

PROVINCE OF KWAZULU-NATAL
DEPARTMENT OF HEALTH



THE TENDER
OPTION B: PROVISIONAL BILL OF
QUANTITIES USING A DESIGN AND BUILD
PROCUREMENT STRATEGY

NEC 4 Engineering and Construction Contract

RETURNABLE DOCUMENTS

ONE VOLUME APPROACH

SECTION 1 OF 2

**CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA
HOSPITAL**

Engineer/Principal Agent

Head of Health
KZN Department of Health Private Bag X 9051

Pietermaritzburg

3201

Tel Number: 033 - 940 2400

Fax Number: none

Employer:

Head of Health
KZN Department of Health Private Bag X 9051

Pietermaritzburg

3201

Tel Number: 033 - 940 2400

Fax Number: none

Tel Number: 033 - 940 2400

Tender Number: **ZNB 5110/2025-H**

CIDB Grading: 9GB

ECDP Number:

Project Code:

Document Date: As per the Advert

Contract Period:

Contracting Party: _____

CIDB Registration number: _____

Central Suppliers Database Registration Number: _____

THE TENDER

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IMPORTANT NOTICE TO TENDERERS

Any reference to words Tender or Tenderder herein and/or in any other documentation shall be construed to have the same meaning as the words Tender or Tenderer. These forms are for internal and external use for the KZN Department of Health, Provincial Administration of KwaZulu-Natal.

"Quality" shall mean totality of features and characteristics of a product or service that bears on the ability of the product or service to satisfy stated or implied needs.

No alternative Tenders will be accepted.

The Total (Including Value Added Tax) on the Final Summary of the Bill of Quantities must be carried to the "Offer" part only of the Form of Offer and Acceptance - T2.21

"Enterprise" shall mean the legal Tendering Entity or Tenderder who, on acceptance of the Offer, would become the contractor"

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All amendments issued for this tender must be downloaded from the website stated in the tender advertisement.

Tenderers are to ensure that all returnable documents as stated in T2.1, item 1 to 5, are submitted to avoid disqualification. Furthermore, tenderers are to ensure that all documents stated in T2.1, item 6, are submitted in order to be evaluated for functionality as per the requirements of T2.36.

THE TENDER

PART T1. - TENDER PROCEDURE

T1.1 - TENDER NOTICE AND INVITATION TO TENDER

T1.1 TENDER NOTICE AND INVITATION TO TENDER

THE KZN DEPARTMENT OF HEALTH INVITES TENDERS FOR THE PROVISION OF:

Project title:	CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL		
Tender No:	ZNB 5110/2025-H	Project Code:	
Advertisement date:	13/02/2026	Closing date:	23/03/2026
Closing time:	11:00AM	Validity period:	84 Days

It is estimated that tenderers must have a CIDB contractor grading designation of **9GB or higher**. No alternative Class of work, as referred to in Clause 25(3)(a)(i) of the CIDB Regulations, as amended, is anticipated for this project.

	It is estimated that Potentially Emerging enterprises should have a CIDB contractor grading of (N/A) and satisfy the criterion stated in the Tender Data. <i>(Only applicable if Client has an Official Mentorship programme in place to assist potentially emerging enterprises)</i> All Tenderers should have a CIDB Class of Construction Contractor Grading Designation as indicated above. No Tenderer with a PE status can be considered if "N/A" is indicated above because the Department does not have an Official Mentorship Programme in place to assist a Potentially Emerging Enterprise.
Only Tenderers who are responsive to the following responsiveness criteria are eligible to submit Tenders:	
<input checked="" type="checkbox"/>	Only those tenderers who are registered with the CIDB, or are capable of being so prior to the evaluation of submissions, in a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25(1B) or 25(7A) of the Construction Industry Development Regulations for a : 9GB or higher, class of construction work, are eligible to have their Tenders evaluated.
<input checked="" type="checkbox"/>	Joint ventures are eligible to submit tenders provided that: <ol style="list-style-type: none"> 1 every member of the joint venture is registered with the CIDB. 2 the lead partner has a contractor grading designation in the 9GB or higher, class of construction work; or not lower than one level below the required grading designation in the class of construction works under consideration and possesses the required recognition status 3 the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered for a: 9GB or a value determined in accordance with Regulation 25 (1B) or 25 (7A) of the Construction Industry Development Regulations.
<input checked="" type="checkbox"/>	Tender document must be properly received on or before the tender closing date and time specified on the invitation, fully completed. and signed in ink (All as per Standard Conditions of Tender).
<input checked="" type="checkbox"/>	Submission of Compulsory Returnable Schedules documents as per List of returnable documents.
<input checked="" type="checkbox"/>	Tax Compliance Status (TCS) PIN number and Tenderer's or entity tax reference number.
<input checked="" type="checkbox"/>	Contractor's Safety, Health and Environmental Declaration.
<input checked="" type="checkbox"/>	Complete priced Provisional Bill of Quantities to be submitted on the day of the Tender closing date.
<input checked="" type="checkbox"/>	Proof of good standing with the Compensation Commissioner - In terms of Section 84(1)(b) of the Compensation for Injuries and Disease Act, 1993, a Tenderer may not be awarded a contract if he/she is not registered and in good standing with the Compensation Commissioner.
<input type="checkbox"/>	Certified Proof of Paid Municipal Rates and Taxes (Attach)
<input type="checkbox"/>	Certified Proof of UIF Registration (Attach)
<input type="checkbox"/>	Financial Standing and other resources of Business Declaration
<input checked="" type="checkbox"/>	Compulsory Enterprise Questionnaire.
<input checked="" type="checkbox"/>	Tenderers must meet the mandatory criteria requirements first before they can be considered for price and preference.
<input checked="" type="checkbox"/>	Invitation to Tender - SBD 1

SBD1

**PART A
INVITATION TO BID**

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF DEPARTMENT/ PUBLIC ENTITY)					
BID NUMBER:	ZNB 5110/2025-H	CLOSING DATE:	23/03/2026	CLOSING TIME:	11:00AM
DESCRIPTION	CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
CENTRAL SUPPLY CHAIN MANAGEMENT DIRECTORATE (OLD BOYS SCHOOL BUILDING),					
310 JABU NDLOVU STREET,					
PIETERMARITZBURG					
3200					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:		
CONTACT PERSON	Demand Management		CONTACT PERSON	MRS L MATHENJWA	
TELEPHONE NUMBER	033 815 8361/8386/8357		TELEPHONE NUMBER	033 940 2576	
FACSIMILE NUMBER			FACSIMILE NUMBER	N/A	
E-MAIL ADDRESS	scm.demandmanagement@kznhealth.gov.za		E-MAIL ADDRESS	Lindelwa.madonsela@kznhealth.gov.za	
SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]	
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS					
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?			<input type="checkbox"/> YES <input type="checkbox"/> NO		
DOES THE ENTITY HAVE A BRANCH IN THE RSA?			<input type="checkbox"/> YES <input type="checkbox"/> NO		
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?			<input type="checkbox"/> YES <input type="checkbox"/> NO		
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?			<input type="checkbox"/> YES <input type="checkbox"/> NO		
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?			<input type="checkbox"/> YES <input type="checkbox"/> NO		
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.					

**PART B
TERMS AND CONDITIONS FOR BIDDING**

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

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

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

SIGNATURE OF BIDDER:

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

DATE:

SPECIAL INSTRUCTIONS AND NOTICES TO BIDDERS REGARDING THE COMPLETION OF BIDDING FORMS

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

1. Unless inconsistent with or expressly indicated otherwise by the context, the singular shall include the plural and vice versa and with words importing the masculine gender shall include the feminine and the neuter.
2. Under no circumstances whatsoever may the bid forms be retyped or redrafted. Photocopies of the original bid documentation may be used, but an original signature must appear on such photocopies.
3. The bidder is advised to check the number of pages and to satisfy himself that none are missing or duplicated.
4. Bids submitted must be complete in all respects.
5. Bids shall be lodged at the address indicated not later than the closing time specified for their receipt, and in accordance with the directives in the bid documents.
6. Each bid shall be addressed in accordance with the directives in the bid documents and shall be lodged in a separate sealed envelope, with the name and address of the bidder, the bid number and closing date indicated on the envelope. The envelope shall not contain documents relating to any bid other than that shown on the envelope. If this provision is not complied with, such bids may be rejected as being invalid.
7. All bids received in sealed envelopes with the relevant bid numbers on the envelopes are kept unopened in safe custody until the closing time of the bids. Where, however, a bid is received open, it shall be sealed. If it is received without a bid number on the envelope, it shall be opened, the bid number ascertained, the envelope sealed and the bid number written on the envelope.
8. A specific box is provided for the receipt of bids, and no bid found in any other box or elsewhere subsequent to the closing date and time of bid will be considered.
9. No bid sent through the post will be considered if it is received after the closing date and time stipulated in the bid documentation, and proof of posting will not be accepted as proof of delivery.
10. No bid submitted by telefax, telegraphic or other electronic means will be considered.
11. Bidding documents must not be included in packages containing samples. Such bids may be rejected as being invalid.
12. Any alteration made by the bidder must be initialled.
13. Use of correcting fluid is prohibited
14. Bids will be opened in public as soon as practicable after the closing time of bid.
15. Where practical, prices are made public at the time of opening bids.
16. If it is desired to make more than one offer against any individual item, such offers should be given on a photocopy of the page in question. Clear indication thereof must be stated on the schedules attached.
17. Bidder must initial each and every page of the bid document.

Notes:

- The successful Tenderer will be required to fill in and sign a written NEC 4 Engineering and Construction Contract
- Tenderers should ensure that Tenders are delivered timeously to the correct address. If the Tender is late, it will not be accepted for consideration.
- The requirements in respect of the application of either 80/20 and 90/10 preference points scoring system, will apply and the points reflected above for preferences will be adjusted accordingly on a pro-rata basis if required.
- The Tender box is generally open during official working hours.
- All Tenders must be submitted on the official forms – (Not to be re-typed)
- **THIS TENDER IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022, THIS TENDER IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022, THE NEC 3 ENGINEERING AND CONSTRUCTION CONTRACT APRIL 2013 AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT**
- Where a two-envelope system is required in terms of the tender data, place and seal the returnable documents listed in the tender data in an envelope marked —financial proposal and place the remaining returnable documents in an envelope marked —technical proposal. Each envelope shall state on the outside the employer's address and identification details stated in the tender data, as well as the tenderer's name and contact address.
- Where stated in the tender data that a two-envelope system is to be followed, open only the technical proposal of valid tenders in the presence of tenderers' agents who choose to attend at the time and place stated in the tender data and announce the name of each tenderer whose technical proposal is opened.

THE PHYSICAL ADDRESS FOR COLLECTION OF TENDER DOCUMENTS:

The document can be downloaded from Department of Health website at no cost. Tenders - KZN Department of Health or Home Page - eTenders Portal

COMPULSORY CLARIFICATION MEETING

A Compulsory Clarification Meeting with representatives of the Employer will take place as follows:

Ngwelezana Hospital, Thandisizwe Road, Empangeni next to Ngwelezana Police Station

On: **03 March 2026 (Tuesday) @ 10:30am**

QUERIES REGARDING THE TENDERING PROCEDURE OR TECHNICAL INFORMATION MAY BE DIRECTED TO:

DOH Cost Manager:	Mrs Lindelwa Mathenjwa	Telephone no:	033 940 2576
Cell no:	033 940 2576	Fax no:	N/A
E-mail:	Lindelwa.madonsela@kznhealth.gov.za		

DEPOSIT / RETURN OF TENDER DOCUMENTS: (Tender Documents)

Telegraphic, telephonic, telex, facsimile, electronic and / or late tenders will not be accepted.

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

All tenders must be submitted on the official forms – (not to be re-typed)

TENDER DOCUMENTS MAY BE:

DEPOSITED IN THE TENDER BOX AT:
KZN Department of Health Central Supply Chain 310 Jabu Ndlovu Street Pietermaritzburg 3200

T1.2 - TENDER DATA

T1.2 TENDER DATA

Project title:	CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL																												
Project Code:																													
Tender No:	ZNB 5110/2025-H	Closing date:	23/03/2026																										
Closing time:	11:00	Validity period:	84 Days																										
Clause number:																													
	<p>The conditions of Tender are the Standard Conditions of Tender as contained in Annex C of the CIDB Standard for Uniformity in Engineering and Construction Works Contracts as per Board Notice 423 of 2019 in Government Gazette 42622 of 8 August 2019 as amended from time to time. (see www.cidb.org.za) Refer to Conditions of Tender as bound into this document.</p> <p>The Standard Conditions of Tender make 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 Standard Conditions of Tender.</p> <p>Each item of data given below is cross-referenced to the clause marked "C" in the above-mentioned Standard Conditions of Tender.</p>																												
C.1.1	<p>The Employer is the Head: Health Department (Province of Kwazulu-Natal)</p> <p>For this contract, the single volume standard heading is adopted.</p> <p>This procurement document has been formatted and compiled under the headings for a single-volume approach as contained in table 5 of the CIDB's "Standard for Uniformity in Engineering and Construction Works Contracts."</p> <p>The list of Returnable Documents identifies which of the documents a Tenderer must complete when submitting a Tender. The Tenderer must submit his Tender by completing the Returnable Documents including the priced Final Summary of the Bills of Quantities, signing the "Offer" section in the "Form of Offer and Acceptance" and delivering the whole of the procurement document back to the Department bound up as it was when it was received.</p>																												
C.1.2	<p>The single-volume procurement document issued by the Employer comprises the following:</p> <p>TENDER</p> <p>Part T1: Tendering procedures</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">T1.1 -</td> <td>Tender Notice and Invitation to Tender</td> </tr> <tr> <td>T1.2 -</td> <td>Tender Data</td> </tr> <tr> <td>T1.3 -</td> <td>Annexure F - Standard Conditions of Tender</td> </tr> </table> <p>Part T2: Returnable documents</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">T2.1 -</td> <td>List of returnable documents</td> </tr> <tr> <td>T2.2 -</td> <td>Returnable schedules (See different forms listed in T2.1 - Returnable Schedule)</td> </tr> </table> <p>CONTRACT</p> <p>Part C1: Agreements and Contract Data</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">C1.1 -</td> <td>Form of Offer and Acceptance</td> </tr> <tr> <td>C1.2 -</td> <td>Contract Data</td> </tr> <tr> <td>C1.3 -</td> <td>Form of Guarantee</td> </tr> </table> <p>Part C2: Pricing data</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">C2.1 -</td> <td>Pricing Instructions</td> </tr> <tr> <td>C2.2 – C2.4 -</td> <td>Provisional Bills of Quantities</td> </tr> </table> <p>Part C3: Scope of works</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">C3.1 -</td> <td>Scope of Works</td> </tr> <tr> <td>C3.2 -</td> <td>Specification for HIV/AIDS awareness</td> </tr> <tr> <td>C3.3 -</td> <td>HIV/STI Compliance report</td> </tr> </table>			T1.1 -	Tender Notice and Invitation to Tender	T1.2 -	Tender Data	T1.3 -	Annexure F - Standard Conditions of Tender	T2.1 -	List of returnable documents	T2.2 -	Returnable schedules (See different forms listed in T2.1 - Returnable Schedule)	C1.1 -	Form of Offer and Acceptance	C1.2 -	Contract Data	C1.3 -	Form of Guarantee	C2.1 -	Pricing Instructions	C2.2 – C2.4 -	Provisional Bills of Quantities	C3.1 -	Scope of Works	C3.2 -	Specification for HIV/AIDS awareness	C3.3 -	HIV/STI Compliance report
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	Part C4: Site information
	C4.1 - Site Information
	Part 5: List of Drawings/Annexures
	C5.1 - List of Drawings
	ANNEXURES
	Standard Preambles for all Trades (Rev 3) - DOH 2009
	Structural Specifications
	Electrical Specifications
	Mechanical Specifications
	Occupational Health and Safety Specification (OHSE SPEC)
	Joint Venture Agreement
	Builders Lien Agreement
	Attendance Register - Infrastructure and Other projects
	EPWP Employment Contract
	EPWP Data Collection tool for Phase 3 system
	EPWP Monthly Payment Upload Form
	EPWP Training Capture Form
	EPWP Proof of Payment by Contractor Form
	EPWP Acknowledgement of Receipt of Payment
	EPWP Business Plan
	EPWP Project File Checklist
	EPWP Bill of Quantities
	Geotechnical Investigation Report
	Land Survey Report
	Services' Survey Report
	Abridged Concept Report (with disciplines' reports)
	CV Template
	Reference Form Template
C.1.6	PP2-Competitive Selection Procedure Design and Build
	PP2B-Open Procedure
	Tenderers must meet the mandatory criteria requirements first before they can be considered for price and preference.
C.2.1	For eligibility refer to T1.1 Tender Notice and Invitation to Tender.
	A contract will only be entered into with a Tenderer who has in his employ management and supervisory staff satisfying the requirements of the scope of work for the design and build project, who also possess the necessary competencies for supervisory and management of all staff during the valid contract period.

C.2.13.2	Tenderers are to ensure that their company details appear on the entire relevant Tender documentation and must be legible.
C.2.13.3	Part of each tender offer communicated on paper shall be submitted as an original, plus ONE copy of the Tender document including supporting documents and priced Provisional Bill of Quantities where applicable, scanned onto a readable compact disk (CD) in pdf format, at the Tenderers own cost. The CD must be clearly marked with the Tender information and company details.
C.2.13.4	The second sentence shall read as follows "The Employer will hold all authorised signatories jointly and severally liable on behalf of the Tenderer". Tenderers proposing to contract as a Joint Venture shall submit a valid Joint Venture Agreement before the Joint Venture's offer could be accepted. Individuals, Partnerships and Companies proposing to contract as a party to a Joint Venture shall be jointly and severally liable on behalf of the Joint Venture.
C.2.13.5	The Employer's address for delivery of tender offers and identification details are to be shown on each tender offer. packages are as per T1.1 Tender Notice and Invitation to Tender.
	An Open Procedure will be followed
C.2.15	The closing time for submission of tender offers is as per T1.1 Tender Notice and Invitation to Tender.
C.2.16	The tender offer validity period is as per T1.1 Tender Notice and Invitation to Tender.
C.2.17	Sub-clause C2.17 does not preclude the negotiation of the final terms of the contract with the preferred Tenderer, following a competitive selection process, should the Employer elect to do so and provided that the competitive position of the preferred Tenderer is not affected.
	The Tenderer is to submit the Priced Bills of Quantities with the Returnables at the closing of the Tender.
	The tenderer must submit to the Employer, names of all management and supervisory staff that will be employed to supervise the labor-intensive portion of the works together with satisfactory evidence that
C.2.19	Access shall be provided for inspections, tests and analysis as may be required by the Employer.
C.2.22	Tenderers do not have to return all retained tender documents within 28 days after expiry of the Tender validity period.
	Tenderers are to refer to List of Returnable Schedules and Scope of Works to establish what is required to be submitted with this Tender.
C.3.4	The location for opening of the Tender offers, immediately after the closing time thereof shall be at: KZN Department of Health Central Supply Chain, 310 Jabu Ndlovu Street, Pietermaritzburg, 3200
C.3.8	The employer must determine, on opening and before detailed valuation, whether each Tender offer properly received: a) complies with the requirements of the Conditions of Tender. 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 specifications of the Tender documents without material deviation or qualification. A material deviation or qualification is one which, in the Employer's opinion, would: a) detrimentally affect the scope, quality, or performance of the Works, services or supply identified in the Scope of Work or b) significantly change the Employers or the Tenderers risks and responsibilities under the contract, or c) affect the competitive position of other Tenderers presenting responsive tenders, if it were to be rectified. Reject a non-responsive tender offer, and not allow it to be subsequently made responsive by correction or withdrawal of the non-conforming deviation or reservation.
C.3.13	Tender offers will only be accepted if: (a) Tenderers must be registered on Government's Central Supplier Database (CSD) and include their master registration number (MAAA number) on the cover page of the tender document in order to enable the institution to verify the tenderers tax status on the CSD (b) the Tenderer is registered with the Construction Industry Development Board in an appropriate contractor grading designation is required for this tender and the Tenderer has submitted a CIDB certificate of registration which clearly indicates the status "Active" (c) the Tenderer is not in arrears for more than 3 months with municipal rates and taxes and municipal services charges. (d) 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 to the contract in the best interests of the employer or potentially compromise the Tender process. (e) the Tenderer or any of its directors is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act, 2004 (Act No. 12 of 2004) as a person prohibited from doing business with the public sector; and

	<p>(f) the Tenderer has not:</p> <ul style="list-style-type: none"> 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. <p>(g) the Tenderer is registered with:</p> <ul style="list-style-type: none"> i) the Unemployment Insurance Fund (UIF); and ii) the Workmen's Compensation Fund <p>(h) the Tenderer submitted Authority to Sign the tender.</p> <p>(i) the Tenderer submitted Equipment Schedules, if applicable.</p> <p>(j) the Tenderer signed the Form of Offer that is part of the Form of Offer and Acceptance.</p> <p>(k) the Tenderer submitted Preference Certificate, if applicable.</p> <p>(l) the Tenderer submit Complete priced Provisional Bill of Quantities at tender closing.</p> <p>(m) the Tenderer submitted Declaration of Interest.</p> <p>(n) the Tenderer submitted Site Inspection Certificate from the Compulsory Briefing Meeting</p> <p>(o) All information required to assess "Mandatory Technical Criteria" as per Tender Data scheduled requirements</p> <p>Providing the form of offer and acceptance does not contain any qualifying statements, it will constitute the formation of a contract between the employer and the successful Tenderer as described in the form of offer and acceptance.</p>
C.3.15	Tenderers are informed that any formal dispute shall be resolved by being referred to Arbitration and Adjudication only.
C.3.17	Provide to the successful Tenderer one copy of the signed contract document and one copy of an unpriced bills of quantities

T1.3 - ANNEXURE C - STANDARD CONDITIONS OF TENDER

T1.3 - Annexure C - Standard Conditions of Tender

Note: Where this document refers to tenderer or tender it shall be read as Tenderer or Tender.

