Work - Delivery by truck	Struck by truck	Injury to persons	3	3	3	27	Experienced experienced staff by site staff and P A. Competent Inspection.Vehicle fitted with acoustic warning devices, hooter and reverse warning	3	2	2	12	Contractor, Building Supervisor, CHSO
26	Brick Work - Moving bricks	Use of wheel barrow	Injury to person's ergonomic risks	2	2	3	12	Experienced staff by site staff. Competent Inspection. Use of proper equipment.Training of workers. Job rotation	2	2	1	4	Contractor, Building Supervisor, CHSO
		Use of Brick lift	Injury to persons	3	2	2	12	Experienced staff by site staff. Competent Inspection. Use of proper equipment.Training of workers in use of equipment	3	2	1	6	Contractor, Building Supervisor, CHSO
27	Plastering	Cement Mortar	Used across the project for a range of tasks,	3	3	2	18	Dust control, PPE (eye and respiratory) Use of distributor when stabilizing road. Rotation of workers	2	3	1	6	Contractor, Construction Manager, CHSO

		Working with ladders and low scaffolds	Falls, slips	3	2	2	12	Fall protection plan. Ladders to GSR13A, Training, proper supervision. Ladder inspection	3	1	2	6	Contractor, Construction Manager, Ladder Inspector, CHSO
28	Painting	Ingestion of Paint	Gastric irritation, nausea	2	2	2	8	Training; clean site, Tool box talks, proper supervision	1	2	2	4	Contractor, Painting Supervisor, CHSO
		Cleaning Brushes	Use of thinners, benzene, possible carcinogens; highly flammable	2	2	2	8	Supply SDS Use alternative brush cleaner Keep away from open flames, Use of Turpentine, Proper experienced staff Training	1	2	2	4	Contractor, Painting Supervisor, CHSO
29	Hazardous Chemical Substances	Improper use/storage of hazardous Chemicals	Fire, explosion poisoning of persons	3	2	3	18	Contractor, Construction Manager, CHSO HCS supervisor, SMME Contractor(if employed). Component person appointed to check stores. Proper storage. Provision of fire extinguishers. Emergency plan.	3	1	2	6	Supply appropriate materials safety data information
30	Ergonomics	Ergonomic risks	Bending - Injury to persons	2	2	2	8	Rotate Work, Proper supervision, competent trained workers	2	1	2	4	Contractor, Construction Manager, CHSO
31	Waste Management	Removal of Waste	Daily waste from contractor / professionals / specialists cross contaminated with hospital waste.	1	1	1	1	Normal waste from all the appointed contractor / professionals / specialists should have separate controlled waste areas to ensure no cross contamination with the existing hospital waste management systems. Contractor to have separate controlled waste areas to ensure no cross contamination with the existing hospital waste management systems	2	1	1	2	Contractor, Construction Manager, CHSO

C4.1 SITE INFORMATION

Bid Description:	**Dora Nginza Hospital - Upgrades and additions to the existing Laundry**
Tender No:	**SCMU3-25/26-0637-DNG**



ANNEXURE A – DRAWINGS