C.1 General

C.1.1 Actions

C.1.1.1 The employer and each tenderer submitting a tender offer shall comply with these conditions of tender. In their dealings with each other, they shall discharge their duties and obligations as set out in F.2 and F.3, timeously with integrity, and behave equitably, honestly and transparently and comply with all legal obligations and not in anticompetitive practices.

C.1.1.2 The employer and the tenderer and all their agents and employees involved in the tender process shall avoid conflicts of interest and where a conflict of interest is perceived or known, declare any such conflict of interest, indicating the nature of such conflict. Tenderers shall declare any potential conflict of interest in their tender submissions. Employees, agents and advisors of the employer shall declare any conflict of interest to whoever is responsible for overseeing the procurement process or as soon as they become aware of such conflict and abstain from any decisions where such conflict exists or recuse themselves from the procurement process, as appropriate.

- Note:
- 1) A conflict of interest may arise due to a conflict of roles which might provide an incentive for improper acts in some circumstances. A conflict of interest can create an appearance of impropriety that can undermine confidence in the ability of that person to act properly in his or her position even if no improper acts result.
 - 2) Conflicts of interest in respect of those engaged in the procurement process include direct, indirect or family interests in the tender or outcome of the procurement process and any personal bias, inclination, obligation, allegiance or loyalty which would in any way affect any decisions taken.

C.1.1.3 The employer shall not seek and the tenderer shall not submit a tender without having a firm intention and the capacity to proceed with the contract.

C.1.2 Tender Documents

The documents issued by the employer for the purpose of a tender offer are listed in the **tender data**.

C.1.3 Interpretation

C.1.3.1 The **tender data** and additional requirements contained in the tender schedules that are included in the returnable documents are deemed to be part of these conditions of tender.

C.1.3.2 These conditions of tender, the **tender data** and tender schedules which are required for tender evaluation purposes, shall form part of any contract arising from the invitation to tender.

C.1.3.3 For the purposes of these conditions of tender, the following definitions apply:

- a) **conflict of interest** means any situation in which:
 - i) someone in a position of trust has competing professional or personal interests which make it difficult to fulfil his or her duties impartially;
 - ii) an individual or tenderer is in a position to exploit a professional or official capacity in some way for their personal or corporate benefit; or
 - iii) incompatibility or contradictory interests exist between an employee and the tenderer who employs that employee.
- b) **comparative offer** means the price after the factors of a non-firm price and all unconditional discounts it can be utilized to have been taken into consideration;
- c) **corrupt practice** means the offering, giving, receiving or soliciting of anything of value to influence the action of the employer or his staff or agents in the tender process;
- d) **fraudulent practice** means the misrepresentation of the facts in order to influence the tender process or the award of a contract arising from a tender offer to the detriment of the employer, including collusive practices intended to establish prices at artificial levels.

C.1.4 Communication and employer's agent

Each communication between the employer and a tenderer shall be to or from the employer's agent only, and in a form that can be read, copied and recorded. Communication shall be in the English language. The employer shall not take any responsibility for non-receipt of communications from or by a tenderer. The

C.1.5 Cancellation and Re-Invitation of Tenders

C.1.5.1 An employer may, prior to the award of the tender, cancel a tender if-

- a) due to changed circumstances, there is no longer a need for the engineering and construction works specified in the invitation;
- b) funds are no longer available to cover the total envisaged expenditure; or
- c) no acceptable tenders are received.
- d) there is a material irregularity in the tender process.

C.1.5.2 The decision to cancel a tender invitation must be published in the same manner in which the original tender invitation was advertised.

C.1.5.3 An Employer may only with the prior approval of the relevant treasury cancel a tender invitation for the second time.

C.1.6 Procurement procedures

C.1.6.1 General

Unless otherwise stated in the **tender data**, a contract will, subject to F.3.13, be concluded with the tenderer who in terms of F.3.11 is the highest ranked or the tenderer scoring the highest number of tender evaluation points, as relevant, based on the tender submissions that are received at the closing time for tenders.

C.1.6.2 Competitive negotiation procedure

C.1.6.2.1

Where the **tender data** requires that the competitive negotiation procedure is to be followed, tenderers shall submit tender offers in response to the proposed contract in the first round of submissions. Notwithstanding the requirements of F.3.4, the employer shall announce only the names of the tenderers who make a submission. The requirements of F.3.8 relating to the material deviations or qualifications which affect the competitive position of tenderers shall not apply.

C.1.6.2.2

All responsive tenderers, or at least a minimum of not less than three responsive tenderers that are highest ranked in terms of the evaluation criteria stated in the **tender data**, shall be invited to enter into competitive negotiations based on the principle of equal treatment, keeping confidential the proposed solutions and associated information. Notwithstanding the provisions of C.2.17, the employer may request that tenders be clarified, specified and fine-tuned in order to improve a tenderer's competitive position provided that such clarification, specification, fine-tuning or additional information does not alter any fundamental aspects of the offers or impose substantial new requirements which restrict or distort competition or have a discriminatory effect.

C.1.6.2.3

At the conclusion of each round of negotiations, tenderers shall be invited by the employer to revise their tender offer based on the same evaluation criteria, with or without adjusted weightings. Tenderers shall be advised when they are to submit their best and final offer.

C.1.6.2.4

The contract shall be awarded in accordance with the provisions of C.3.11 and C.3.13 after tenderers have been requested to submit their best and final offer.

C.1.6.3 Proposal procedure using the two stage-system

C.1.6.3.1

Option 1

Tenderers shall in the first stage submit technical proposals and, if required, cost parameters around which a contract may be negotiated. The employer shall evaluate each responsive submission in terms of the method of evaluation stated in the **tender data**, and in the second stage negotiate a contract with the tenderer scoring the highest number of evaluation points and award the contract in terms of these conditions of tender.

F.1.6.3.2

Option 2

C.1.6.3.2.1 Tenderers shall submit in the first stage only technical proposals. The employer shall invite all responsive tenders to submit tender offers in the second stage, following the issuing of procurement documents.

C.1.6.3.2.2 The employer shall evaluate tenders received during the second stage in terms of the method of evaluation stated in the **tender data**, and award the contract in terms of these conditions of tender.

C.2 Tenderer's obligations

C.2.1 Eligibility

- C.2.1.1** Submit a tender offer only if the tenderer satisfies the criteria stated in the **tender data** and the tenderer, or any of his principals, is not under any restriction to do business with employer.
- C.2.1.2** Notify the employer of any proposed material change in the capabilities or formation of the tendering entity (or both) or any other criteria which formed part of the qualifying requirements used by the employer as the basis in a prior process to invite the tenderer to submit a tender offer and obtain the employer's written approval to do so prior to the closing time for tenders.

C.2.2 Cost of tendering

- C.2.2.1** Accept that, unless otherwise stated in the **tender data**, the employer will not compensate the tenderer for any costs incurred in the preparation and submission of a tender offer, including the costs of any testing necessary to demonstrate that aspects of the offer complies with requirements.
- C.2.2.2** The cost of the tender documents charged by the employer shall be limited to the actual cost incurred by the employer for printing the documents. Employers must attempt to make available the tender documents on its website so as not to incur any costs pertaining to the printing of the tender documents.

C.2.3 Check documents

Check the tender documents on receipt for completeness and notify the employer of any discrepancy or omission.

C.2.4 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.

C.2.5 Reference documents

Obtain, as necessary for submitting a tender offer, copies of the latest versions of standards, specifications, conditions of contract and other publications, which are not attached but which are incorporated into the tender documents by reference.

C.2.6 Acknowledge addenda

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.

C.2.7 Clarification meeting

Attend, where required, a clarification meeting at which tenderers may familiarize themselves with aspects of the proposed work, services or supply and raise questions. Details of the meeting(s) are stated in the **tender data**.

C.2.8 Seek clarification

Request clarification of the tender documents, if necessary, by notifying the employer at least five (5) working days before the closing time stated in the **tender data**.

C.2.9 Insurance

Be aware that the extent of insurance to be provided by the employer (if any) might not be for the full cover required in terms of the conditions of contract identified in the **contract data**. The tenderer is advised to seek qualified advice regarding insurance.

C.2.10 Pricing the tender offer

- C.2.10.1** Include in the rates, prices, and the tendered total of the prices (if any) all duties, taxes (except Value Added Tax (VAT)), and other levies payable by the successful tenderer, such duties, taxes and levies being those applicable 14 days before the closing time stated in the **tender data**.
- C.2.10.2** Show VAT payable by the employer separately as an addition to the tendered total of the prices.
- C.2.10.3** 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**.
- C.2.10.4** State the rates and prices in Rand unless instructed otherwise in the **tender data**. The conditions of contract identified in the contract data may provide for part payment in other currencies.

C.2.11 Alterations to documents

Do not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer, or necessary to correct errors made by the tenderer. All signatories to the tender offer shall initial all such alterations.

C.2.12 Alternative tender offers

C.2.12.1 Unless otherwise stated in the **tender data**, submit alternative tender offers only if a main tender offer, strictly in accordance with all the requirements of the tender documents, is also submitted as well as a schedule that compares the requirements of the tender documents with the alternative requirements that are proposed.

C.2.12.2 Accept that an alternative tender offer must be based only on the criteria stated in the **tender data** or criteria otherwise acceptable to the employer.

C.2.12.3 An alternative tender offer must only be considered if the main tender offer is the winning tender.

C.2.13 Submitting a tender offer

C.2.13.1 Submit one tender offer only, either as single tendering entity or as a member in a joint venture to provide the whole of the works, services or supply identified in the **contract data** and described in the **scope of works**, unless stated otherwise in the **tender data**.

C.2.13.2 Return all returnable documents to the employer after completing them in their entirety, either electronically (if they were issued in electronic format) or by writing legibly in non-erasable ink.

C.2.13.3 Submit the parts of the tender offer communicated on paper as an original plus the number of copies stated in the **tender data**, with an English translation of any documentation in a language other than English, and the parts communicated electronically in the same format as they were issued by the employer.

C.2.13.4 Sign the original and all copies of the tender offer where required in terms of the **tender data**. The employer will hold all authorized signatories liable on behalf of the tenderer. Signatories for tenderers proposing to contract as joint ventures shall state which of the signatories is the lead partner whom the employer shall hold liable for the purpose of the tender offer.

C.2.13.5 Seal the original and each copy of the tender offer as separate packages marking the packages as "ORIGINAL" and "COPY". Each package shall state on the outside the employer's address and identification details stated in the **tender data**, as well as the tenderer's name and contact address.

C.2.13.6 Where a two-envelope system is required in terms of the **tender data**, place and seal the returnable documents listed in the tender data in an envelope marked "financial proposal" and place the remaining returnable documents in an envelope marked "technical proposal". Each envelope shall state on the outside the employer's address and identification details stated in the **tender data**, as well as the tenderer's name and contact address.

C.2.13.7 Seal the original tender offer and copy packages together in an outer package that states on the outside only the employer's address and identification details as stated in the **tender data**.

C.2.13.8 Accept that the employer will 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.

C.2.13.9 Accept that tender offers submitted by facsimile or e-mail will be rejected by the employer, unless stated otherwise in the **tender data**.

C.2.14 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 non-responsive.

C.2.15 Closing time

C.2.15.1 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. Accept that proof of posting shall not be accepted as proof of delivery.

C.2.15.2 Accept that, if the employer extends the closing time stated in the **tender data** for any reason, the requirements of these conditions of tender apply equally to the extended deadline.

C.2.16 Tender offer validity

C.2.16.1 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**.

C.2.16.2 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.

C.2.16.3 Accept that a tender submission that has been submitted to the employer may only be withdrawn or substituted by giving the employer's agent written notice before the closing time for tenders that a tender is to be withdrawn or substituted. If the validity period lapses before the employer evaluating the tender offer(s), the contractor reserves the right to review the price based on Consumer Price Index (CPI)

C.2.16.4 Where a tender submission is to be substituted, a tenderer must submit a substitute tender in accordance with the requirements of C.2.13 with the packages clearly marked as "SUBSTITUTE".

C.2.17 Clarification of tender offer after submission

Provide clarification of a tender offer in response to a request to do so from the employer during the evaluation of tender offers. This may include providing a breakdown of rates or prices and correction of arithmetical errors by the adjustment of certain rates or item prices (or both). No change in the competitive position of tenderers or substance of the tender offer is sought, offered, or permitted.

Note: Sub-clause C.2.17 does not preclude the negotiation of the final terms of the contract with a preferred tenderer following a competitive selection process, should the Employer elect to do so.

C.2.18 Provide other material

C.2.18.1 Provide, on request by the employer, any other material that has a bearing on the tender offer, the tenderer's commercial position (including notarized joint venture agreements), preferencing arrangements, or samples of materials, considered necessary by the employer for the purpose of a full and fair risk assessment. Should the tenderer not provide the material, or a satisfactory reason as to why it cannot be provided, by the time for submission stated in the employer's request, the employer may regard the tender offer as non-responsive.

C.2.18.2 Dispose of samples of materials provided for evaluation by the employer, where required.

C.2.19 Inspections, tests and analysis

Provide access during working hours to premises for inspections, tests and analysis as provided for in the **tender data**.

C.2.20 Submit securities, bonds and policies

If requested, submit for the employer's acceptance before formation of the contract, all securities, bonds, guarantees, policies and certificates of insurance required in terms of the conditions of contract identified in the **contract data**.

C.2.21 Check final draft

Check the final draft of the contract provided by the employer within the time available for the employer to issue the contract.

C.2.22 Return of other tender documents

If so instructed by the employer, return all retained tender documents within 28 days after the expiry of the validity period stated in the **tender data**.

C.2.23 Certificates

Include in the tender submission or provide the employer with any certificates as stated in the **tender data**.

C.3 The employer's undertakings

C.3.1 Respond to request from the tenderer

C.3.1.1 Unless otherwise stated in the **tender data**, respond to a request for clarification received up to five (5) working days before the tender closing time stated in the **tender data** and notify all tenderers who collected tender documents.

C.3.1.2 Consider any request to make a material change in the capabilities or formation of the tendering entity (or both) or any other criteria which formed part of the qualifying requirements used to prequalify a tenderer to submit a tender offer in terms of a previous procurement process and deny any such request if as a consequence:

- a) an individual firm, or a joint venture as a whole, or any individual member of the joint venture fails to meet any of the collective or individual qualifying requirements;
- b) the new partners to a joint venture were not prequalified in the first instance, either as individual firms or as another joint venture; or
- c) in the opinion of the Employer, acceptance of the material change would compromise the outcome of the prequalification process.

C.3.2 Issue Addenda

If necessary, issue addenda that may amend or amplify the tender documents to each tenderer during the period from the date that tender documents are available until three (3) days before the tender closing time stated in the **tender data**. If, as a result a tenderer applies for an extension to the closing time stated in the **tender data**, the Employer may grant such extension and, shall then notify all tenderers who collected tender documents.

C.3.3 Return late tender offers

Return tender offers received after the closing time stated in the **tender data**, unopened, (unless it is necessary to open a tender submission to obtain a forwarding address), to the tenderer concerned.

C.3.4 Opening of tender submissions

C.3.4.1 Unless the two-envelope system is to be followed, open valid tender submissions in the presence of tenderers' agents who choose to attend at the time and place stated in the **tender data**. Tender submissions for which acceptable reasons for withdrawal have been submitted will not be opened.

C.3.4.2 Announce at the meeting held immediately after the opening of tender submissions, at a venue indicated in the **tender data**, the name of each tenderer whose tender offer is opened and, where applicable, the total of his prices, number of points claimed for its BBBEE status level and time for completion for the main tender offer only.

C.3.4.3 Make available the record outlined in C.3.4.2 to all interested persons upon request

C.3.5 Two-envelope system

C.3.5.1 Where stated in the tender data that a two-envelope system is to be followed, open only the technical proposal of valid tenders in the presence of tenderers' agents who choose to attend at the time and place stated in the **tender data** and announce the name of each tenderer whose technical proposal is opened.

C.3.5.2 Evaluate the functionality of the technical proposals offered by tenderers, then advise tenderers who remain in contention for the award of the contract of the time and place when the financial proposals will be opened. Open only the financial proposals of tenderers, who score in the functionality evaluation more than the minimum number of points for functionality stated in the **tender data**, and announce the score obtained for the technical proposals and the total price and any points claimed on BBBEE status level. Return unopened financial proposals to tenderers whose technical proposals failed to achieve the minimum number of points for functionality.

C.3.6 Non-disclosure

Not disclose to tenderers, or to any other 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.

C.3.7 Grounds for rejection and disqualification

Determine whether there has been any effort by a tenderer to influence the processing of tender offers and instantly disqualify a tenderer (and his tender offer) if it is established that he engaged in corrupt or fraudulent practices.

C.3.8 Test for responsiveness

C.3.8.1 Determine, after opening and before detailed evaluation, whether each tender offer properly received:

- a) complies with the requirements of these Conditions of Tender,
- b) has been properly and fully completed and signed, and
- c) is responsive to the other requirements of the tender documents.

C.3.8.2 A responsive tender is one that conforms to all the terms, conditions, and specifications of the tender documents without material deviation or qualification. A material deviation or qualification is one which, in the Employer's opinion, would:

- a) detrimentally affect the scope, quality, or performance of the works, services or supply identified in the Scope of Work,
- b) significantly change the Employer's or the tenderer's risks and responsibilities under the contract, or
- c) affect the competitive position of other tenderers presenting responsive tenders, if it were to be rectified.

Reject a non-responsive tender offer, and not allow it to be subsequently made responsive by correction or withdrawal of the non-conforming deviation or reservation.

C.3.9 Arithmetical errors, omissions and discrepancies

C.3.9.1 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.

C.3.9.2 Check the highest ranked tender or tenderer with the highest number of tender evaluation points after the evaluation of tender offers in accordance with F.3.11 for:

- a) the gross misplacement of the decimal point in any unit rate;
- b) omissions made in completing the pricing schedule or bills of quantities; or
- c) arithmetic errors in:
 - i) line items totals resulting from the product of a unit rate and a quantity in bills of quantities or schedules of prices; or
 - ii) the summation of the prices.

- C.3.9.3** Notify the tenderer of all errors or omissions that are identified in the tender offer and either confirm the tender offer as tendered or accept the corrected total of prices
- C.3.9.4** Where the tenderer elects to confirm the tender offer as tendered, correct the errors as follows:
- a) If bills of quantities or pricing schedules apply and there is an error in the line item total resulting from the product of the unit rate and the quantity, the line item total shall govern and the rate shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line item total as quoted shall govern, and the unit rate shall be corrected.
 - b) Where there is an error in the total of the prices either as a result of other corrections required by this checking process or in the tenderer's addition of prices, the total of the prices shall govern and the tenderer will be asked to revise selected item prices (and their rates if bills of quantities apply) to achieve the tendered total of the prices.

C.3.10 Clarification of a tender offer

Obtain clarification from a tenderer on any matter that could give rise to ambiguity in a contract arising from the tender offer.

C.3.11 Evaluation of tender offers

The Standard Conditions of Tender standardize the procurement processes, methods and procedures from the time that tenders are invited to the time that a contract is awarded. They are generic in nature and are made project specific through choices that are made in developing the Tender Data associated with a specific project.

Conditions of tender are by definition the document that establishes a tenderer's obligations in submitting a tender and the employer's undertakings in soliciting and evaluating tender offers. Such conditions establish the rules from the time a tender is advertised to the time that a contract is awarded and require employers to conduct the process of offer and acceptance in terms of a set of standard procedures

The CIDB Standard Conditions of Tender are based on a procurement system that satisfies the following system requirements:	
Requirement	Qualitative interpretation of goal
Fair	The process of offer and acceptance is conducted impartially without bias, providing simultaneous and timely access to participating parties to the same information.
Equitable	Terms and conditions for performing the work do not unfairly prejudice the interests of the parties.
Transparent	The only grounds for not awarding a contract to a tenderer who satisfies all requirements are restrictions from doing business with the employer, lack of capability or capacity, legal impediments and conflicts of interest.
Competitive	The system provides for appropriate levels of competition to ensure cost effective and best value outcomes.
Cost effective	The processes, procedures and methods are standardized with sufficient flexibility to attain the best value outcomes in respect of quality, timing and price, and least resources to effectively manage and control procurement processes.

The activities associated with evaluating tender offers are as follows:

- a) Open and record tender offers received
- b) Determine whether or not tender offers are complete.
- c) Determine whether or not tender offers are responsive.
- d) Evaluate tender offers.
- e) Determine if there are any grounds for disqualification.
- f) Determine acceptability of preferred tenderer
- g) Prepare a tender evaluation report.
- h) Confirm the recommendation contained in the tender evaluation report

C.3.11.1 General

The employer must appoint an evaluation panel of not less than three persons conversant with the proposed scope of works to evaluate each responsive tender offer using the tender evaluation methods and associated evaluation criteria and weightings that are specified in the tender data.

C.3.12 Insurance provided by the employer

If requested by the proposed successful tenderer, submit for the tenderer's information the policies and / or certificates of insurance which the conditions of contract identified in the **contract data**, require the employer to provide.

C.3.13 Acceptance of tender offer

Accept if tenderer

- a) Is not under restrictions, or has principals who are under restrictions, preventing participating in the employer's procurement,
- b) can, as necessary and in relation to the proposed contract, demonstrate that he or she possesses the professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical facilities, managerial capability, reliability, experience and reputation, expertise and the personnel, to perform the contract,
- c) has the legal capacity to enter into the contract,
- d) is not; insolvent, in receivership, under Business Rescue as provided for in chapter 6 of the Companies Act No. 2008, bankrupt or being wound up, has his/her affairs administered by a court or a judicial officer, has suspended his/her business activities or is subject to legal proceedings in respect of any of the foregoing;
- e) complies with the legal requirements, if any, stated in the **tender data**, and
- f) is able, in the opinion of the employer, to perform the contract free of conflicts of interest.

C.3.14 Prepare contract documents

C.3.14.1 If necessary, revise documents that shall form part of the contract and that were issued by the employer as part of the tender documents to take account of:

- a) addenda issued during the tender period,
- b) inclusion of some of the returnable documents, and
- c) other revisions agreed between the employer and the successful tenderer.

C.3.14.2 Complete the schedule of deviations attached to the form of offer and acceptance, if any.

C.3.15 Complete Adjudicator's Contract

Unless alternative arrangements have been agreed or otherwise provided for in the contract, arrange for both parties to complete formalities for appointing the selected adjudicator at the same time as the main contract is signed.

C.3.16 Registration of the Award

An Employer must, within twenty-one (21) working days from the date on which a contractor's offer to perform a construction works contract is accepted in writing by the employer, register and publish the award on the CIDB Register of Projects.

C.3.17 Provide copies of the contracts

Provide to the successful tenderer the number of copies stated in the tender data of the signed copy of the contract as soon as possible after completion and signing of the form of offer and acceptance.

C.3.18 Provide written reasons for actions taken

Provide upon request written reasons to tenderers for any action that is taken in applying these conditions of tender but withhold information which is not in the public interest to be divulged, which is considered to prejudice the legitimate commercial interests of tenderers or might prejudice fair competition between tenderers.

PART T2 - RETURNABLE DOCUMENTS

T2.1 LIST OF RETURNABLE DOCUMENTS

Project title:	CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL		
Project Manager:	Mrs Vuyolwethu Khanyile	Tender No:	ZNB 5110/2025-H

STAGE 1 VERIFICATION: MINIMUM MANDATORY / COMPULSORY REQUIREMENTS FOR TENDER EVALUATION PURPOSES
(Tenderer to Insert a tick (✓) in the "Returnable document" column to check which documents he/she returned with the Tender)

Document name	Returnable document	
Invitation to Tender - SBD 1 (T2.37)	Yes	
Bidder's Disclosure - SBD 4 (T2.11)	Yes	
Authority to Sign Tender (T2.2)	Yes	
Authority for Consortia or Joint Venture's to Sign Tender (T2.3)	Yes	
Special Resolution of Consortia or Joint Venture's (If applicable) (T2.4)	Yes	
Joint Venture Involvement Declaration (If applicable) (T2.5)	Yes	
Financial Standing and other resources of Business Declaration (T2.8)	Yes	
Site Inspection Certificate as proof for attendance of compulsory briefing meeting (T2.10)	Yes	
Record of Addenda to Tender Documents (T2.12)	Yes	
Schedule of Imported Materials and Equipment (T2.14)	Yes	
Latest Audited Annual Financial Statement (T2.15a)	No	N/A
Contractor's Safety, Health and Environmental Declaration. (T2.17)	Yes	
Compulsory Enterprise Questionnaire (T2.18)	Yes	
Tax Compliance Status (TCS) PIN to verify on line Compliance Supplier Status via e-Filing (T2.19)	Yes	
Proof of Good Standing with the Compensation Commissioner (Attach) (T2.20)	Yes	
Form of Offer and Acceptance (Bound into Section 1 of 2) (T2.21)	Yes	
Proof of UIF Registration - Not Applicable (T2.24)	No	N/A
The National Industrial Participation Programme (T2.25)	Yes	
Proof of Registration Number on the Central Suppliers Database (T2.27)	Yes	
Complete Priced Provisional Bill of Quantities	Yes	

DOCUMENTS REQUIRED FOR THE EVALUATION OF MANDATORY TECHNICAL CRITERIA (IF APPLICABLE) - T2.29
(Tenderer to Insert a tick (✓) in the "Returnable document" column to check which documents he/she returned with the Tender)

Tender document requirement	Returnable document	
Valid uninterrupted Professional Indemnity Insurance (PI) for each professional discipline or consolidated for the entire Professional team	Yes	
Valid copies of professional registration certificate, letter of good standing with the relevant council dated within the tender period (as a minimum requirement) or beyond and fully filled out CV for the mandatory Professional team.	Yes	
Experience in Construction for the mandatory Professional team by providing CVs and Reference Forms	Yes	
Experience in Clinical Healthcare Infrastructure for the Architect and Mechanical Engineer by providing CVs and Reference Forms	Yes	
Method statement from the contractor	Yes	
Qualification and experience of a Social Facilitator by providing CVs and Reference Forms	Yes	
Competency and Experience of Contractor	Yes	

Note:

The documents, as stated in the above table if applicable, must be submitted with the tender by the closing date and time as determined by the KZN Department of Health. Should these documents not be submitted by the tenderer as required, then the tender will be declared as non-responsive and will be disqualified. Should the tenderer submit the required documentation but the evaluation committee requires further clarity/information to conduct their assessment, then the tenderer may be contacted to provide this additional information failing which the tenderer shall be eliminated from the evaluation process.

Yes

STAGE 3 EVALUATION OF PRICE AND PREFERENCE

The Department has identified the following specific goal:

CATEGORY	POINTS
PRICE	90
SPECIFIC GOALS	10
Total points for Price and Specific Goals must not exceed	100
Please Note:	
1) Historically Disadvantaged Persons (HDP):	
2 points are allocated to companies who are at least 51% owned by Black People.	
Or	
2 points are allocated to companies who are at least 51% owned by Black People who are women.	
Or	
2 points are allocated to companies who are at least 51% owned by black people or Person with Disabilities	
And	
2) Reconstruction and Development Programme (RDP):	
2 points are allocated to point Promotion of Enterprise whose office is currently located in KwaZulu-Natal	
Or	
2 points are allocated to Promotion of Enterprises owned by Youth	
2) PROOF TO CLAIM SPECIFIC GOALS OR REQUIRED RETURNABLE DOCUMENTS ARE AS FOLLOWS:	
a. For Black Africans or Black People: Ownership Certificate issued by the Companies and Intellectual Property Commission (CIPC), the department will use CSD database from National Treasury to check correctness of information submitted.	
b. For Disability: The valid medical certificate or copy of valid SASSA disability card or physical assessment by department's specialist doctors will serve as verification), the department will use CSD database from National Treasury to check correctness of disability status.	
c. Municipal utility bill (Utility bill issued by the Municipality in KwaZulu-Natal or Eskom or copy of valid lease agreement as well as a copy of utility bill from the landlord. Utility bills must not be older than 3 months from date of the tender advert. Proof of address must be provided for all firms that form part of the consortium)	
3) False Declaration	
The Department reserve the right to verify information submitted by bidder by using other computer assisted verification technics. Should the bidder submit false or fraudulent proof to claim points for specific goals, the bidder will not score points for specific goals.	
4) Scoring of points	
Should the responsive bidder fail to submit proof to claim points for specific goals, the bid will not be disqualified but the offer will not score points for specific goals (zero points).	

(Tenderer to Insert a tick (✓) in the "Returnable document" column to check which documents he/she returned with the Tender)

Document name	Returnable document	
Black Africans or Black People, women, youth: Ownership Certificate issued by the Companies and Intellectual Property Commission (CIPC), the department will use CSD database from National Treasury to check correctness of information submitted	Yes	
Disability: The valid medical certificate or copy of valid SASSA disability card or physical assessment by department's specialist doctors will serve as verification), the department will use CSD database from National Treasury to check correctness of disability status.	Yes	
Locality: Municipal utility bill (Utility bill issued by the Municipality in KwaZulu-Natal or Eskom or copy of valid lease agreement as well as a copy of utility bill from the landlord. Utility bills must not be older than 3 months from date of the tender advert. Proof of address must be provided for all firms that form part of the consortium)	Yes	

T2.2 AUTHORITY TO SIGN TENDER

The bidder must indicate the enterprise status by signing the appropriate box hereunder.

(I)	(II)	(III)	(IV)	(V)	(VI)	
CLOSE CORPORATION	COMPANIES	SOLE PROPRIETOR	PARTNERSHIP	CO-OPERATIVE	JOINT VENTURE / CONSORTIUM	
					Incorporated	
					Unincorporated	

I/We, the undersigned, being the Member(s) of Cooperative/ Sole Owner (Sole Proprietor)/ Close Corporation/ Partners (Partnership)/ Company (Representative) or Lead Partner (Joint Venture / Consortium), in the enterprise trading as:

.....

hereby authorise Mr/Mrs/Ms

acting in the capacity of

whose signature is

to sign all documents in connection with this bid and any contract resulting therefrom on behalf of the enterprise.

NAME	ADDRESS	SIGNATURE	DATE

(if the space provided is not enough please list all the director in the resolution letter)

Note:
The following document must be attached to this form according to the status of the enterprise, in the form of a resolution authorising the signatory to sign all documents in connection with this bid and any contract resulting therefrom on behalf of the enterprise, and **such resolution shall include a specimen signature of the signatory.**

- Co-operative: Resolution letter from the directors
- Close Corporation: Resolution letter from the directors
- Company: Resolution letter from the director/s
- Sole Proprietor: Resolution letter from the director
- Partnership: Resolution letter from the director
- Joint Venture / Consortium: Resolution/agreement passed/reached' signed by the authorised representatives of the enterprises

Note: Director/s may appoint themselves if they will be the one signing all documents in connection with this bid and any contract resulting therefrom on behalf of the enterprise.

Failure to complete, sign and date this form or failure to provide the certificate(s) in the form of a resolution as described above shall result in the tender being considered non-responsive and rejected.

T2.3 AUTHORITY FOR CONSORTIA OR JOINT VENTURES TO SIGN TENDER

RESOLUTION of a meeting of the Board of *Directors / Members / Partners of:

(Legally correct full name and registration number, if applicable, of the Enterprise)

held at (town): _____ on (date): _____

RESOLVED that:

1. The Enterprise submits a Tender, in consortium/Joint Venture with the following Enterprises:

(List all the legally correct full names and registration numbers, if applicable, of the Enterprises forming the Consortium/Joint Venture)

to the KZN Department of Health in respect of the following project:

CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL

Tender Number: **ZNB 5110/2025-H**

2. * Mr. / Mrs. / Ms.: _____ in

*his/her Capacity as: _____ (Position in the Enterprise)

and who will sign as follows: _____

be, and is hereby, authorised to sign a consortium/joint venture agreement with the parties listed under item 1 above, and any and all other documents and/or correspondence in connection with and relating to the consortium/joint venture, in respect of the project described under item 1 above.

The Enterprise accepts joint and several liability with the parties listed under item 1 above for the due fulfilment of the obligations of the joint venture deriving from, and in any way connected with, the Contract to be entered into with the Department in respect of the project described under item 1 above.

The Enterprise chooses as its *domicilium citandi et executandi* for all purposes arising from this joint venture agreement and the Contract with the Department in respect of the project under item 1 above:

Physical address: _____

(Postal Code)

Postal Address: _____

(Postal Code)

Telephone number: (Dialing Code followed by number) _____

Fax number: (Dialing Code followed by number) _____

Email Address: _____

***BOARD OF DIRECTORS / MEMBERS / PARTNERS in Consortium of Joint Venture**

	Name	Capacity	Signature
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

Note:

- * Delete which is not applicable.
- NB. This resolution / Power of Attorney must be signed by all the Directors / Members / Partners of the Tendering Enterprise.
- Should the number of Directors / Members/Partners exceed the space available above, additional names and signatures must be supplied on a separate page.

ENTERPRISE STAMP (If Any)

Deemed to satisfy joint venture arrangements
Grading 2 + Grading 2 + Grading 2
Grading 3 + Grading 3 + Grading 3
Grading 4 + Grading 4
Grading 4 + Grading 3 + Grading 3
Grading 5 + Grading 5
Grading 5 + Grading 4 + Grading 4
Grading 6 + Grading 6
Grading 6 + Grading 5 + Grading 5
Grading 7 + Grading 7 + Grading 7
Grading 8 + Grading 8 + Grading 8

Designation	
= 3	Tenderers who envisage entering a Joint Venture shall complete a submit a Joint Venture Agreement (see copy of CIDB's agreement elsewhere in this document) with this Tender.
= 4	
= 5	
= 5	
= 6	
= 6	
= 7	
= 7	
= 8	
= 9	

T2.4 SPECIAL RESOLUTION OF CONSORTIA OR JOINT VENTURES

RESOLUTION of a meeting of the duly authorised representatives of the following legal entities who have entered into a consortium/joint venture to jointly Tender for the project mentioned below: (legally correct full names and registration numbers, of the Enterprises forming a Consortium/Joint Venture)

- _____
- _____
- 2. _____
- _____
- 3. _____
- _____
- 4. _____
- _____
- 5. _____
- _____
- 1. _____
- _____
- 2. _____
- _____
- 3. _____
- _____

held at: _____ (place) on _____ (date)

RESOLVED that:

- A. The above-mentioned Enterprises submits a Tender in Consortium/Joint Venture to the KZN Department of Health in respect of the following project:

CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL

Tender Number: **ZNB 5110/2025-H**
Project Code:

B. Mr./Mrs./MS: _____ in

*his/her Capacity as: _____ (Position in the Enterprise)

and who will sign as follows: _____

be, and is hereby, authorised to sign the Tender, and any and all other documents and/or correspondence in connection with and relating to the Tender, as well as to sign any Contract, and any and all documentation, resulting from the award of the Tender to the Enterprises in Consortium/Joint Venture mentioned above.

C. The Enterprises constituting the Consortium/Joint Venture, notwithstanding its composition, shall conduct all business under the name and style of:

D. The Enterprises to the Consortium/Joint Venture accept joint and several liability for the due fulfilment of the obligations of the Consortium/Joint Venture deriving from, and in any way connected with, the Contract entered into with the Department in respect of the project described under item A above.

E. Any of the Enterprises to the Consortium/Joint Venture intending to terminate the consortium/joint venture agreement, for whatever reason, shall give the Department 30 days written notice of such intention. Notwithstanding such decision to terminate, the Enterprises shall remain jointly and severally liable to the Department for the due fulfilment of the obligations of the Consortium/Joint Venture as mentioned under item D above.

F. No Enterprise to the Consortium/Joint venture shall, without the prior written consent of the other Enterprises to the Consortium/Joint Venture and of the Department, cede any of its rights or assign any of its obligations under the consortium/joint Venture and of the Department, cede any of its rights or assign any of its obligations under the consortium/joint venture agreement in relation to the Contract with the Department referred to herein.

G. The Enterprises choose as the *domicilium citandi et executandi* of the consortium/joint venture for all purposes arising from the consortium/joint venture agreement and the Contract with the Department in respect of the project under item A above:

Physical address: _____

(Postal Code)

Postal Address: _____

(Postal Code)

Telephone number: (dialing Code followed by number) _____

Fax number: (dialing Code followed by number) _____

Email Address : _____

***BOARD OF DIRECTORS / MEMBERS / PARTNERS in Consortium of Joint Venture**

	Name	Capacity	Signature
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

Note:

1. * Delete which is not applicable.
2. NB. This resolution / Power of Attorney must be signed by all the Duly Authorised Representatives of the Legal Entities to the Consortium/Joint Venture submitting this Tender.
3. Should the number of Duly Authorised Representatives of the Legal Entities joining forces in this Tender exceed the space available above, additional names and signatures must be supplied on a separate page.
4. Resolutions, duly completed and signed, from the separate Enterprises who participate in this Consortium/Joint Venture must be attached to the Special Resolution.

T2.5 JOINT VENTURES INVOLVEMENT DECLARATION

Project title:	CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL		
Tender No:	ZNB 5110/2025-H	Project Code:	

DECLARATION RELATING TO A TENDER SUBMITTED BY A JOINT VENTURE :

I/We the undersigned parties do hereby declare that our respective involvement in the Works, of which I/we tender by Joint Venture, would be as follows:-

Party No. 1	
CENTRAL SUPPLIERS DATABASE REGISTRATION NO:	
TENDERER'S CIDB REGISTRATION NUMBER:	
Name	
Address	
Percentage involvement	%

Party No. 2	
CENTRAL SUPPLIERS DATABASE REGISTRATION NO:	
TENDERER'S CIDB REGISTRATION NUMBER:	
Name	
Address	
Percentage involvement	%

Party No. 3	
CENTRAL SUPPLIERS DATABASE REGISTRATION NO:	
TENDERER'S CIDB REGISTRATION NUMBER:	
Name	
Address	
Percentage involvement	%

Signed - Party No. 1

I/We (*Full Name*) _____

duly authorized in my capacity as _____

of (*Enterprise name*): _____

do jointly and severally accept responsibility for the due performance of the Works contained in the above project should such Tender submitted by the Joint Venture be accepted.

Signed by Authorised Representative

Date

Signed - Party No. 2

I/We (*Full Name*) _____

duly authorised in my capacity as _____

of (*Enterprise name*): _____

do jointly and severally accept responsibility for the due performance of the Works contained in the above project should such tender submitted by the Joint Venture be accepted.

Signed by Authorised Representative

Date

Signed - Party No. 3

I/We (*Full Name*) _____

duly authorised in my capacity as _____

of (*Enterprise name*): _____

do jointly and severally accept responsibility for the due performance of the Works contained in the above project should such tender submitted by the Joint Venture be accepted.

Signed by Authorised Representative

Date

**T2.8 FINANCIAL STANDING AND OTHER RESOURCES OF BUSINESS
DECLARATION**

Project title:	CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL		
Tender No:	ZNB 5110/2025-H	Project Code:	

(a) Based on the track record determined on the Minimum Average Annual Turnover coupled to the assessed Works Capabilities of Contracting Enterprises, the Construction Industry Development Board (CIDB) awards Grading Designations and accordingly registers it on the system.

This confirms that a Contractor has, at the time of registration, in the absence of any supply side interventions, sufficient working capital to commence the Works for a single contract and render due performance.

(b) However, it regularly occurs that a Contractor will at the same time submit tenders for a number of projects that are advertised during an overlapping period. Moreover, the Contractor may be busy with a Contract that is of the registered CIDB Grading Designation (value) or is even attending to a number of smaller valued Contracts.

(c) It therefore becomes the prerogative of a Tenderer in such instances to prove to the Department that the Enterprise has the capacity in every respect to attend to more than one (1) contract at a time.

(d) A Tenderer who wishes to be considered for this tender Contract award, over and above other tenders that they have submitted, shall submit if/when requested by the DoH the necessary proof that:

(i) he/she has access to additional finance (inclusive of a PERFORMANCE GUARANTEE BY A REGISTERED FINANCIAL INSTITUTION),

(ii) he/she has additional Human Resources available to successfully complete this project.

(iii) he/she has adequate Equipment, Plant and Machinery that all of the above can, undoubtedly, be sourced for this tender. (Please submit to the DoH the name and contact details of the supplier if the Tenderer is going to hire Equipment, Plant or Machinery, when requested.)

I, the undersigned, _____
(name of person authorized to sign on behalf of the Tenderer)

understand that it is the responsibility of the Tenderer to prove and provide if/when requested by the DoH, evidence of the good Financial Standing of the Business to complete the Contract successfully.

Furthermore, it is understood that failure to provide if/when requested by DoH, at least the information as stated in paragraphs (d)(i)(ii) AND (iii) above will not enable the Evaluation Team to assess the CURRENT financial standing of the Business and the failure to provide said information when requested will, therefore, invalidate the Tender.

I accept and understand that the KZN Department of Health, as representative of the Provincial Administration of KwaZulu-Natal in this tender, may act against me and the Tenderer, jointly and severally, should this declaration and/or any information provided be found to be false.

Duly signed at..... on this the..... day of..... 20.....

Full Name of Signatory

Name of Enterprise

Capacity of Signatory

Signature of authorised representative

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

T2.9 PREFERENCE CERTIFICATE			
Project title:	CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL		
Tender No:	ZNB 5110/2025-H	Project Code:	

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

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

1. GENERAL CONDITIONS

1.1. The following preference point systems are applicable to invitations to Bid:

- 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

- a. The applicable preference point system for this Bid is the 90/10 preference point system.
- b. The 90/10 preference point system will be applicable in this Bid. The lowest acceptable Bid will be used to determine the accurate system once Bids are received.

1.3. Points for this Bid (even in the case of a Bid 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 Bid are allocated as follows:

	POINTS
PRICE	90
SPECIFIC GOALS	10
Total points for Price and SPECIFIC GOALS	100

1.5. Failure on the part of a Bidder to submit proof or documentation required in terms of this Bid to claim points for specific goals with the Bid, 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 Bidder, either before a Bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

- (a) **“Bid”** 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 Bidding process or any other method envisaged in legislation;
- (b) **“price”** means an amount of money Bided 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) **“Bid 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 OR 90/10 PREFERENCE POINT SYSTEMS

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

$$\begin{array}{ccc} \mathbf{80/20} & \mathbf{or} & \mathbf{90/10} \\ \mathbf{Ps = 80 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right)} & \mathbf{or} & \mathbf{Ps = 90 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right)} \end{array}$$

Where

- Ps = Points scored for price of Bid under consideration
- Pt = Price of Bid under consideration
- Pmin = Price of lowest acceptable Bid

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 or 90 points is allocated for price on the following basis:

$$\begin{array}{ccc} \mathbf{80/20} & \mathbf{or} & \mathbf{90/10} \\ \mathbf{Ps = 80 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right)} & \mathbf{or} & \mathbf{Ps = 90 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right)} \end{array}$$

Where

- Ps = Points scored for price of Bid under consideration
- Pt = Price of Bid under consideration
- Pmax = Price of highest acceptable Bid

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 Bid. For the purposes of this Bid the Bidder 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 Bid:

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 80/20 or 90/10 preference point system applies, an organ of state must, in the Bid documents, stipulate in the case of—

- (a) an invitation for Bid for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable Bid will be used to determine the applicable preference point system; or
- (b) any other invitation for Bid, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable Bid 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 and 80/20 preference point system.

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

(Note to organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.

Note to Bidders: The Bidder 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 90/10 system	Number of points claimed 90/10 system (To be completed by the tenderer)	Documents to be submitted to earn points
<p>1) Historically Disadvantaged Persons (HDP):</p> <p>2 points are allocated to companies who are at least 51% owned by Black People.</p> <p style="text-align: center;">Or</p> <p>2 points are allocated to companies who are at least 51% owned by Black People who are women.</p> <p style="text-align: center;">Or</p> <p>2 points are allocated to companies who are at least 51% owned by black people or Person with Disabilities</p>	10		<p>Black Africans or Black People, women, youth: Ownership Certificate issued by the Companies and Intellectual Property Commission (CIPC), the department will use CSD database from National Treasury to check correctness of information submitted</p> <p>Disability: The valid medical certificate or copy of valid SASSA disability card or physical assessment by department's specialist doctors will serve as verification), the department will use CSD database from National Treasury to check correctness of disability status.</p>
<p>1) Reconstruction and Development Programme (RDP):</p> <p>2 points are allocated to point Promotion of Enterprise whose office is currently located in KwaZulu-Natal</p> <p>Or</p> <p>2 points are allocated to Promotion of Enterprises owned by Youth</p>			<p>Locality: Municipal utility bill (Utility bill issued by the Municipality in KwaZulu-Natal or Eskom or copy of valid lease agreement as well as a copy of utility bill from the landlord. Utility bills must not be older than 3 months from date of the tender advert. Proof of address must be provided for all firms that form part of the consortium)</p>

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm.....

4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

- i. Partnership/Joint Venture / Consortium
 - ii. One-person business/sole propriety
 - iii. Close corporation
 - iv. Public Company
 - v. Personal Liability Company
 - vi. (Pty) Limited
 - vii. Non-Profit Company
 - viii. 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 Bid, qualifies the company/ firm for the preference(s) shown and I acknowledge that:
- (a) The information furnished is true and correct;
 - (b) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
 - (c) 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;
 - (d) 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 –
 - i. disqualify the person from the Biding process;
 - ii. recover costs, losses or damages it has incurred or suffered as a result of that person’s conduct;
 - iii. 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;
 - iv. recommend that the Bidder 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
 - v. forward the matter for criminal prosecution, if deemed necessary.

<p>.....</p> <p>SIGNATURE(S) OF TENDERER(S)</p>	
SURNAME AND NAME:
DATE:
ADDRESS:

EME'S AND QSE'S MUST COMPLETE THE FOLLOWING APPLICABLE AFFIDAVIT FORM TO CLAIM PREFERENCE POINTS

SWORN AFFIDAVIT – B-BBEE EXEMPTED MICRO/MACRO ENTERPRISE

I, the undersigned,

Full name & Surname	
Identity number	

Hereby declare under oath as follows:

- a) The contents of this statement are to the best of my knowledge a true reflection of the facts.
- b) I am a member / director / owner of the following enterprise and am duly authorised to act on its behalf:

Enterprise Name	
Trading Name (If Applicable):	
Registration Number	
Enterprise Physical Address:	
Type of Entity (CC, (Pty) Ltd, Sole Prop etc.):	
Nature of Business:	
Definition of "Black People"	<p>As per the Broad-Based Black Economic Empowerment Act 53 of 2003 as Amended by Act No 46 of 2013 "Black People" is a generic term which means Africans, Coloureds and Indians –</p> <ul style="list-style-type: none"> a) who are citizens of the Republic of South Africa by birth or descent; or b) who became citizens of the Republic of South Africa by naturalisation- <ul style="list-style-type: none"> i) before 27 April 1994; or ii) on or after 27 April 1994 and who would have been entitled to acquire citizenship by naturalization prior to that date;"
Definition of "Black Designated Groups"	<p>"Black Designated Groups means:</p> <ul style="list-style-type: none"> a) unemployed black people not attending and not required by law to attend an educational institution and not awaiting admission to an educational institution; b) Black people who are youth as defined in the National Youth Commission Act of 1996; c) Black people who are persons with disabilities as defined in the Code of Good Practice on employment of people with disabilities issued under the Employment Equity Act; d) Black people living in rural and under developed areas; e) Black military veterans who qualifies to be called a military veteran in terms of the Military Veterans Act 18 of 2011;"

- c) I hereby declare under Oath that:
 1. The Enterprise is _____% Black Owned as per Amended Code Series 100 of the amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as amended by Act No 46 of 2013,

2. The Enterprise is _____% Black Female Owned as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,
3. The Enterprise is _____% Black Designated Group Owned as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,
4. Black Designated Group Owned % Breakdown as per the definition stated above:
 - i) Black Youth % = _____%
 - ii) Black Disabled % = _____%
 - iii) Black Unemployed % = _____%
 - iv) Black People living in Rural areas % = _____%
 - v) Black Military Veterans % = _____%
5. Based on the Financial Statements/Management Accounts and other information available on the latest financial year-end of _____, the annual Total Revenue was R10,000,000.00 (Ten Million Rands) or less/ Based on the Audited Financial Statements/ Financial Statements and other information available
OR
on the latest financial year-end of _____ (DD/MM/YYYY), the annual Total Revenue was between R10,000,000.00 (Ten Million Rands) and R50,000,000.00 (Fifty Million Rands)
6. Please Confirm on the below table the B-BBEE Level Contributor, **by ticking the applicable box.**

100% Black Owned	Level One (135% B-BBEE procurement recognition level)	
At least 51% Black Owned	Level Two (125% B-BBEE procurement recognition level)	
Less than 51% Black Owned	Level Four (100% B-BBEE procurement recognition level)	

- d) I know and understand the contents of this affidavit and I have no objection to take the prescribed oath and consider the oath binding on my conscience and on the Owners of the Enterprise, which I represent in this matter.
- e) The sworn affidavit will be valid for a period of 12 months from the date signed by commissioner.

Deponent Signature: _____

Date: ____/____/____

Stamp

Signature of Commissioner of Oaths

T2.10 COMPULSORY SITE INSPECTION MEETING CERTIFICATE			
Project title:	CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL		
Tender No:	ZNB 5110/2025-H	Project Code:	
Site Inspection Date:	03/03/2026		

N. B.: THIS FORM IS ONLY TO BE COMPLETED WHEN APPLICABLE TO THE BID.

Site/Building/Institution Involved: **NGWELEZANE HOSPITAL (Thandisiwe Road, Ngwelezana, Empangeni, 3880, KwaZulu-Natal, South Africa).**

This is to certify that (bidder's representative name) _____

On behalf of (company name) _____

Visited and inspected the site on **03/03/2026 @10:30am** and is therefore familiar with the circumstances and the scope of the service to be rendered.

Signature of Bidder or Authorized Representative
 (PRINT NAME)

DATE: ____ / ____ / ____

Name of Departmental or Public Entity Representative
 (PRINT NAME)

Departmental Stamp With Signature

T2.11 BIDDER'S DISCLOSURE - SBD 4

BIDDER NAME

LEGISLATION ON DISCLOSURE OF INTEREST

The Public Service Act 103 of 1994 indicates in section 30(1) that “No employee shall perform or engage himself or herself to perform remunerative work outside his or her employment in the relevant department, except with the written permission of the executive authority of the department.”

Furthermore, in terms of the Public Service Regulations paragraph 13(c), “An employee shall not conduct business with any organ of state or be a director of a public or private company conducting business with an organ of state, unless such employee is in an official capacity a director of a company listed in schedule 2 and 3 of the Public Finance Management Act”

Treasury Regulations 16A8.4 further indicates that “If a supply chain management official or other role player, or any close family member, partner or associate of such official or other role player, has any private or business interest in any contract to be awarded, that official or other role player must-(a) disclose that interest; and (b) withdraw from participating in any manner whatsoever in the process relating to that contract.”

CLARITY ON HOW TO DISCLOSE

Clause 2.2 of the Bidders Disclosure (SBD4), require the bidder to disclose a relationship with any person employed by the entire KZN Department of Health, even if that person is not employed by the procuring institution. The Department may use other Computer Assisted Techniques to verify possible interest, should you be found to have failed to disclose correctly, your bid/quotation will be treated as a false declaration, treated as non-responsive and disqualified.

For example, if the tender is advertised or invited by Addington Hospital, yet the person with interest is employed by Manguzi Hospital, as long as that official is employed by the Department of Health, the bidder is required to disclose interest. Therefore the question is, do you, or any person connected with the bidder, have a relationship with any person who is employed by the KZN Department of Health? If so, please furnish particulars on Bidders Disclosure (SBD4) section 2.2.1, as attached below,

I read the above clarity on disclosure of interest and I commit to disclose as directed, should I fail to disclose correctly, I am aware of the consequences, which may include disqualification of my offer.

BIDDER SURNAME AND INITIALS

SIGNATURE

DATE

This document must be signed and submitted together with your bid

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 interest¹ 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 the 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

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

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.

arrangement with any competitor. However, communication between partners in a joint venture or consortium² 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.
- 3.5 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.
- 3.6 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.
- 3.7 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

This document must be signed and submitted together with your bid

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.

T2.12 RECORD OF ADDENDA TO TENDER DOCUMENTS

Project title:	CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL		
Tender No:	ZNB 5110/2025-H	Project Code:	

The undersigned confirm that the following communications received from the employer before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer:

	Date	Title or Details	No. of Pages
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			

Attach Additional Pages if more space is required

Tenderer to attach proof of receipt of above listed addenda

Signed		Date	
Name		Position	
Tenderer			

T2.14 SCHEDULE FOR IMPORTED MATERIALS AND EQUIPMENT

Project title:	CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL		
Tender No:	ZNB 5110/2025-H	Project Code:	

This schedule should be completed by the Tenderer. (Attach additional page(s) if more space is required)

Item	Material / Equipment	Quotation (Excluding VAT)
1		R
2		R
3		R
4		R
5		R
6		R

The Contractor shall list imported items, materials and/or equipment which shall be excluded from the Contract Price Adjustment Provisions (if applicable) and shall be adjusted in terms of currency fluctuations only. Copies of the supplier's quotations for the items, materials or equipment (provided that such costs shall not be higher than the relevant contract rate as listed above) should be lodged with the Principal Agent / Engineer of the Department of Health within 60 (sixty) days from the date of acceptance of the tender. No adjustment of the local VAT amount, nor the contractor's profit, discount, mark-up, handling costs, etc. shall be allowed. (See P&G E16)

These net amounts will be adjusted as follows:

FORMULA:

The net amount to be added to or deducted from the contract sum:

$$A = V \left(\frac{Z}{Y} - 1 \right)$$

A = the amount (R) of adjustment

V = the net amount (supplier's quotation) (R) of the imported item

Y = exchange rate 14 days prior to closing date of tender submission

Z = exchange rate on the date of the Bill of Lading* of exporters invoice.

** A bill of lading (sometimes abbreviated as B/L or BoL) is a document issued by a carrier which details a shipment of merchandise and gives title of that shipment to a specified party. Bills of lading are one of three important documents used in international trade to help guarantee that exporters receive payment and importers receive merchandise. A straight bill of lading, which is referred to above, is used when payment has been made in advance of shipment and requires a carrier to deliver the merchandise to the appropriate party. It is therefore the date of the paid-up invoice when the shipment leaves the exporter's location. [http://en.wikipedia.org/wiki/Bill_of_lading]*

Name of authorised representative	Signature	Date

T2.15 LATEST 12 MONTH AUDITED ANNUAL FINANCIAL STATEMENT

Project title:	CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL		
Tender No:	ZNB 5110/2025-H	Project Code:	

CURRENTLY NOT APPLICABLE

T2.17 CONTRACTOR'S SAFETY, HEALTH AND ENVIRONMENTAL DECLARATION			
Project Title:	CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL		
Tender No:	ZNB 5110/2025-H	Project Code:	

In terms of Regulation 5(1)(h) of the Construction Regulations of February 2014 a Contractor may only be appointed to perform construction work if the Client is satisfied that the Contractor has the necessary competencies and resources to carry out the work safely in accordance with the Occupational Health and Safety Act, Act 85 of 1993 and the Construction Regulations of February 2014. In line with this requirement the Contractor is required to read through this document carefully, sign it and submit it with his/her Tender.

DECLARATION

1. I, the undersigned hereby declare and confirm that I am fully conversant with the Occupational Health and Safety Act, Act 85 of 1993 and the Construction Regulations of February 2014 and the Construction Safety, Health and Environmental Specifications attached to this document.
2. I hereby declare that my company and its employees have the necessary competency and resources to safely carry out the construction works under this contract in compliance with the Occupational Health and Safety Act, Act 85 of 1993, the Construction Regulations of February 2014 and the Construction Safety, Health and Environmental Specifications.
3. I hereby confirm that adequate provisions has been made in my Tender to cover the cost of all Safety, Health and Environmental duties and responsibilities imposed on me by the Occupational Health and Safety Act, Act 85 of 1993, the Construction Regulations of February 2014 and the Construction Safety, Health and Environmental Specifications.
4. I hereby undertake that if my Tender is accepted, to provide before commencement of the Works under the contract or as required by the Conditions of the Contract, a suitable and sufficiently documented Construction Safety, Health and Environmental Management Plan in accordance with Regulation 7(1)(a) of the Construction Regulations of February 2014, which shall be subject for approval by the Client.
5. I confirm that I may not commence with any part of construction work under the contract until my Construction Safety Health and Environmental Management Plan has been approved in writing by the Client.
6. I hereby confirm that copies of the following documentation will be kept on site for viewing and inspection purposes for the duration of the construction work:
 - a) Client's Construction Safety, Health and Environmental Specification.
 - b) Approved Construction Safety, Health and Environmental Plan.
 - c) Occupational Health and Safety Act, Act 85 of 1993.
 - d) Construction Regulations of February 2014.
7. I agree that my failure to complete and execute this declaration to the satisfaction of the Client will mean that I am unable to comply with the requirements of the Occupational Health and Safety Act, Act 85 of 1993 and the Construction Regulations of February 2014, and accept that my Tender will be rejected.

Duly signed at..... on this the..... day of..... 20.....

Full Name of Signatory _____

Name of Enterprise _____

Capacity of Signatory _____

Signature of authorised representative of Tenderer _____

T2.18 Compulsory Enterprise Questionnaire			
Project Title:	CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL		
Tender No:	ZNB 5110/2025-H	Project Code:	

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: CSD Number:	

Section 5: 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 6 partners

Section 6: Particulars of companies and close corporations

Company registration number	
Close corporation number	
Tax reference number	

Section 7: SBD4 issued by National Treasury must be completed for each tender and be attached as a tender requirement

Section 8: SBD6 issued by National Treasury must be completed for each tender and be attached as a tender requirement

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

- i) authorizes the Employer to verify the tenderers tax clearance status from the South African Revenue Services that it is in order;
- ii) confirms that 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			
Enterprise name			

**T2.19 TAX COMPLIANCE STATUS (TCS) PIN TO VERIFY ONLINE
COMPLIANCE SUPPLIER STATUS VIA SARS e-FILING**

Project Title:	CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL		
Tender No:	ZNB 5110/2025-H	Project Code:	

TAX CLEARANCE REQUIREMENTS

It is a condition of Tender that the taxes of the successful Tenderer must be in order, or that satisfactory arrangements have been made with South African Revenue Service (SARS) to meet the Tenderer's tax obligations. It is a condition of this Offer of Commission that your practice remains in good standing with SARS (South African Revenue Services) in terms of its tax clearance.

1. In order to meet this requirement Tenderers are required to apply via e-filing at any SARS branch office nationally. The Tax Compliance Status (TCS) requirements are also applicable to foreign Tenderers / individuals who wish to submit Tenders.
2. SARS will then furnish the Tenderer with a Tax Compliance Status (TCS) PIN that will be valid for a period of 1 (one) year from the date of approval.
3. In Tenders where Consortia / Joint Ventures / Sub-contractors are involved, each party must submit a separate Tax Compliance Status (TCS) PIN.
4. Application for Tax Compliance Status (TCS) PIN can be done via e-filing at any SARS branch office nationally or on the website www.sars.gov.za.
5. Tax Clearance Certificates may be printed via eFiling. In order to use this provision, taxpayers will need to register with SARS as eFilers through the website www.sars.gov.za.

IMPORTANT NOTICE

1. The South African Revenue Services (SARS) has phased out the issuing of paper Tax Clearance Certificates.
2. From 18 April 2016 SARS introduced an enhanced Tax Compliance (TCS) system.
3. The new system allows taxpayers to obtain a Tax Compliance Status (PIN), which can be utilised by authorised third parties to verify taxpayers' compliance status online via SARS e-filing.
4. Tenderers are required to fill in clearly, legibly, in bold print and black ink the SARS (TCS) PIN number and Tax Reference number in the space hereunder:
- 5.

Tax Compliance Status (TCS) PIN Number	
Company / Tendering Entity Tax Reference Number	

Name of Tenderer:

Signature of Tenderer:

Date:

**T2.20 CERTIFIED PROOF OF GOOD STANDING WITH THE
COMPENSATION COMMISSIONER**

Project Title:	CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL		
Tender No:	ZNB 5110/2025-H	Project Code:	

ATTACH A CERTIFIED COPY OF PROOF, THAT THE
TENDERER IS IN GOOD STANDING WITH THE
COMPENSATION COMMISSIONER, TO THIS PAGE FOR
ADJUDICATION PURPOSES

NOTE

In the case of a Tender by a Joint Venture, certified copies of proof of Good Standing with the Compensation Commissioner in respect of each party to the Joint Venture must be attached to this page

C1.1 - FORM OF OFFER AND ACCEPTANCE

Agreement

Tender No: ZNB 5110/2025-H

OFFER

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

CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL

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:

Amount (in words):	
Amount in figures:	R

This Offer may be accepted by the Employer by signing the Acceptance part of this Form of Offer and Acceptance and returning one copy of this document to the Tenderer before the end of the period of validity stated in the Tender Data, whereupon the Tenderer becomes the party named as the Contractor in the Conditions of Contract identified in the Contract Data.

Signature (s)			
Name (s)			
Capacity			
For the tenderer			
	(Name and address of tenderer)		
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	Agreement 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 two weeks after receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the employer's agent (whose details are given in the contract data) to arrange the delivery of any 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 (5) working days of the date of such receipt notifies the employer in writing of any reason why he/she cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the parties.

Signature (s)			
Name (s)			
Capacity			
For the employer			
	<i>(Name and address of employer)</i>		
Name and signature of witness			

Schedule of Deviations

Notes:

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

1.1.1. Subject:
Details:

1.1.2. Subject:
Details:

1.1.3. Subject:
Details:

1.1.4. Subject:
Details:

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

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

T2.22 - FINAL PROVISIONAL BILL OF QUANTITY SUMMARY

Project Title:	CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL		
Tender No:	ZNB 5110/2025-H	Project Code:	

**ATTACH SUMMARY PAGE OF THE
PROVISIONAL BILL OF QUANTITIES**

T2.24 - PROOF OF VALID UIF REGISTRATION

Project Title:	CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL		
Tender No:	ZNB 5110/2025-H	Project Code:	

CURRENTLY NOT APPLICABLE

T2.25 THE NATIONAL INDUSTRIAL PARTICIPATION PROGRAMME

This document must be signed and submitted together with your Tender

INTRODUCTION

The National Industrial Participation (NIP) Programme, which is applicable to all government procurement contracts that have imported content, became effective on the 1 September 1996. The NIP policy and guidelines were fully endorsed by the Cabinet on 30 April 1997. In terms of the Cabinet decision, all state and parastatal purchases / lease contracts (for goods, works and services) entered into after this date, are subject to the NIP requirements. NIP is obligatory and therefore must be complied with. The Industrial Participation Secretariat (IPS) of the Department of Trade and Industry (DTI) is charged with the responsibility of administering the programme.

1 PILLARS OF THE PROGRAMME

- 1.1 The NIP obligation is benchmarked on the imported content of the contract. Any contract having an imported content equal to or exceeding US\$ 10 million or other currency equivalent to US\$ 10 million will have a NIP obligation. This threshold of US\$ 10 million can be reached as follows:
- (a) Any single contract with imported content exceeding US\$10 million.
or
 - (b) Multiple contracts for the same goods, works or services each with imported content exceeding US\$3 million awarded to one seller over a 2-year period which in total exceeds US\$10 million.
or
 - (c) A contract with a renewable option clause, where should the option be exercised the total value of the imported content will exceed US\$10 million.
or
 - (d) Multiple suppliers of the same goods, works or services under the same contract, where the value of the imported content of each allocation is equal to or exceeds US\$ 3 million worth of goods, works or services to the same government institution, which in total over a two (2) year period exceeds US\$10 million.
- 1.2 The NIP obligation applicable to suppliers in respect of sub-paragraphs 1.1 (a) to 1.1 (c) above will amount to 30 % of the imported content whilst suppliers in respect of paragraph 1.1 (d) shall incur 30% of the total NIP obligation on a pro-rata basis.
- 1.3 To satisfy the NIP obligation, the DTI would negotiate and conclude agreements such as investments, joint ventures, sub-contracting, licensee production, export promotion, sourcing arrangements and research and development (R&D) with partners or suppliers.
- 1.4 A period of seven years has been identified as the time frame within which to discharge the obligation.

2 REQUIREMENTS OF THE DEPARTMENT OF TRADE AND INDUSTRY

- 2.1 In order to ensure effective implementation of the programme, successful Tenderers (contractors) are required to, immediately after the award of a contract that is in excess of R10 million (ten million Rands), submit details of such a contract to the DTI for reporting purposes.
- 2.2 The purpose for reporting details of contracts in excess of the amount of R10 million (ten million Rands) is to cater for multiple contracts for the same goods, works or services; renewable contracts and multiple suppliers for the same goods, works or services under the same contract as provided for in paragraphs 1.1.(b) to 1.1. (d) above.

3 TENDER SUBMISSION AND CONTRACT REPORTING REQUIREMENTS OF TENDERERS AND SUCCESSFUL TENDERERS (CONTRACTORS)

- 3.1 Tenderers are required to sign and submit this Standard Tendering Document (SBD 5) together with the Tender on the closing date and time.

3,2 In order to accommodate multiple contracts for the same goods, works or services; renewable contracts and multiple suppliers for the same goods, works or services under the same contract as indicated in sub-paragraphs 1.1 (b) to 1.1 (d) above and to enable the DTI in determining the NIP obligation, successful Tenderers (contractors) are required, immediately after being officially notified about any successful Tender with a value in excess of R10 million (ten million Rands), to contact and furnish the DTI with the following information:

- Tender / contract number.
- Description of the goods, works or services.
- Date on which the contract was accepted.
- Name, address and contact details of the government institution.
- Value of the contract.
- Imported content of the contract, if possible.

3,3 The information required in paragraph 3.2 above must be sent to the Department of Trade and Industry, Private Bag X 84, Pretoria, 0001 for the attention of Mr. Elias Malapane within five (5) working days after award of the contract. Mr. Malapane may be contacted on telephone (012) 394 1401, facsimile (012) 394 2401 or e-mail at Elias@thedti.gov.za for further details about the programme.

4 PROCESS TO SATISFY THE NIP OBLIGATION

4,1 Once the successful Tenderer (contractor) has made contact with and furnished the DTI with the information required, the following steps will be followed:

- a. the contractor and the DTI will determine the NIP obligation;
- b. the contractor and the DTI will sign the NIP obligation agreement;
- c. the contractor will submit a performance guarantee to the DTI;
- d. the contractor will submit a business concept for consideration and approval by the DTI;
- e. upon approval of the business concept by the DTI, the contractor will submit detailed business plans outlining the business concepts;
- f. the contractor will implement the business plans; and
- g. the contractor will submit bi-annual progress reports on approved plans to the DTI.

4,2 The NIP obligation agreement is between the DTI and the successful Tenderer (contractor) and, therefore, does not involve the purchasing institution.

Tender number:	<u>ZNB 5110/2025-H</u>	Closing date:	_____
Name of Tenderer:	_____		
Postal address:	_____ _____		
Signature:	_____	Name (in print):	_____
Date:	_____		

**T2.27 - CERTIFIED PROOF OF REGISTRATION ON CENTRAL SUPPLIERS
DATABASE**

Project Title:	CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL		
Tender No:	ZNB 5110/2025-H	Project Code:	

**ATTACH A CERTIFIED COPY OF PROOF, THAT THE BIDDER
IS REGISTERED ON THE CENTRAL SUPPLIERS DATABASE
TO THIS PAGE FOR ADJUDICATION PURPOSES**

NOTE

In the case of a Tender by a Joint Venture, certified copies of proof of registration on the Central Suppliers Data Base in respect of each party to the Joint Venture must be attached to this page

T2.28 - CERTIFIED PROOF OF CIDB REGISTRATION NUMBER

Project Title:	CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL		
Tender No	ZNB 5110/2025-H	Project Code	

**ATTACH A CERTIFIED COPY OF PROOF, THAT THE
TENDERER IS REGISTERED WITH THE CONSTRUCTION
INDUSTRY DEVELOPMENT BOARD (CIDB) TO THIS PAGE
FOR ADJUDICATION PURPOSES**

NOTE

In the case of a Tender by a Joint Venture, certified copies of proof of registration with the CIDB in respect of each party to the Joint Venture must be attached to this page

T2.29 MANDATORY TECHNICAL CRITERIA

The following section contains the Mandatory Technical requirements for this bid and may include but is not limited to equipment/plant requirements, personnel requirements, minimum level of experience, professionals required, certifications required, etc. Should the tenderer fail any of the criteria in T2.29, the tender will be deemed non-responsive and will be excluded from further evaluation. This evaluation forms part of Stage 2.

Successful tenderers must pass all technical criteria as set out below. If below table is blank, then Mandatory Technical Criteria is not applicable on this tender.

	Criteria	Deliverable Required	Scoring bands	Deliverable meets Criteria (YES / NO) (FOR USE BY EVALUATION COMMITTEE)	Comments (FOR USE BY EVALUATION COMMITTEE)
1	Valid uninterrupted Professional Indemnity Insurance (PI) for each professional discipline or consolidated for the entire Professional team (If a consolidated letter is provided it should clearly stipulate the value of cover for each individual professional discipline)	<p>1. Valid uninterrupted Professional Indemnity Insurance Policy/Letter</p> <p style="text-align: center;">OR</p> <p>2. A signed letter of intent from the insurance provider clearly stating their intention to provide the bidder with the minimum stated cover (should they be awarded the contract) per professional discipline individually or consolidated for the entire Professional team.</p> <p>3. For each Professional discipline the applicable PI is as follows:</p> <ul style="list-style-type: none"> • Professional Construction Project Manager (PI = R15 million) – as Team Lead • Professional Architect (PI = R15 million) • Professional Civil Engineer (PI = R10 million) • Professional Structural Engineer (PI = R15 million) • Professional Mechanical Engineer (PI = R10 million) • Professional Electrical Engineer (PI = R10 million) • Professional Quantity Surveyor (PI = R10 million) • Professional Health & Safety Agent (PI = R2 million) 	Pass/ Fail	<p>Pass</p> <p>1. Submission of valid uninterrupted Professional Indemnity Insurance to the minimum value stated per discipline individually,</p> <p>2. Proof must be in the form of an original official letter from the insurance provider or the submission of the insurance policy document. The value of the insurance per professional discipline being covered must be stated.</p> <p style="text-align: center;">OR</p> <p>3. A signed letter of intent from the insurance provider clearly stating their intention to provide the bidder with the minimum stated cover (should they be awarded the contract) per professional discipline individually shall also be accepted.</p> <hr/> <p>Fail</p> <p>1. Submission of valid uninterrupted Professional Indemnity Insurance to the minimum value stated per discipline individually NOT matching or LESS than the prescribed minimum cover required.</p> <p style="text-align: center;">OR</p> <p>2. NO submission of valid uninterrupted Professional Indemnity Insurance to the minimum value stated per discipline individually,</p> <p>3. No proof in the form of an original official letter from the insurance provider or from the submitted insurance policy document with the value of the insurance per professional discipline being covered being stated</p> <p style="text-align: center;">OR</p> <p>4. No signed letter of intent from the insurance provider clearly stating their intention to provide the bidder with the minimum stated cover (should they be awarded the contract) per professional discipline individually.</p> <p style="text-align: center;">AND</p> <p>5. Submission of a consolidated letter for the entire Professional team which does not clearly stipulate the value of cover for each individual professional discipline</p>	

	Criteria	Deliverable Required	Scoring bands	Deliverable meets Criteria (YES / NO) (FOR USE BY EVALUATION COMMITTEE)		Comments (FOR USE BY EVALUATION COMMITTEE)
2	Valid copies of professional registration certificate, letter of good standing with the relevant council dated within the tender period (as a minimum requirement) or beyond and fully filled out CV for the mandatory Professional team.	<p>1. Valid professional registration certificates with the year of first registration, registration number and stating the applicable professional council, to be attached (as proof) to determine team experience,</p> <p>2. Letter of good standing with the relevant council dated within the tender period (as a minimum requirement) or beyond</p> <p style="text-align: center;">And</p> <p>3. Fully filled out CV* (please see Annexure 16, for the CV template).</p> <p>Please indicate level of experience for everyone as stated below:</p> <ul style="list-style-type: none"> • Professional Construction Project Manager with a minimum of 6 years post SACPCMP professional registration experience. – as Team Lead • Professional Architect with a minimum of 6 years post SACAP professional registration experience. • Professional Civil Engineer with a minimum of 6 years post ECSA professional registration experience. • Professional Structural Engineer with a minimum of 6 years ECSA professional registration experience. • Professional Mechanical Engineer with a minimum of 6 years post ECSA professional registration. • Professional Electrical Engineer with a minimum of 6 years post ECSA professional registration experience. • Professional Quantity Surveyor with a minimum of 6 years post SACQSP professional registration experience. • Professional Health & Safety Agent with a minimum of 3 years' post SACPCMP professional registration experience. 	Pass/ Fail	Pass	<p>1. Submission of valid registration certificate with the year of first registration, registration number and stating the applicable professional council, for the mandatory Professional team,</p> <p>2. Submission of letter of good standing with the relevant council dated within the tender period (as a minimum requirement) or beyond</p> <p style="text-align: center;">And</p> <p>3. Submission of fully filled out CV* for the mandatory Professional team.</p>	
				Fail	<p>1. NOT fully meeting the prescribed minimum threshold</p> <p style="text-align: center;">OR</p> <p>2. NO valid registration certificate with the date of first registration, registration number and stating the applicable professional council</p> <p>3. NO letter of good standing with the relevant council dated within the tender period (as a minimum requirement) or beyond</p> <p style="text-align: center;">And</p> <p>4. NO fully filled out CV* for the mandatory Professional team.</p> <p>*Not using the provided CV template annexed in this tender document shall lead to disqualification.</p>	
3	Experience in Construction for the mandatory Professional team by providing CVs and Reference Forms (CVs and Reference Forms are to be filled and completed using	<p>1. Fully filled CVs on the provided "CV template"* (please see Annexure 16, for the CV template),</p> <p>2. Project award letters (award letter is to indicate the Client),</p> <p>3. Consultant appointment letter,</p> <p>4. Corresponding completion certificate</p>		Pass	<p>1. Submission of detailed CV's on the provided "CV template"</p> <p style="text-align: center;">PLUS</p> <p>2. Valid project award letters (award letter is to indicate the Client),</p> <p style="text-align: center;">PLUS</p>	

Criteria	Deliverable Required	Scoring bands	Deliverable meets Criteria (YES / NO) (FOR USE BY EVALUATION COMMITTEE)	Comments (FOR USE BY EVALUATION COMMITTEE)
<p>the CV and Reference Form template attached after the Annexures Tab on this document for uniformity).</p>	<p style="text-align: center;">AND</p> <p>5. Reference form (please see Annexure 17, for the reference form template*), from the PA (if you were a PA on the project the reference is to be from the Client) with a minimum of 8GB CIDB grading in construction projects for two projects for the mandatory professional team stated below:</p> <ul style="list-style-type: none"> • Professional Construction Project Manager as Project Lead • Professional Civil Engineer • Professional Structural Engineer* • Professional Electrical Engineer* • Professional Quantity Surveyor • Professional Health & Safety Agent <p>* The Structural engineer needs to indicate that they have experience in either Civil 3D or Revit or AutoCAD or Civil Designer or Prokon softwares or Cype or other structural design tools under the "role on project" in the CV.</p> <p>* The Electrical Engineer's CV is to indicate experience in low and medium voltage, electrical supply, and reticulation within the construction projects under the "role on project" in the CV. Should the engineer not provide the stipulated experience, they shall be disqualified.</p>		<p>3. Consultant appointment letter (accompanied by the PA appointment letter on the Project if you were not the PA),</p> <p style="text-align: center;">PLUS</p> <p>4. Corresponding completion certificates</p> <p style="text-align: center;">AND</p> <p>5. Reference form for (please see Annexure 17, for the reference form template*), from the PA (if you were a PA on the project the reference is to be from the Client) with a minimum of 8GB CIDB grading in construction projects for at least two projects</p>	
			<p>Fail</p> <p>1. NOT fully meeting the prescribed minimum threshold</p> <p style="text-align: center;">OR</p> <p>2. NO submission of detailed CV's on the provided "CV template"</p> <p style="text-align: center;">PLUS</p> <p>3. NO valid project award letters,</p> <p style="text-align: center;">PLUS</p> <p>4. NO consultant appointment letter,</p> <p style="text-align: center;">PLUS</p> <p>5. NO corresponding completion certificates</p> <p style="text-align: center;">AND</p> <p>6. NO reference as per the reference form* from the PA (if you were a PA on the project the reference is to be from the Client) for construction projects of 8GB CIDB grading for at least two projects.</p> <p>7. Irrelevant electrical engineering experience detailed in the CV.</p> <p>8. Experience in structural engineering design software not stipulated in the CV.</p> <p>*Not using the provided CV template and reference form template annexed in this tender document and not detailing the specified experience under the "roles on project" for the structural and electrical engineer shall lead to disqualification.</p>	

	Criteria	Deliverable Required	Scoring bands	Deliverable meets Criteria (YES / NO) (FOR USE BY EVALUATION COMMITTEE)		Comments (FOR USE BY EVALUATION COMMITTEE)
4.	Experience in Clinical Healthcare Infrastructure for the Architect and Mechanical Engineer by providing CVs and Reference Forms (CVs and Reference Forms are to be filled and completed using the CV and Reference Form template attached after the Annexures Tab on this document for uniformity).	<p>1. Fully filled CV's on the provided "CV template"* (please see Annexure 16, for the CV template),</p> <p>2. Project award letters (award letter is to indicate the Client),</p> <p>3. Consultant appointment letter</p> <p>4. Corresponding completion certificate.</p> <p style="text-align: center;">AND</p> <p>5. Reference form (please see Annexure 17, for the reference form template*), from the PA (if you were a PA on the project the reference is to be from the Client) with a minimum of 8GB CIBB grading in Clinical Healthcare Infrastructure projects for two projects for the professional disciplines stated below:</p> <ul style="list-style-type: none"> • Professional Architect • Professional Mechanical Engineer 		Pass	<p>1. Submission of detailed CV's on the provided "CV template"</p> <p style="text-align: center;">PLUS</p> <p>2. Valid project award letters (award letter is to indicate the Client),</p> <p style="text-align: center;">PLUS</p> <p>3. Consultant appointment letter</p> <p style="text-align: center;">PLUS</p> <p>4. Corresponding completion certificates</p> <p style="text-align: center;">AND</p> <p>5. Reference letter from the PA (if you were a PA on the project the reference is to be from the Client) for the Professional Architect and Mechanical Engineer for experience in Clinical Healthcare Infrastructure projects for at least two projects with a minimum of 8GB CIBB grading.</p>	
				Fail	<p>1. NOT fully meeting the prescribed minimum threshold</p> <p style="text-align: center;">OR</p> <p>2. NO submission of detailed CV's on the provided "CV template"</p> <p style="text-align: center;">PLUS</p> <p>3. NO valid project award letters,</p> <p style="text-align: center;">PLUS</p> <p>4. NO Consultant appointment letter,</p> <p style="text-align: center;">PLUS</p> <p>5. NO Completion certificates,</p> <p style="text-align: center;">AND</p> <p>6. NO Reference as per the reference form* from the PA (if you were a PA on the project the reference is to be from the Client) for Clinical Healthcare Infrastructure projects of 8GB CIBB grading for at least two projects.</p> <p>*Not using the provided CV template and reference form template annexed in this tender document shall lead to disqualification.</p>	
5	Method statement from the contractor	1. Method statement also taking into consideration the site access information provided as Annexure 18 and referenced under site information. The method statement is to detail the	Pass/ Fail	Pass	<p>1. Submission of a method statement which details the following:</p> <ul style="list-style-type: none"> • Maintaining health, safety and control on the 	

Criteria	Deliverable Required	Scoring bands	Deliverable meets Criteria (YES / NO) (FOR USE BY EVALUATION COMMITTEE)	Comments (FOR USE BY EVALUATION COMMITTEE)
	<p>following:</p> <ul style="list-style-type: none"> • Maintaining health, safety, and control on the operating hospital • Creation of access (including a demolition plan) into the courtyard within the constraints described in Annexure 18, referenced under site information. • Identification of key resources such as plant, equipment, materials etc <p>2. The method statement is to have the project name, a brief overview of what the project is about, risk assessment details, potential hazards, staff and responsibilities, any necessary equipment or tools, work procedures, safety measures, full sequence of operations, information on monitoring and management.</p>		<p>operating hospital</p> <ul style="list-style-type: none"> • Creation of access (including a demolition plan) into the courtyard within the constraints described in Annexure 18, referenced under site information. • Identification of key resources such as plant, equipment, materials etc <p>2. The method statement is to include the project name, a brief overview of what the project is about, risk assessment details, potential hazards, staff and responsibilities, any necessary equipment or tools, work procedures, safety measures, full sequence of operations, information on monitoring and management.</p>	
			<p>Fail</p> <p>1. NO submission of site access method statement OR an incomplete site access method statement that has not detailed and taken into consideration the following:</p> <ul style="list-style-type: none"> • Maintaining health, safety, and control on the operating hospital • Creation of access (including a demolition plan) into the courtyard within the constraints described in Annexure 18, referenced under site information. • Identification of key resources such as plant, equipment, materials etc and how they will access the site within the constraints of the site. <p>2. NO inclusion of all or some of the below topics of discussion shall lead to disqualification. The topics are: Project name, a brief overview of what the project is about, risk assessment details, potential hazards, staff and responsibilities, any necessary equipment or tools, work procedures, safety measures, full sequence of operations, information on monitoring and management.</p>	

	Criteria	Deliverable Required	Scoring bands	Deliverable meets Criteria (YES / NO) (FOR USE BY EVALUATION COMMITTEE)		Comments (FOR USE BY EVALUATION COMMITTEE)
6.	<p>Qualification and experience of a Social Facilitator by providing CVs and Reference Forms (CVs and Reference Forms are to be filled and completed using the CV and Reference Form template attached after the Annexures Tab on this document for uniformity).</p>	<p>1. Qualification, and/or ASEFSA membership certificate, 2. CVs on the provided "CV template"* (please see Annexure 16, for the CV template), 3. Project award letters (award letter is to indicate the Client), 4. Consultant appointment letter, 5. Corresponding completion certificate AND 6. Reference form (please see Annexure 17, for the reference form template*), with experience in infrastructure projects for at least two projects.</p> <ul style="list-style-type: none"> • The Social Engagement Practitioner must have a NQF level 6 qualification in Social Science or any appropriate relevant qualification with a minimum of 3 years' experience post qualification, Or • A Social Engagement Practitioner with a Social Engagement Practitioners certificate with a unique practice number + ASEFSA membership certificate with 5 years' experience in social facilitation. Or • Social Engagement Practitioner must have a Grade 12 certificate and a minimum of eight (8) years relevant social facilitation work experience or more. 	Pass/ Fail	<p>Pass</p> <p>1. Submission of qualification, and/or ASEFSA membership certificate, 2. CVs on the provided "CV template"* (please see Annexure 16, for the CV template), 3. Project award letters (award letter is to indicate the Client), 4. Consultant appointment letter, 5. Corresponding completion certificate AND Reference form (please see Annexure 17, for the reference form template*), with experience in infrastructure projects for at least two projects.</p> <p>Fail</p> <p>1. NOT fully meeting the prescribed minimum threshold OR 2. NO submission of qualification, and/or ASEFSA membership certificate, 3. NO detailed CV and reference forms on the provided "CV template"* PLUS 4. NO valid project award letters, PLUS 5. NO consultant appointment letter, PLUS 6. NO Completion certificates, AND 7. Reference as per the reference form* from the PA (if you were a PA on the project the reference is to be from the Client) for infrastructure projects for at least two projects</p> <p>*Not using the provided CV template and reference form template annexed in this tender document shall lead to disqualification.</p>		

	Criteria	Deliverable Required	Scoring bands	Deliverable meets Criteria (YES / NO) (FOR USE BY EVALUATION COMMITTEE)		Comments (FOR USE BY EVALUATION COMMITTEE)
7.	Competency and Experience of Contractor	1. Contractor to demonstrate their technical competency and relevant project experience. 2. Project award letters (award letter is to indicate the Client), AND 3. Corresponding completion certificate for Healthcare Infrastructure projects with a minimum of 8GB CIDB grading for two projects	Pass/ Fail	Pass	1. Submission of project award letters (award letter is to indicate the Client), AND 2. Corresponding completion certificate for Healthcare Infrastructure projects with a minimum of 8GB CIDB grading for two projects	
				Fail	1. NOT fully meeting the prescribed minimum threshold OR 2. NO submission of valid project award letters AND 3. Corresponding completion certificates for Healthcare Infrastructure projects of 8GB CIDB grading for at least two projects.	

T2.30 CONTRACT FORM - PURCHASE OF GOODS/WORKS-Part 1

THIS FORM MUST BE FILLED IN DUPLICATE BY BOTH THE SUCCESSFUL TENDERER (PART 1) AND THE PURCHASER (PART 2). BOTH FORMS MUST BE SIGNED IN THE ORIGINAL SO THAT THE SUCCESSFUL TENDERER AND THE PURCHASER WOULD BE IN POSSESSION OF ORIGINALLY SIGNED CONTRACTS FOR THEIR RESPECTIVE RECORDS.

PART 1 (TO BE FILLED IN BY THE TENDERER)

1. I hereby undertake to supply all or any of the goods and/or works described in the attached Tendering documents to Head: Health (Department of Health: Province of KwaZulu-Natal) in accordance with the requirements and specifications stipulated in Tender number **ZNB 5110/2025-H** at the price/s quoted.
2. The following documents shall be deemed to form and be read and construed as part of this agreement:
 - (i) Tendering documents, viz
 - Invitation to Tender;
 - Tax Compliance Status (TCS) **PIN**;
 - Pricing schedule(s);
 - Technical Specification(s);
 - Preference claims for Broad Based Black Economic Empowerment Status Level of Contribution in terms of the Preferential Procurement Regulations 2011;
 - Declaration of interest;
 - Declaration of Tenderer's past SCM practices;
 - Certificate of Independent Tender Determination
 - Special Conditions of Contract;
 - (ii) General Conditions of Contract for construction works Edition 2 - GCC2010; and
 - (iii) Other (specify)
3. I confirm that I have satisfied myself as to the correctness and validity of my Tender; that the price(s) and rate(s) quoted cover all the goods and/or works specified in the Tendering documents; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.
4. I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me under this agreement as the principal liable for the due fulfilment of this contract.
5. I declare that I have no participation in any collusive practices with any Tenderer or any other person regarding this or any other Tender.
6. I confirm that I am duly authorised to sign this contract.

NAME (PRINT): _____

CAPACITY: _____

SIGNATURE: _____

NAME OF FIRM: _____

DATE: _____

Witnesses:
1. _____
2. _____
Date: _____

T2.31 CONTRACT FORM - PURCHASE OF GOODS/WORKS-Part 2

PART 2 (TO BE FILLED IN BY THE PURCHASER)

1. I _____ in my capacity as _____

accepts your Tender under reference dated _____ for the supply of goods/works indicated hereunder and/or further specified in the annexure(s).

- 2. An official order indicating delivery instructions is forthcoming.
- 3. I undertake to make payment for the goods/works delivered in accordance with the terms and conditions of the contract, within 30 (thirty) days after receipt of an invoice accompanied by the delivery note.

ITEM NO.	PRICE (ALL APPLICABLE TAXES INCLUDED)	BRAND	DELIVERY PERIOD	B-BBEE STATUS LEVEL OF CONTRIBUTION	MINIMUM THRESHOLD FOR LOCAL PRODUCTION AND CONTENT (if applicable)

4. I confirm that I am duly authorised to sign this contract.

SIGNED AT _____ ON _____
[Place] [Date]

NAME (PRINT): _____

SIGNATURE: _____

OFFICIAL STAMP:

Witnesses:

1. _____

2. _____

Date: _____

T2.32 - OHSE PLAN STRUCTURE			
Project Title:	CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL		
Tender No:	ZNB 5110/2025-H	Project Code:	

A detailed OHSE Plan is to be submitted by the successful tenderer as per Construction Regulation 7(1)(a). The following are the minimum standard legal documentation that must form part of the OHSE Plan based on the risks attached in executing this project titled;

CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL

NOTE: PLEASE REFER TO THE PROJECT SPECIFIC OHSE PLAN STRUCTURE AS RECEIVED FROM THE KZN DOH OFFICIAL APPOINTED TO THE PROJECT OR AN APPOINTED PROFESSIONAL CONSTRUCTION HEALTH AND SAFETY AGENT, INCLUDED UNDER THE ANNEXURES.

T2.33 - OHSE CLIENT SPECIFIC REQUIREMENTS

Project Title:	CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL
Tender No:	
Project Code:	ZNB 5110/2025-H

NOTE: PLEASE REFER TO THE PROJECT SPECIFIC OHSE CLIENT SPECIFIC REQUIREMENTS AS RECEIVED FROM THE KZN DOH OFFICIAL APPOINTED TO THE PROJECT OR AN APPOINTED PROFESSIONAL CONSTRUCTION HEALTH AND SAFETY AGENT, INCLUDED UNDER THE ANNEXURES.

T2.34 - BASELINE RISK ASSESSMENT

Project Title:	CONSTRUCTION OF NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL
Tender No:	ZNB 5110/2025-H
Project Code:	

NOTE : PLEASE REFER TO THE PROJECT SPECIFIC BASELINE RISK ASSESSMENT AS RECEIVED FROM THE KZN DOH OFFICIAL APPOINTED TO THE PROJECT OR AN APPOINTED PROFESSIONAL CONSTRUCTION HEALTH AND SAFETY AGENT, INCLUDED UNDER THE ANNEXURES.

T2.36 - Functionality Criteria

NOTE: PLEASE BE ADVISED THAT THERE IS NO FUNCTIONALITY CRITERIA FOR THIS TENDER

SCORING PRICE AND BBEE			
Evaluation Criteria	Deliverables	Points	
Price	The lowest responsive and responsible priced offer shall be allocated 90 points. All other responsive and responsible offers shall be allocated a prorated point value based on the lowest responsive and responsible priced offer.	90	Points
Specific Goals	<p>Historically Disadvantaged Persons (HDP):</p> <p>2 points are allocated to companies who are at least 51% owned by Black People.</p> <p style="text-align: center;">Or</p> <p>2 points are allocated to companies who are at least 51% owned by Black People who are women.</p> <p style="text-align: center;">Or</p> <p>2 points are allocated to companies who are at least 51% owned by black people or Person with Disabilities</p> <p>Reconstruction and Development Programme (RDP):</p> <p>2 points are allocated to point Promotion of Enterprise whose office is currently located in KwaZulu-Natal</p> <p style="text-align: center;">Or</p> <p>2 points are allocated to Promotion of Enterprises owned by Youth</p>	10	Points

**PROVINCE OF KWAZULU-NATAL
DEPARTMENT OF HEALTH**



THE CONTRACT

**OPTION B: PROVISIONAL BILL OF QUANTITIES USING
A DESIGN AND BUILD PROCUREMENT STRATEGY**

NEC 4 – ENGINEERING AND CONSTRUCTION CONTRACT

CONTRACTUAL SECTION

ONE VOLUME APPROACH

SECTION 2 OF 2

NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL

Employer:

Head of Health

KZN Department of Health Private Bag X 9051

Pietermaritzburg

3201

Tel Number: 033 - 940 2400

Fax Number: none

Tender Number: ZNB 5110/2025-H

CIDB Grading: 9GB

ECDP Number:

Project Code:

Document Date: As per the Advert

Contract Period:

Contracting Party: _____

CIDB Registration number: _____

Central Suppliers Database Registration Number: _____

NEC4 Engineering & Construction Contract (ECC4)

Between Kwazulu-Natal Department of Health
 Reg No. **(the *Client*)**
 and
 Reg No. **(the *Contractor*)**
 for New Ngwelezana Oncology Centre
(the *works*)

Contents:	Page No
Part C1 Agreements & Contract Data C1.1 Form of Offer and Acceptance C1.2 Contract Data C1.3 Forms of Sureties (if applicable)	<div style="border: 1px solid black; width: 100%; height: 25px;"></div>
Part C2 Pricing Data C2.1 Pricing assumptions C2.2 The Provisional Bill of Quantities	<div style="border: 1px solid black; width: 100%; height: 25px;"></div>
Part C3 Scope of Work C3.1 <i>Client's</i> Scope C3.2 Scope provided by the <i>Contractor</i> for its design	<div style="border: 1px solid black; width: 100%; height: 25px;"></div>
Part C4 Site Information	<div style="border: 1px solid black; width: 100%; height: 25px;"></div>

Contract No.

Prepared By: KZN Department of Health

C1 - AGREEMENT AND CONTRACT DATA

FORM OF OFFER AND ACCEPTANCE

C.1.1 - FORM OF OFFER AND ACCEPTANCE

THE OFFER AND ACCEPTANCE FORM IS BOUND INTO **SECTION 1** (*See end of Returnable Documents*) OF THIS DOCUMENT AS PART OF THE RETURNABLE DOCUMENTS. ONCE A CONTRACT IS CONCLUDED WITH A SUCCESSFUL TENDERER, THIS PAGE WILL BE REPLACED WITH THE FILLED AND SIGNED OFFER AND SIGN ACCEPTANCE BY THE EMPLOYER AND IT WILL BECOME PART OF THE CONTRACT.

PLEASE SUBMIT THE OFFER AND ACCEPTANCE FORM WITH THE OTHER RETURNABLE DOCUMENTS.

C1.2 - CONTRACT DATA

C1.2 ECC4 Contract Data

Part one - Data provided by the *Client*

Data for the Core Clauses

<u>Clause number</u>	<u>Identified statement and data</u>						
11.1	<p>The <i>conditions of contract</i> are the core clauses and the clauses for the following main Option, the Option for resolving and avoiding disputes and secondary Options of the NEC4 Engineering and Construction Contract, June 2017 with amendments October 2020.</p> <table border="1"> <tr> <td>Main Option</td> <td>Option B: Price Contract with Provisional Bill of Quantities</td> </tr> <tr> <td>Option for resolving and avoiding disputes</td> <td>W1</td> </tr> <tr> <td>Secondary Options</td> <td>X1, X2, X5, X7, X9, X13, X16</td> </tr> </table>	Main Option	Option B: Price Contract with Provisional Bill of Quantities	Option for resolving and avoiding disputes	W1	Secondary Options	X1, X2, X5, X7, X9, X13, X16
Main Option	Option B: Price Contract with Provisional Bill of Quantities						
Option for resolving and avoiding disputes	W1						
Secondary Options	X1, X2, X5, X7, X9, X13, X16						
11.2(15)	<p>The <i>works</i> are</p> <table border="1"> <tr> <td>Design and building of a New Oncology Centre and associated works at Ngwelezana Hospital in Empangeni</td> </tr> </table>	Design and building of a New Oncology Centre and associated works at Ngwelezana Hospital in Empangeni					
Design and building of a New Oncology Centre and associated works at Ngwelezana Hospital in Empangeni							
10.1	<p>The <i>Client</i> is</p> <table border="1"> <tr> <td>Name</td> <td>KwaZulu-Natal Department of Health</td> </tr> <tr> <td>Address for communications</td> <td>KZN Department of Health Private Bag X 9051 Pietermaritzburg 3200</td> </tr> <tr> <td>Address for electronic communications</td> <td>TBC</td> </tr> </table>	Name	KwaZulu-Natal Department of Health	Address for communications	KZN Department of Health Private Bag X 9051 Pietermaritzburg 3200	Address for electronic communications	TBC
Name	KwaZulu-Natal Department of Health						
Address for communications	KZN Department of Health Private Bag X 9051 Pietermaritzburg 3200						
Address for electronic communications	TBC						
10.1	<p>The <i>Project Manager</i> is</p> <table border="1"> <tr> <td>Name</td> <td>TBC</td> </tr> <tr> <td>Address for communications</td> <td>TBC</td> </tr> <tr> <td>Address for electronic communications</td> <td>TBC</td> </tr> </table>	Name	TBC	Address for communications	TBC	Address for electronic communications	TBC
Name	TBC						
Address for communications	TBC						
Address for electronic communications	TBC						
10.1	<p>The <i>Supervisor</i> is</p> <table border="1"> <tr> <td>Name</td> <td>TBC</td> </tr> <tr> <td>Address for communications</td> <td>TBC</td> </tr> <tr> <td>Address for electronic communications</td> <td>TBC</td> </tr> </table>	Name	TBC	Address for communications	TBC	Address for electronic communications	TBC
Name	TBC						
Address for communications	TBC						
Address for electronic communications	TBC						

11.2(16)	The Scope is in	Part 3: Scope of Work and all documents and drawings to which it refers.	
11.2(18)	The Site Information is in	Part 4: Site Information and all documents and drawings to which it refers.	
11.2(17)	The <i>boundaries of the site</i> are	As indicated in the Site Information	
13.1	The <i>language of the contract</i> is	English	
12.2	The <i>law of the contract</i> is the law of	The Republic of South Africa	
13.3	The <i>period for reply</i> is	14 working days	except that
	• The <i>period for reply</i> for	N/A	is N/A
	• The <i>period for reply</i> for	N/A	is N/A
15.2	The following matters will be included in the Early Warning Register		
	<ul style="list-style-type: none"> • Time constraints as the design is being developed and approved • Site Constraints and Constructability since construction site is located at the heart of the live hospital • Delays due to regulatory approvals • Access to Working Areas • Improper handling of equipment during delivery and installation, concurrent activities for construction and installation and safeguarding of equipment during construction. • Operating within an approved budget 		
15.2	Early Warning Meetings are to be held at intervals no longer than	14 working days	

If the *Client* has identified work which is set to meet a stated *condition* by a *key date*.

25.3

The *key dates* and *conditions* to be met are:

	<i>condition</i> to be met	<i>key date</i>
(1)	Award Tender	3 Months after the tender closed (Refer to programme)
(2)	Design Development and Documentation Reports	4 Months after the tender award (Refer to programme)
(4)	Handover - Enabling Works	4 Months after the tender award (Refer to programme)

(5)	Handover - Works	24 Months after handing over enabling works (Refer to programme)
(6)	Provide access to equipment suppliers to install 1 x CT scanner, 2 x Linear accelerators, 1 x Brachytherapy Unit	3 Months before completion (Refer to programme)
(7)	Completion	16 Months after handing over enabling works (Refer to programme)
(8)	Defects Date	12 Months after completion (Refer to programme)
(9)	Close Out	16 months after completion (Refer to programme)

31.2 The *starting date* is

TBC

30.1 The *access dates* are:

	part of the Site	date
(1)	All of the site	4 months from the starting date
(2)		
(3)		

32.2 The *Contractor* submits revised programmes at intervals no longer than

20 working days

11.2(2) & 11.2(3) The *completion date* for the whole of the *works* is

28 months from the starting date

35.1 The *Client*
willing to take over the *works* before the Completion Date.

is not

If no programme is identified in part two of the Contract Data

31.1 The period after the Contract Date within which the *Contractor* is to submit a first programme for acceptance is

Within two (2) weeks of the Starting Date

40.2 The period after the Contract Date within which the *Contractor* is to submit a quality

	policy statement and quality plan is		Within two (2) weeks of the Starting Date
43.1 & 43.2	The period between Completion of the whole of the <i>works</i> and the <i>defects date</i> is		12 months after completion of works
44.2	The <i>defect correction period</i> is	Two (2) weeks	except that
	• The <i>defect correction period</i> for	N/A	is N/A
	• The <i>defect correction period</i> for	N/A	is N/A
51.1	The <i>currency of the contract</i> is the	South African Rand	
50.1	The <i>assessment interval</i> is	1 Calendar month	
51.4	The <i>interest rate</i> is	<ul style="list-style-type: none"> in respect of interest owed by the employer, the interest rate is as determined by the Minister of Justice and Constitutional Development from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No. 55 of 1975), will apply; and in respect of interest owed to the employer, the interest rate is 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), will apply 	
The period in which payments are made			
51.2	The period within which payments are made is	30 days from approval of invoice by the KZN Department of Health	
60.1(13)	The place where weather is to be recorded is	At the Construction Site and the records to be kept on site in a file clearly marked for this purpose. To be co-signed by an agreed designated person from the facility or the NEC4 Project Manager	
60.1(13)	The <i>weather measurements</i> to be recorded for each calendar month are	<ul style="list-style-type: none"> the cumulative rainfall (mm) the number of days with rainfall more than 10 mm the number of days with minimum air temperature less than 0 degrees Celsius the number of days with snow lying at 08:00 to 17:00 hours South African Time and these measurements	

Note: An allowance of 3 days shall be made per month for inclement weather that disrupts works on the critical path as supported by the construction programme. Should the delay exceed 3 days, then the compensation event shall be assessed and may result in the extension of the Completion Date and/or Key Dates. There shall be no financial claims permitted due to delays caused by inclement weather. Rainfall of greater than 10mm per day is required to be proven to be considered for a delay due to inclement weather

The <i>weather measurements</i> are supplied by	The contractor shall be responsible for installing and maintaining a rain gauge on site to serve as proof of quantity of rainfall. For each day of rain, the measurement must be checked, recorded and co-signed by the NEC 4 Project Manager or the designated individual at the facility
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If recorded weather data are available:

60.1(13) The *weather data* are the records of past *weather measurements* for each calendar month and which are available from:

the South African Weather Bureau

60.1(21) These are additional compensation events

(1)	
(2)	
(3)	

80.1 These are additional *Client's* liabilities

(1)	None
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83.3 Insurance Table row 3 The minimum amount of cover for insurance against loss of or damage to property (except the *works*, Plant, Materials and Equipment) and liability for bodily injury to or death of a person (not an employee of the *Contractor*) arising from or in connection with the *Contractor* Providing the Works for any one event is:

Contract Sum plus 30.00%

83.3 Insurance Table row 4 The minimum amount of cover for insurance against death of or bodily injury to employees of the *Contractor* arising out of and in the course of their employment in connection with the contract for any one event is:

as prescribed by the Compensation for Occupational Injuries and Diseases Act No. 130 of 1993

If the *Client* is to provide Plant and Materials and the *Contractor* is providing insurance against loss of or damage to the *works* Plant and Materials:

83.3 Insurance Table row 1 The insurance against loss of or damage to the *works*, Plant and Materials is to include

cover for Plant and Materials provided by the *Client* for an amount of

N/A

If the *Client* is to provide any of the insurances stated in the Insurance Table

83.1 The *Client* provides these insurances from the Insurance Table

(1) Insurance against	None
Minimum amount of cover is	
The deductibles are	
(2) Insurance against	None
Minimum amount of cover is	
The deductibles are	
(3) Insurance against	None
Minimum amount of cover is	
The deductibles are	

If additional insurances are to be provided

83.1 The *Client* provides these additional insurances

(1) Insurance against	None
Minimum amount of cover is	.
The deductibles are	
(2) Insurance against	None
Minimum amount of cover is	
The deductibles are	

83.2 The *Contractor* provides these additional insurances

(1) Insurance against	Whatever the <i>Contractor</i> deems necessary in addition to that provided by the <i>Client</i>
Minimum amount of cover is	
The deductibles are	
(2) Insurance against	
Minimum amount of cover is	
The deductibles are	

Data for the main Option clauses

Clause number Identified statement and data

Data for Option B Priced Contract with Provisional Bill of Quantities

60.6	The <i>method of measurement</i> is the	Standard System of Measuring Building Works, Edition 7 and SANS 1200
1	and amended as stated in Part C2.1, Pricing Assumptions.	

Data for resolving and avoiding disputes.

W1.4(1), and W3.3(1)	The <i>tribunal</i> is	arbitration
W1.4(5), and W3.3(4)	The <i>arbitration procedure</i> is	the latest edition of Rules for the Conduct of Arbitrations published by The Association of Arbitrators (Southern Africa) or its successor body.
W1.4(5)	The place where arbitration is to be held is	South Africa
W1.4(5)	The person or organisation who will choose an arbitrator if the Parties cannot agree a choice or if the <i>arbitration procedure</i> does not state who selects an arbitrator, is	the Chairman for the time being or his nominee of the Association of Arbitrators (Southern Africa) or its successor body.

If Option W1 is used

W1.1(1)	The <i>Senior Representatives</i> of the <i>Client</i> are	
	Name (1)	TBC
	Address for communications	
	Address for electronic communications	
	Name (2)	TBC
	Address for communications	
	Address for electronic communications	
W1.2	The <i>Adjudicator</i> is (Name) [It is always preferable to name the Adjudicator at time of award. If this can be done delete this data and insert the name and contact details below.]	the person selected from the ICE-SA Division (or its successor body) of the South African Institution of Civil Engineering Panel of Adjudicators by the Party intending to refer a dispute to him. (see www.ice-sa.org.za)

Address for communications

Address for electronic communications

The *Adjudicator nominating body* is:

the Chairman of ICE-SA a joint Division of the South African Institution of Civil Engineering and the London Institution of Civil Engineers. (See www.ice-sa.org.za) or its successor body.

Data for the secondary Option clauses

Clause number

Identified statement and data

X1: Price adjustment for inflation (used only with Options A, B, C and D)

X1.1(c)

The proportions used to calculate the Price Adjustment Factor are

0.	linked to the index for	
0.	linked to the index for	
0.	linked to the index for	
0.	linked to the index for	
0.	linked to the index for	
0.	non-adjustable	

1.00

X1.1(a)

The *base date* for indices is

Tender Closure

These indices are

X2: Changes in the law

There is no reference to Contract Data in this Option

X4: Ultimate holding company guarantee

There is no reference to Contract Data in this Option

X5: Sectional Completion

11.2(3) & X5.1

The *completion date* for each *section* of the *works* is

<i>section</i>	<i>description</i>	<i>completion date</i>
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(1)	N/A	N/A
(2)		
(3)		
(4)		

X7: Delay damages if Option X7 is used without Option X5

X7.1 & 11.2(3) Delay damages for Completion of the whole of the works are

- Design Development and Documentation – R500.00
- Construction Stage - 0.04% of contract sum
- Close Out – R250.00

per calendar day

X8: Undertakings to the Client or Others

There is no reference to Contract Data in this Option.

X9: Transfer of rights

There is no reference to Contract Data in this Option.

X10: Information modelling

X10.4(1) If no information execution plan is identified in part two of the Contract Data,

The period after the Contract Date within which the Contractor is to submit a first Information Execution Plan for acceptance is

10 working days
R

The minimum amount of insurance cover for claims made against the Contractor arising out of its failure to use reasonable skill and care normally used by professionals providing information similar to the Project Information is, in respect of each claim

The period following Completion of the whole of the works or earlier termination for which the Contractor maintains insurance for claims made against it arising out of its failure to use the skill and care is

X11: Termination by the Client

There is no reference to Contract Data in this Option

X12: Multiparty collaboration (not used with Option X20)

X12.1(1) The Promoter is

X12.1(2) The Schedule of Partners is in

X12.2(1) The Promoter's objective is

X12.1(6)

The Partnering Information is in

X13: Performance bond

X13.1

The amount of the performance bond is

10% of contract sum including VAT

X14: Advanced payment to the Contractor

X14.1

The amount of the advanced payment is

Not Applicable

X14.3

The period after the Contract Date from which the Contractor repays the instalments in assessments is

Not Applicable

X14.3

The instalments are (either an amount or a percentage of the payment otherwise due)

Not Applicable

Advanced payment bond

An advanced payment bond **is not applicable.** (delete as applicable)

X15: The Contractor's design

X15.4

The *period for retention* following Completion of the whole of the *works* or earlier termination is

X15.5

The minimum amount of insurance cover for claims made against the Contractor arising out of its failure to use the skill and care normally used by professionals designing works similar to the *works* is, in respect of each claim,

X15.5

The period following Completion of the whole of the *works* or earlier termination for which the Contractor maintains insurance for claims made against it arising out of its failure to use the skill and care is

X16 Retention (not used with Option F)

X16.1

The *retention free amount* is

Not Applicable

X16.1

The *retention percentage* is

10%

X16.3

The Contractor **may / may not** give the Client a retention bond. (Delete as applicable)

X17: Low performance damages

X17.1

The amounts for low performance damages are

amount

performance level

for
for
for
for

X18: Limitation of liability

X18.2	The <i>Contractor's</i> liability to the <i>Client</i> for indirect or consequential loss is limited to:	R
X18.3	For any one event, the <i>Contractor's</i> liability to the <i>Client</i> for loss of or damage to the <i>Client's</i> property is limited to:	R
X18.4	The <i>Contractor's</i> liability for Defects due to his design which are not listed on the Defects Certificate is limited to	R
X18.5	The <i>Contractor's</i> total liability to the <i>Client</i> for all matters arising under or in connection with this contract, other than excluded matters, is limited to:	R
X18.6	The <i>end of liability date</i> is 5 years after Completion of the whole of the <i>works</i>	

X21: Whole life cost

There is no reference to Contract Data in this Option

Z: Additional conditions of contract

The *additional conditions of contract* are

Z1 – Identified and Defined Terms	<p>Add to core clause 11.2</p> <ol style="list-style-type: none"> 1. Any extension, concession, waiver or relaxation of any action stated in this contract by the Parties, the Project Manager, the Supervisor, or the Adjudicator does not constitute a waiver of rights and does not give rise to an estoppel unless the Parties agree otherwise and confirm such agreement in writing.
Z2 – Communications	<p>Add to core clause 13.5</p> <ol style="list-style-type: none"> 1. The project manager may extend the period for reply upon consultation with the Department of Health Project Leader to a communication if the Project Manager and the Contractor agree to the extension before the reply is due. The Project Manager notifies the Contractor of the extension which has been agreed with the approval by Department of Health Project Leader
Z3 – The Project Manager and the Supervisor	<p>Amend to core clause 14.2 to read as follows:</p> <ol style="list-style-type: none"> 1. The Project Manager and the Supervisor may not delegate any of their actions without first obtaining prior approval from the assigned Department of Health Project Leader. If approval is granted and after notifying the Contractor, an action of the Project Manager or his Supervisor in this contract includes an action by his delegate. <p>Amend to core clause 14.3 to read as follows:</p> <ol style="list-style-type: none"> 2. The project manager, after obtaining approval from the employer, may

	<p>give an instruction to the Contract which changes the Scope and Key Date.</p>
<p>Z4 – Providing the Works</p>	<p>Delete core clause 20.1 and replace with the following:</p> <ol style="list-style-type: none"> 1. The Contractor provides the works in accordance with the Scope and warrants that the results of the Works when complete shall be for their intended purpose.
<p>Z5 – The Contractor’s Design</p>	<p>Amend to core clause 21.2 to read as follows:</p> <ol style="list-style-type: none"> 1. The contractor submits the particulars of his design as the Scope requires to the Project Manager and inevitably to the Department of Health Project Leader for presentation and approval by the Gateway Review Team (GRT). A reason for not accepting the Contractor's design is that it does not meet GRT requirements (Including IUSS standards etc), Scope or the particular law. The Contractor does not proceed with the relevant work until the Project Manager, GRT and Department of Health Project Leader have accepted the design.
<p>Z6 – Other Responsibilities</p>	<p>Add the following at the end of core clause 27</p> <ol style="list-style-type: none"> 1. The contractor shall have satisfied himself , prior to the contract date, as to the completeness, sufficiency and accuracy of all the information and drawing provided to him as at the contract date. 2. The contractor shall be responsible for the correct setting out of the works in accordance with the original points, lines, levels stated in the scope or notified by the Project Manager, Supervisor or the Employer. Any errors in the positioning of the works shall be rectified by the Contractor at the Contractor’s own costs.
<p>Z7 – Acceleration</p>	<p>Amend core clause 36.1 to read as follows:</p> <ol style="list-style-type: none"> 1. The Project manager upon approval by the Department of Health Project Leader may instruct the contractor to submit a quotation for an acceleration to achieve completion before the Completion Date. The Project Manager states changes to the Key Dates to be included in the quotation. A quotation for the acceleration comprises proposed changes to the Prices and a revised programme showing the earlier Completion Date and the changed Key Dates. The Contractor submits details of his assessment with each quotation.
<p>Z8 – Uncorrected Defects</p>	<p>Add the following at the end of core clause 46:</p> <ol style="list-style-type: none"> 1. If the Employer cannot use the works due to the Defect, which arises after completion and before the defects date, the defects date is delayed by a period equal to that during which the Employer , due to a defect, is unable to use the works.

2. If part of the works is replaced due to a defect arising after completion and before the defects date, the defects date for part of the works which is replaced is delayed by the period equal to that between Completion and the date by when the part has been replaced.
3. The project manager notifies the contractor of the change to the defect date when the delay occurs. The period between the completion and an extended defects date does not exceed twice the period between completion and the defects date stated in the contract data.

Z9 – Payment

- Add the following at the end of core clause 51.2:
1. Each certified payment is made within 30 calendar days from the date at which the Employer certifies the payment as being correct or, if a different period is stated in the contract data within the period stated.
 2. Each certified payment is made within 30 calendar days of the contractor's invoice date as per the contract data

Z10 – Compensation Events

- Amend the first sentence of the core clause 60.1 sub-clause (1) to read as follows:
1. The project manager, only after applying to and receiving written approval from the Employer (Head of Department: Health), gives an instruction changing the scope.
- Amend the first sentence of the core clause 60.1 sub-clause (13) to read as follows:
2. A weather measurement is recorded at the place as stated in the Contract Data
- Core clause 60.1 sub-clause (15) is to be deleted and replaced with the following:
3. The Project Manager upon approval by the Department of Health and Project Leader certifies takeover of a part of the Works before both Completion and Completion Date.

Z12 – Quotations for Compensation Events

- Amend the first two sentences of core clause 62.3 to read as follows:
1. The Contractor submits a quotation upon three weeks of being instructed to do so by the Project Manager upon approval by the Department of Health Project Leader. The Project Manager with the approval of the Department of Health Project Leader replies within two weeks of the submission

Z13 – Implementing Compensation Events

- Amend core clause 66.1 to read as follows:
1. A compensation event is implemented when
 - the Project Manager upon approval by the Department of Health Project Leader notifies his own assessment or
 - a Contractor quotation is treated as having been accepted by the Project Manager and Department of Health Project Leader

Z14 – Employer's Liabilities

Delete the following from the core clause 80.1:

1. Loss or damage to the Works, Plant and Material due to
 - War, civil war, rebellion, revolution, insurrection, military or usurped power,
 - Strikes, riots and civil commotion not confined to the Contractor's employees or
 - Radioactive contamination.

Z15 – Termination

Add the following to core clause 91.1, at the second main bullet, fifth sub-bullet point, after the words "asset (R9) or":

1. "Business rescue proceedings are initiated or steps are taken to initiate business rescue proceedings"

Amendment to the Secondary Option Clauses

Z16 – Performance Bond

Amend the first sentence of the clause X13.1 to read as follows:

1. The Contractor gives the Employer a performance bond, provided by a bank, accredited financial institution or accredited insurer which the Department of Health has accepted, for the amount stated in the contract data and in the form set out in the Scope.

Z17 – Limitation of Liability

Insert the following new clause as Option X18.7:

1. The employer's liability to the contractor for the contractor's indirect or consequential loss is limited to R0.00
2. Notwithstanding any other clause in this contract, any proceeds received from any insurance or any proceeds which would have been received from any insurances but for the conduct of the contractor shall be excluded from the calculation of the limitations of the liability listed in the contract

Additional Z Clauses

Z18 – Cession, delegation and assignment

Insert the following new clause as Option X18.7:

1. The contractor shall not cede, delegate or assign any of its rights or obligations to any person without the written consent of the Employer, which consent shall not be unreasonably withheld. This clause shall be binding on the liquidator/business rescue practitioner/trustee (whether provisional or not) of the contractor.
2. The employer may cede and delegate its rights and obligations under this contract to any person or entity

Z19 – Joint and several liability

1. If the contractor constitutes a joint venture, consortium or other unincorporated grouping of two or more persons, these persons are deemed to be jointly and severally liable to the Employer for the performance of the contractor.
2. The contractor shall, within 1 week of the contract date, notify the Project Manager and the Employer of the key person who has the authority to bind the contractor on their behalf.
3. The contractor does not materially alter the composition of the joint venture, consortium or other unincorporated grouping of the two or more persons without prior written consent of the employer.

Z20 – Ethics

The contractor undertakes:

1. Not to give any offer, payment, consideration, or benefit of any kind, which constitutes or could be construed as an illegal or corrupt practice, either directly or indirectly, as an induced or reward for the award or in execution of this contract.
2. To comply with all laws, regulations or policies relating for the prevention and combating of bribery, corruption and money laundering to which it or the Employer is subject, including but not limited to the Prevention and Combating of Corrupt Activities Act, 12 of 2004.
3. To declare all conflicts of interest to the employer, prior to the contract date or within 1 week of the conflict becoming known, that may exist between the contractor and any of the employers' agents, project's professional team and employees of the employer involved on the project.
4. To not enter into any undertaking and/or agreement which constitutes or could be construed as creating conflict of interest between the contractor and any of the employer's agents, project's professional team and employees of the employer involved on the project during the course of this entire project.
5. The contractor's breach of this clause constitutes grounds for terminating the contractor's obligation to provide the works or taking any other action as appropriate against the contractor (including civil and criminal action). However, lawful inducements and rewards shall not constitute grounds for termination.
6. If the Contractor is found guilty by a competent court, administrative or regulatory body of participating in illegal or corrupt practices, including but not limited to the making of offers (directly or indirectly), payments, gifts, gratuity, commission or benefits of any kind, which are in any way whatsoever in connection with the contract with the Employer, the Employer shall be entitled to terminate the contract in accordance with the procedures stated in core clause 92.2. the amount due on termination is A1.

Z21 – Confidentially

The contractor undertakes:

1. All information obtained in terms of this contract or arising from the implementation of this contract shall be treated as confidential by the Contractor and shall not be used or divulged or published to any person not being a party to this contract, without the prior written consent of the Employer
2. If the Contractor is uncertain about whether any such information is confidential, it is to be regarded as such until otherwise notified by the Employer
3. This undertaking shall not apply to:
 - 3.1. Information disclosed to the employees of the Contractor for the purposes of the implementation of this agreement. The Contractor undertakes to ensure that its employees are aware of the confidential nature of the information so disclosed and that they comply with the provisions of this clause.
 - 3.2. Information which the Contractor is required by law to disclose, provided that the Contractor notifies the Employer prior to disclosure so as to enable the Employer to take the appropriate action to protect such information. The Contractor may disclose such information only to the extent required by law and shall use reasonable efforts to obtain assurances that confidential treatment will be afforded to the information so disclosed.
 - 3.3. Information which at the time of disclosure or thereafter, without default on the part of the Contractor, enters the public domain or to information which was already in the possession of the Contractor at the time of disclosure (evidenced by written records in existence at that time).
 - 3.4. The taking of images (whether photographs, video footage or otherwise) of the works or any portion thereof, in the course of Providing the Works and after Completion, requires the prior written consent of the Project Manager. All rights in and to all such images vests exclusively in the Employer
 - 3.5. The Contractor ensures that all his Subcontractors abide by the undertakings in this clause

Z22 – Employer's step-in rights

1. If the Contractor defaults by failing to comply with his obligations and fails to remedy such default within 2 weeks of the notification of the default by the Project Manager, the Employer, without prejudice to his other rights, powers and remedies under the contract, may remedy the default either himself or procure a third party (including any subcontractor or supplier of the Contractor) to do so on his behalf. The reasonable costs of such remedial works shall be borne by the Contractor
2. The Contractor co-operates with the Employer and facilitates and permits the use of all required information, materials and other matter (including but not limited to documents and all other drawings, CAD materials, data, software, models, plans, designs, programs, diagrams, evaluations,

materials, specifications, schedules, reports, calculations, manuals or other documents or recorded information (electronic or otherwise) which have been or are at any time prepared by or on behalf of the Contractor under the contract or otherwise for and/or in connection with the works) and generally does all things required by the Project Manager to achieve this end.

Z23 – Liens and Encumbrances

1. The Contractor keeps the Equipment used to Provide the Services free of all liens and other encumbrances at all times. The Contractor, vis-a-vis the Employer, waives all and any liens which he may from time to time have, or become entitled to over such Equipment and any part thereof and procures that his Subcontractors similarly, vis-a-vis the Employer, waive all liens they may have or become entitled to over such Equipment from time to time.

Z24 – Intellectual property

1. Intellectual Property (“IP”) rights means all rights in and to any patent, design, copyright, trade mark, trade name, trade secret or other intellectual or industrial property right relating to the Works
2. IP rights remain vested in the originator and shall not be used for any reason whatsoever other than carrying out the works.
3. The Contractor gives the Employer an irrevocable, transferrable, non-exclusive, royalty free licence to use and copy all IP related to the works for the purposes of constructing, repairing, demolishing, operating and maintaining the works
4. The written approval of the Contractor is to be obtained before the Contractor's IP made available to any third party which approval will not be unreasonably withheld or delayed. Prior to making any Contractor's IP available to any third party the Employer shall obtain a written confidentiality undertaking from any such third party on terms no less onerous than the terms the Employer would use to protect its IP
5. The Contractor shall indemnify and hold the Employer harmless against and from any claim alleging an infringement of IP rights (“the claim”), which arises out of or in relation to:
 - 5.1. the Contractor’s design, manufacture, construction or execution of the Works
 - 5.2. the use of the Contractor’s Equipment, or
 - 5.3. the proper use of the Works
6. The Employer shall, at the request and cost of the Contractor, assist in contesting any claim as described in Z14.5 and the Contractor may (at its cost) conduct negotiations for the settlement of the claim, and any litigation or arbitration which may arise from it

Z25 – Notification of a compensation event

1. In clause 61.3, delete the words “unless the event arises from the Project Manager or the Supervisor giving an instruction, issuing a certificate, changing an earlier decision or correcting an assumption”

Z28 – BBEE

1. The Contractor shall be expected to present a compliant BEE Certificate prior to signing the contract. Failure to do adhere to these requirements shall be considered a material breach of the conditions of this Contract, the sanction for which may be a cancellation of this Contract

Z29 – Approvals

1. Notwithstanding any clauses contained within this contract to the contrary, the Head of Department: Health is the sole party that reserves the authority to approve any claims for additional funds, extensions to the contract completion date and all compensation events.
2. It is to be noted that professional fees are to be pro-rated to the value of works executed in the project.

Z30 – Contract Knowledge

1. This project contract is to be administered in conjunction with NEC4 ECC –Option B: Priced Contract with Bill of Quantities clauses so the Contracting parties are to familiarize themselves with this contract.

Annexure A: One-in-ten-year-return weather data

Obtained from SA Weather Bureau

If any one of these *weather measurements* recorded within a calendar month, before the Completion Date for the whole of the *works* and at the place stated in this Contract Data is shown to be more adverse than the amount stated below, then the *Contractor* may notify a compensation event.

Month	Weather measurement				
	Cumulative rainfall (mm)	Number of days with rain more than 10mm	Number of days with min air temp < 0 deg.C	Number of days with snow lying at 08:00 CAT	[Other measurements if applicable]
January	N/A				
February	N/A				
March	N/A				
April	N/A				
May	N/A				
June	N/A				
July	N/A				
August	N/A				
September	N/A				
October	N/A				
November	N/A				
December	N/A				

Only the difference between the more adverse recorded weather and the equivalent measurement given above is taken into account in assessing a compensation event.

Part 2 – Data provided by the Contractor.

Please read both the NEC4 Engineering and Construction Contract (June 2017) and the relevant parts of its User Guide “Preparing an Engineering and Construction Contract” (ECC4-Prep)¹ in order to understand the implications of this Data which the tenderer is required to complete. A discussion about completing the Data is provided on pages 4 to 39 of the User Guide.

The number of the clause which requires the data is shown in the left-hand column for each statement however other clauses may also use the same data.

Boxes like this are used to denote where data is inserted

Where appropriate dashes like this _____ are also used.

Double click on the dash to enter the required data.

In the left-hand column where a note begins, “If _____ ” either complete the data and delete the note if the option applies or delete the note and the rows of data relevant to that note if the option has not been selected.

Completion of the data in full, according to the Options chosen, is essential to create a complete contract.

Data for the Core Clauses

Clause number	Identified statement and data	
10.1	The <i>Contractor</i> is	
	Name	<input style="width: 100%; height: 20px;" type="text"/>
	Address for communications	<input style="width: 100%; height: 20px;" type="text"/>
	Address for electronic communications	<input style="width: 100%; height: 20px;" type="text"/>
11.2(10) & 52.1	The <i>fee percentage</i> is	<input style="width: 40px; height: 20px;" type="text"/> %
11.2(20) & 16.3	The <i>working areas</i> are the Site and	<input style="width: 100%; height: 20px;" type="text"/>
24.1	The <i>key persons</i> are	
	Name (1)	<input style="width: 100%; height: 20px;" type="text"/>
	Job	<input style="width: 100%; height: 20px;" type="text"/>
	Responsibilities	<input style="width: 100%; height: 20px;" type="text"/>
	Qualifications	<input style="width: 100%; height: 20px;" type="text"/>
	Experience	<input style="width: 100%; height: 20px;" type="text"/>

Name (2)
Job
Responsibilities
Qualifications
Experience

11.2(8)

The following matters will be included in the Early Warning Register:

--

If the *Contractor* is to provide Scope for its design

11.2(16) and 21.1

The Scope provided by the *Contractor* for its design is in

--

If a programme is to be identified in the Contract Data

31.1

The programme identified in Contract Data is

--

If the *Contractor* is to decide the *completion date* for the whole of the *works*

11.2(3)

The *completion date* for the whole of the *works*

--

Data for the main Option clauses

Clause number

Identified statement and data

Option B priced contract with provisional bill of quantities

11.2(22)

The provisional *bill of quantities* is in

--

The tendered total of the Prices excluding VAT is

--

Data for resolving and avoiding disputes.

Option W1

W1.1(1)

The *Senior Representatives* of the *Contractor* are

Name (1)

Address for communications

Address for electronic communications

Name (2)

Address for communications

Address for electronic communications

Option W3 and the number of members of the Dispute Avoidance Board is three

W3.1(1) and W3.1(2)

The *Contractor's* nomination for the Dispute Avoidance Board is

Name

Address for communications

Address for electronic communication

Data for the secondary Option clauses

Clause number

Identified statement and data

X10 Information modelling

If an *information execution plan* is to be identified in the Contract Data

The *information execution plan* identified in the Contract Data is in

--

Data for Short Schedule of Cost Components (only used with Options A or B otherwise delete)

11.2(28) and SSCC 11 The *people rates* are

Category of person	unit	rate

SSCC 21 The published list of Equipment is the edition current at the Contract Date of the list published by

The percentage for adjustment for Equipment in the published list is

	% (state plus or minus)

SSCC 22 The rates for other Equipment are

Equipment	rate

SSCC 61 The rates for Defined Cost of manufacture and fabrication outside the Working Areas by the *Contractor* are

Category of person	rate

SSCC 71 The rates for Defined Cost of design outside the Working Areas are

Category of person	rate

SSCC 72

The categories of design people whose travelling expenses to and from the Working Areas are included in Defined Cost are

--

C1.3 - FORM OF GUARANTEE

C1.3 Forms of Securities

Pro formas for Bonds & Guarantees for use with the NEC4 Engineering & Construction Contract (ECC4)

[Note to contract compiler:

Once it has been decided which securities are required for this contract delete from this file the ones not required, revise the notes below accordingly and delete this note.]

The *conditions of contract* stated in the Contract Data Part 1 include the following secondary Options:

Option X4: Ultimate holding company guarantee.
Option X13: Performance bond
Option X14: Advanced payment to the *Contractor*

Each of these secondary Options requires a bond or guarantee “in the form set out in the Scope”. Pro forma documents for these bonds and guarantees are provided here for convenience but are to be treated as part of the Scope.

Option X16: Retention (not used with Option F)

The *Contractor* may provide a retention bond in the form stated here. In terms of clause X16.3 any amount retained after the *Contractor* gives the *Client* a retention bond is paid to the *Contractor* in the next assessment.

The organisation providing the bond or guarantee does so by copying the pro forma document onto its letterhead without any change to the text or format and completing the required details. The completed document is then given to the *Client* within the time stated in the contract.

If secondary Option X4 is chosen

Pro forma: Ultimate holding company guarantee for use with secondary Option X4
(to be reproduced exactly as shown below on the letterhead of the Contractor's ultimate holding company)

KZN Department of Health Private Bag x 9051 Pietermaritzburg 3201	Date:	
--	-------	--

Dear Sirs,

Ultimate holding company guarantee for Contract No _____

With reference to the above numbered contract made or to be made between

{Insert registered name and address of the <i>Client</i> }	(the <i>Client</i>) and
{Insert registered name and address of the <i>Contractor</i> }	(the <i>Contractor</i>), for
{Insert details of the <i>works</i> from the Contract Data}	(the <i>works</i>).

I/We the undersigned
 on behalf of the *Contractor's*
 ultimate holding company
 (name)
 of physical address

and duly authorised thereto do hereby unconditionally guarantee to the *Client* that the *Contractor* shall Provide the Works in accordance with the above numbered Contract.

1. If for any reason the *Contractor* fails to Provide the Works, we hereby agree to cause to Provide the Works at no additional cost to the *Client*.
2. If we fail to comply with the terms of this Deed of Guarantee, the *Client* may itself procure such performance (whether or not the Agreement be formally determined). The *Client* is to notify us and we shall indemnify the *Client* for any additional cost or expense it incurs.
3. Our liability shall be as primary obligor and not merely as surety and shall not be impaired or discharged by reason of any arrangement or change in relationship made between the *Contractor* and the *Client* and/or between us and *Contractor*; nor any alteration in the obligations undertaken by the *Contractor* or in the terms of the Agreement; nor any indulgence, failure, delay by you as to any matter; nor any dissolution or liquidation or such other analogous event of the *Contractor*.
4. The *Client* shall not be obliged before taking steps to enforce the terms of this Deed of Guarantee to obtain judgement against the *Contractor* in any court or other tribunal, to make or file any claim in liquidation (or analogous proceedings) or to seek any remedy or proceed first against the *Contractor*.

5. This Deed of Guarantee shall be governed by and construed in accordance with the laws of the Republic of South Africa and we hereby submit to the non-exclusive jurisdiction of the Supreme Court of South Africa.

Signed at on this day of 20__

Signature(s)		
Name(s) (printed)		
Position in ultimate holding company		
Signature of Witness(s)		
Name(s) (printed)		

If secondary Option X13 is chosen:

Pro forma Performance Bond – Demand Guarantee (for use with Option X13)

(to be reproduced exactly as shown below on the letterhead of the Bank providing the Guarantee)

KZN Department of Health Private Bag x 9051 Pietermaritzburg 3201	Reference No. _____ Date: _____	_____ _____
--	--	--------------------

Dear Sirs,

Performance Bond – Demand Guarantee for [insert name of Contractor] required in terms of contract [insert Contractor’s contract reference number or title]

1. In this Guarantee the following words and expressions shall have the following meanings: -

1.1 “Bank” means	_____ Branch, Registration No. _____
1.2 “Bank’s Address” means	_____
1.3 “Contract” means	the written agreement relating to the project works, entered into between the Client and the Contractor, on or about the _____ day of _____ 20____ (Contract Reference No. _____) as amended, varied, restated, novated or substituted from time to time;
1.4 “Contractor” means	_____ a company registered in accordance with the laws of _____ under Registration No _____ .
1.5 “Client” means	_____ a company registered in accordance with the laws of the Republic of South Africa under Registration Number _____
1.6 “Expiry Date” means	the date on which the Defects Certificate (as defined in the Contract) is due to be issued in terms of the Contract.
1.7 “Guaranteed Sum” means	the sum of R_____, (_____ Rand)
1.8 “Project” means	_____

2. At the instance of the Contractor, we the undersigned _____ and _____, in our respective capacities as _____ and _____ of the Bank, and duly authorized thereto, confirm that we hold the Guaranteed Sum at the disposal of the Client as security for the proper performance by the Contractor of all of its obligations in terms of and arising from the Contract and hereby undertake to pay to the Client, on written demand from the Client received prior to the Expiry Date, any sum or sums not exceeding in total the Guaranteed Sum.

3. A demand for payment under this guarantee shall be made in writing at the Bank’s address and shall:

- be signed on behalf of the Client by a director of the Client;
- state the amount claimed (“the Demand Amount”);
- state that the Demand Amount is payable to the Client in the circumstances contemplated in the Contract.

4. Notwithstanding the reference herein to the Contract the liability of the Bank in terms hereof is as principal and not as surety and the Bank’s obligation/s to make payment:

- is and shall be absolute provided demand is made in terms of this bond in all circumstances; and
- is not, and shall not be construed to be, accessory or collateral on any basis whatsoever.

5. The Bank's obligations in terms of this Guarantee:

- shall be restricted to the payment of money only and shall be limited to the maximum of the Guaranteed Sum; and
- shall not be discharged and compliance with any demand for payment received by the Bank in terms hereof shall not be delayed, by the fact that a dispute may exist between the Client and the Contractor.

6. The Client shall be entitled to arrange its affairs with the Contractor in any manner which it sees fit, without advising us and without affecting our liability under this Guarantee. This includes, without limitation, any extensions, indulgences, release or compromise granted to the Contractor or any variation under or to the Contract.

7. Should the Client cede its rights against the Contractor to a third party where such cession is permitted under the Contract, then the Client shall be entitled to cede to such third party the rights of the Client under this Guarantee on written notification to the Bank of such cession.

8. This Guarantee:

- shall expire on the Expiry Date until which time it is irrevocable;
- is, save as provided for in 7 above, personal to the Client and is neither negotiable nor transferable;
- shall be returned to the Bank upon the earlier of payment of the full Guaranteed Sum or expiry hereof;
- shall be regarded as a liquid document for the purpose of obtaining a court order; and
- shall be governed by and construed in accordance with the law of the Republic of South Africa and shall be subject to the jurisdiction of the Courts of the Republic of South Africa.
- will be invalid and unenforceable if any claim which arises or demand for payment is received after the Expiry Date.

9. The Bank chooses domicilium citandi et executandi for all purposes in connection with this Guarantee at the Bank's Address.

Signed at on this day of 20__

For and on behalf of the Bank

Bank Signatories(s)		
Name(s) (printed)		
Witness(s)		
Bank's seal or stamp		

Pro forma advanced payment bond for use when secondary Option X14 is used

(to be reproduced exactly as shown below on the letterhead of the organisation providing the Bond)

KZN Department of Health Private Bag X 9051 Pietermaritzburg 320	Date:	
---	-------	--

Dear Sirs,

Advanced Payment Bond for Contract No.

With reference to the above numbered contract made or to be made between

{Insert registered name and address of <i>Client</i> }	(the <i>Client</i>) and
{Insert registered name and address of the <i>Contractor</i> }	(the <i>Contractor</i>), for
{Insert details of the <i>works</i> from the Contract Data}	(the <i>works</i>).

I/We the undersigned	
on behalf of the Surety	
of physical address	

and duly authorised thereto do hereby bind ourselves as Surety and co-principal debtors in solidum for the due and proper repayment by the *Contractor* to the *Client* of the advanced payment made by the *Client* to the *Contractor* under the Contract, and for all losses and expenses that may be suffered or incurred by the *Client* as a result of non-payment by the *Contractor*, subject to the following conditions

1. The terms *Client*, *Contractor*, and the *works* have the meaning as assigned to them by the *conditions of contract* listed in the Contract Data for the aforesaid Contract.
2. We renounce all benefits from the legal exceptions "Benefit of Excussion and Division", "No value received" "Revision of Accounts", "Cession of Action" and any other exceptions which might or could be pleaded against the validity of this bond, with the meaning and effect of which exceptions we declare ourselves to be fully acquainted.
3. The *Client* has the absolute right to arrange his affairs with the *Contractor* in any manner which the *Client* deems fit and without being advised thereof the Surety shall not have the right to claim its release on account of any conduct alleged to be prejudicial to the Surety. Without derogating from the foregoing compromise, extension of the construction period, indulgence, release or variation of the *Contractor's* obligation shall not affect the validity of this Advance Payment bond.
4. This bond expires on the date when the Surety receives a notice from the *Project Manager* stating that the advanced payment has been repaid to the *Client* in terms of the Contract, or liquidated by deductions from other payments due to the *Contractor*.
5. The amount of the bond shall be payable to the *Client* upon the *Client's* demand and no later than 7 days following the submission to the Surety of a certificate signed by the *Project Manager* stating the amount of the *Client's* losses, damages and expenses incurred as a result of the non-performance aforesaid. The signed certificate shall be deemed to be conclusive proof of the extent of the *Client's* loss, damage and expense.

- 6. Our total liability hereunder shall not exceed the sum of ._____ (R ._____) which is equal to the advance payment.
- 7. This Advanced Payment Bond is neither negotiable nor transferable and is governed by the laws of the Republic of South Africa.

Signed at on this day of 20__

Signature(s)	<input type="text"/>	<input type="text"/>
Name(s) (printed)	<input type="text"/>	<input type="text"/>
Position in Surety company	<input type="text"/>	<input type="text"/>
Signature of Witness(s)	<input type="text"/>	<input type="text"/>
Name(s) (printed)	<input type="text"/>	<input type="text"/>

Pro forma retention bond (may be used when Option X16 applies)

(to be reproduced exactly as shown below on the letterhead of the Bank providing the Guarantee)

KZN Department of Health Private Bag x 9051 Pietermaritzburg 3201	Bank reference no. Date:	
--	---------------------------------	--

Dear Sirs

Retention bond for Contractor _____ (name)

Project _____ Contract Reference _____

1. In this Guarantee the following words and expressions shall have the following meanings:-

1.1 "Bank" means	_____ Branch, Registration No. _____
1.2 "Bank's Address" means	
1.3 "Contract" means	the written agreement relating to the project works, entered into between the Client and the Contractor, on or about the _____ day of _____ 20____ (Contract Reference No. _____) as amended, varied, restated, novated or substituted from time to time;
1.4 "Contractor" means	_____ a company registered in accordance with the laws of _____ under Registration No _____ .
1.5 "Client" means	_____ a company registered in accordance with the laws of the Republic of South Africa under Registration Number _____
1.6 "Expiry Date" means	the date on which the Defects Certificate (as defined in the Contract) is due to be issued in terms of the Contract.
1.7 "Guaranteed Sum" means	the sum of R_____, (_____ Rand)
1.8 "Project" means	_____

2. At the instance of the Contractor, we the undersigned _____ and _____, in our respective capacities as _____ and _____ of the Bank, and duly authorized thereto, confirm that we hold the Guaranteed Sum at the disposal of the Client as security for the proper performance by the Contractor of all of its obligations in terms of and arising from the Contract and hereby undertake to pay to the Client, on written demand from the Client received prior to the Expiry Date, any sum or sums not exceeding in total the Guaranteed Sum.

3. A demand for payment under this guarantee shall be made in writing at the Bank's address and shall:

- be signed on behalf of the Client by a director of the Client;
- state the amount claimed ("the Demand Amount");
- state that the Contractor has failed to carry out its obligation(s) to rectify certain defect(s) for which it is responsible under the Contract (and the nature of such defect(s)) alternatively that the Demand Amount is payable to the Client in the circumstances contemplated in the Contract.

4. Notwithstanding the reference herein to the Contract the liability of the Bank in terms hereof is as principal and not as surety and the Bank's obligation/s to make payment:

- is and shall be absolute provided demand is made in terms of this bond in all circumstances; and
- is not, and shall not be construed to be, accessory or collateral on any basis whatsoever.

5. The Bank's obligations in terms of this Guarantee:

- shall be restricted to the payment of money only and shall be limited to the maximum of the Guaranteed Sum; and
 - shall not be discharged and compliance with any demand for payment received by the Bank in terms hereof shall not be delayed, by the fact that a dispute may exist between the Client and the Contractor.
6. The Client shall be entitled to arrange its affairs with the Contractor in any manner which it sees fit, without advising us and without affecting our liability under this Guarantee. This includes, without limitation, any extensions, indulgences, release or compromise granted to the Contractor or any variation under or to the Contract.
7. Should the Client cede its rights against the Contractor to a third party where such cession is permitted under the Contract, then the Client shall be entitled to cede to such third party the rights of the Client under this Guarantee on written notification to the Bank of such cession.
8. This Guarantee:
- shall expire on the Expiry Date until which time it is irrevocable;
 - is, save as provided for in 7 above, personal to the Client and is neither negotiable nor transferable;
 - shall be returned to the Bank upon the earlier of payment of the full Guaranteed Sum or expiry hereof;
 - shall be regarded as a liquid document for the purpose of obtaining a court order; and
 - shall be governed by and construed in accordance with the law of the Republic of South Africa and shall be subject to the jurisdiction of the Courts of the Republic of South Africa.
 - will be invalid and unenforceable if any claim which arises or demand for payment is received after the Expiry Date.
9. The Bank chooses domicilium citandi et executandi for all purposes in connection with this Guarantee at the Bank's Address.

Signed at on this day of 20__

For and on behalf of the Bank

Bank Signatories(s)	<input type="text"/>	<input type="text"/>
Name(s) (printed)	<input type="text"/>	<input type="text"/>
Witness(s)	<input type="text"/>	<input type="text"/>
Bank's seal or stamp	<input type="text"/>	<input type="text"/>

Part C2 Pricing Data

C2.1 Pricing assumptions Option B

How work is priced and assessed for payment

Clause 11 in NEC4 Engineering and Construction Contract (ECC4) Option B states:

Identified and defined terms	11	
	11.2	(22) The Provisional Bill of Quantities is the <i>bill of quantities</i> unless later changed in accordance with these <i>conditions of contract</i> .
		(30) The Price for Work Done to Date is the total of
		<ul style="list-style-type: none">• the quantity of the work which the <i>Contractor</i> has completed for each item in the Bill of Quantities multiplied by the rate and• a proportion of each lump sum which is the proportion of the work covered by the item which the <i>Contractor</i> has completed.
		Completed work is work which is without notified Defects the correction of which will delay following work.
		(33) The Prices are the lump sums and the amounts obtained by multiplying the rates by the quantities for the items in the Bill of Quantities. It is to be noted that professional fees are to be pro-rated to the value of works executed in the project.

This confirms that Option B is a re-measurement contract and the Bill comprises only items measured using quantities and rates or stated as lump sums. Value related items are not used. Time related items are items measured using rates where the rate is a unit of time.

Function of the Bill of Quantities

Clause 56.1 in Option B states, "Information in the Bill of Quantities is not Scope or Site Information". This confirms that specifications and descriptions of the work or any constraints on how it is to be done are not included in the Bill, but in the Scope. This is further confirmed by Clause 20.1 which states, "The *Contractor* Provides the Works in accordance with the Scope". Hence the *Contractor* does **not** Provide the Works in accordance with the Bill of Quantities. The Bill of Quantities is only a pricing document.

Guidance before pricing and measuring

Clients preparing tenders or contract documents, and tendering contractors are advised to consult page 85 of the "NEC4 User Guide, Preparing an Engineering and Construction Contract" before preparing the *bill of quantities* or before entering rates and lump sums into the *bill*.

There is no general provision in Option B for payment for materials on Site before incorporation into the *works*. If secondary Option X14 Advanced payment has not been used then the tendering contractor may obtain the same effect by inserting appropriate items in the method related charges where the *method of measurement* allows, or alternatively making allowance in the rates of the *bill of quantities* for the financing of Plant and Materials until they are incorporated in the *works*.

When compensation events arise, the default position is that the Bill of Quantities is not used to calculate the cost effect of the event. Defined Cost and the resulting Fee is used and Defined Cost includes all components of cost which the *Contractor* is likely to incur, including so called P & G items. Rates and lump sums from the Bill of Quantities, or from any other source, may be used instead of Defined Cost and the Fee only if the *Contractor* and *Project Manager* agree. If they are unable to agree, then Defined Cost plus Fee is used.

Measurement and payment

Symbols

The units of measurement described in the Bill of Quantities are metric units abbreviated as follows:
[add or delete as required]

Abbreviation	Unit
%	percent
h	hour
ha	hectare
kg	kilogram
kl	kilolitre
km	kilometre
km-pass	kilometre-pass
kPa	kilopascal
kW	kilowatt
l	litre
m	metre
mm	millimetre
m ²	square metre
m ² -pass	square metre pass
m ³	cubic metre
m ³ -km	cubic metre-kilometre
MN	meganewton
MN.m	meganewton-metre
MPa	megapascal
No.	number
sum	Lump sum
t	tonne (1000kg)

General assumptions

- Unless otherwise stated, items are measured net in accordance with the drawings, and no allowance has been made in the quantities for waste.
- The Prices and rates stated for each item in the Bill of Quantities are treated as being fully inclusive of all work, risks, liabilities, obligations, overheads, profit and everything necessary as incurred or required by the *Contractor* in carrying out or providing that item.
- An item against which no Price is entered will be treated as covered by other Prices or rates in the *bill of quantities*.
- The quantities contained in the Bill of Quantities may not be final and do not necessarily represent the actual amount of work to be done. The quantities of work assessed and certified for payment by the *Project Manager* at each assessment date will be used for determining payments due.
- The short descriptions of the items of payment given in the provisional *bill of quantities* are only for the purposes of identifying the items. Detail regarding the extent of the work entailed under each item is provided in the Scope.

Scale

The scale to which the Drawings are made is only to be made use of when no figured dimensions are given either on the Drawings or in the tender documents and the figured dimensions are always to be followed though they may not coincide with the scale of the Drawings, but dimensions where possible are to be taken from the buildings.

Provisional Items

All items described as "Provisional" shall be used as directed by the Employer and measured and valued or paid for.

No work for which "Provisional" items are allowed shall be commenced without written instructions from the Head of Department: Health.

Timely ordering of material

The Contractor is warned to place all orders for materials or special articles as early as possible, as he will be held solely responsible for any delay in the delivery of such goods. Nevertheless this tender is conditional upon no liability being attached to the Contractor if delivery of materials is rendered impossible by reason of any act of the Government.

Electrical Lighting, Power and Water Requirements

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

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

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

Import Permits, Duties and Surcharges

All tenders by means of which imported products are being called for, must use the rate of exchange 14 days prior to the closing date indicated in the tender documents. If this day falls on a weekend or public holiday, the next working day must be used.

Furthermore, Tenderers must submit documentary proof (in the form of a certified copy) from their bank or legally recognised financial institution, clearly indicating what the rate of exchange was 14 days prior to the closing date, as mentioned above.

Together with this, the Tenderer must confirm that the tender price relating to an imported product, was based on the rate of exchange 14 days prior to the closing date as mentioned above.

Pricing of Rock Excavations

It is a condition of this tender that should the tenderer elect to price the Rock Excavation included in this tender, the rates must be market related and should be identically priced for the same classification of excavations and not vary for similar billed items in the different sections.

Broad Based Black Economic Empowerment

1. It is the deliberate policy of the Provincial Administration of KwaZulu-Natal to foster and to encourage the economic empowerment of Black South Africans. This policy will be implemented without prescription and without prejudicing the principles and the integrity of the Provincial Administration of KwaZulu-Natal. Subject to these constraints and also subject to good business practise and commercial consideration, it is therefore considered appropriate that the Provincial Administration of KwaZulu-Natal should encourage business relationships with companies which actively pursue Affirmative Action and Black Economic Empowerment Programmes.

2. In responding to this tender you are therefore encouraged to devote attention to these two subjects of Affirmative Action and Economic Empowerment. In addition, in considering the appointment of sub-contractors, you are requested to extend the spirit of these policies.

3. The foregoing enunciations of this policy are not intended to be prescriptive nor to preclude any individual or operation from responding to this tender.

Registration on the Central Suppliers Database

1. In terms of the Public Finance Management Act (PFMA), 1999 (Act No 1 of 1999) Section 38 (1) (a) (iii) and 51 (1) (iii) and Section 76 (4) of PFMA National Treasury developed a single platform, The Central Supplier Database (CSD) for the registration of prospective suppliers including the verification functionality of key supplier information.

2. Prospective suppliers will be able to self - register on the CSD website: www.csd.gov.za

3. Once the supplier information has been verified with external data sources by National Treasury a unique supplier number and security code will be allocated and communicated to the supplier. Suppliers will be required to keep their data updated regularly and should confirm at least once a year that their data is still current and updated.

4. Suppliers can provide their CSD supplier number and unique security code to organs of state to view their verified CSD information.

5 Tenderers are required to fill in clearly, legibly, in bold print and black ink their CSD supplier number in the space hereunder:

Name of Supplier	
Central Supplier Database (CSD) Supplier Number:	

Bill of Quantities/ Lump sum Document

The Provisional Bills of Quantities document forms part of and must be read and priced in conjunction with all the other documents forming part of the contract documents, the Standard Conditions of Tender, Conditions of Contract, Standard Preambles to all Trades, Specifications, Drawings and all other relevant documentation.

Value Added Tax

The tender price must include for 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.

Fixed Price Contract

"Should the Bills of Quantities/Lump Sum Document be a fixed price contract, the following clause must be inserted in the Pricing Instructions:

Tenderers are to take note that the contract price adjustments are not applicable to this contract. Tenderers should therefore make provision in the Contract Sum, schedule of rates, etc. for possible price increases during the contract period, as no claims in this regard shall be entertained."

C2.2 The *Provisional Bill of Quantities* – Option B

NGWELEZANA - NEW ONCOLOGY CENTRE - PROVISIONAL BILL OF QUANTITIES

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	SECTION 1		-		
	BILL NO.1		-		
	PRELIMINARIES		-		
	SECTION A: NEC 4 ENGINEERING AND CONSTRUCTION CONTRACT		-		
	NOTES		-		
	The agreement is to be the NEC 4 Engineering and Construction Contract June 2017 Edition as amended in the Special Conditions of Contract, shall be applicable to this contract. Tenderers are referred to the above mentioned documents for the full intent and meaning of each clause thereof (hereinafter referred to by heading and clause number only) for which such allowance must be made as may be considered necessary. Where standard clauses or alternatives are not entirely applicable to this contract, such modifications, corrections or supplements as will apply are given under each relevant clause heading. Where any key item is not relevant to this specific contract such item is marked N/A or NOT APPLICABLE.		-		
	CORE CLAUSES		-		
	General	H2	-		
1	Actions (10)	Item	1.00		-
2	Identified and Defined Terms (11)	Item	-		
3	Interpretation and the Law (12)	Item	-		
4	Communications (13)	Item	-		
5	The Contractor (14)	Item	-		
6	Early Warning (15)	Item	-		
7	Contractors Proposal (16)	Item	-		
8	Requirements for Instructions (17)	Item	-		
9	Corrupt Acts (18)	Item	-		
10	Prevention (19)	Item	-		
	The contractor's Main Responsibilities	H2	-		
11	Providing the Works (20)	Item	-		
12	The Contractor's Design (21)	Item	-		
13	Using the Contractor's Design (22)	Item	-		
14	Design of Equipment (23)	Item	-		
15	People (24)	Item	-		
16	Working with the Client and Others (25)	Item	-		
17	Subcontracting (26)	Item	-		
18	Other Responsibilities (27)	Item	-		
19	Assignment (28)	Item	-		
20	Disclosure (29)	Item	-		
	Time	H2	-		
21	Starting, Completion and Key Dates (30)	Item	-		
22	Programme (31)	Item	-		
23	Revising the Programme (32)	Item	-		
24	Access to and use of the Site (33)	Item	-		
25	Instructions to Stop or not to Start Work (34)	Item	-		
26	Take Over (35)	Item	-		
27	Acceleration (36)	Item	-		
	Quality Management	H2	-		

28	Quality Management System (40)	Item	-		
29	Test and Inspections (41)	Item	-		
30	Testing and Inspection before Delivery (42)	Item	-		
31	Searching for and Notifying Defects (43)	Item	-		
32	Correcting Defects (44)	Item	-		
33	Accepting Defects (45)	Item	-		
34	Uncorrected Defects (46)	Item	-		
	Payment	H2	-		
35	Assessing the Amount of Due (50)	Item	-		
36	Payment (51)	Item	-		
37	Defined Cost (52)	Item	-		
38	Final Assessment (53)	Item	-		
	Compensation Events	H2	-		
39	Compensation Events (60)	Item	-		
40	Notifying Compensation Events (61)	Item	-		
41	Quotations for Compensation Events (62)	Item	-		
42	Assessing Compensation Events (63)	Item	-		
43	The Contractor's Assessments (64)	Item	-		
44	Proposed Instructions (65)	Item	-		
45	Implementing Compensation Events (66)	Item	-		
	Title	H2	-		
46	The Contractor's Title to Plant and Materials (70)	Item	-		
47	Marking Equipment, Plant and Materials Outside the Working Areas (71)	Item	-		
48	Removing Equipment (72)	Item	-		
49	Objects and Materials within the Site (73)	Item	-		
50	The Contractor's use of Material (74)	Item	-		
	Liabilities and Insurance	H2	-		
51	Client's Liabilities (80)	Item	-		
52	Contractor's Liabilities (81)	Item	-		
53	Recovery of Costs (82)	Item	-		
54	Insurance Cover (83)	Item	-		
55	Insurance Policies (84)	Item	-		
56	If the Contractor does not Insure (85)	Item	-		
57	Insurance by the Client (86)	Item	-		
	Termination	H2	-		
58	Termination (90)	Item	-		
59	Reasons for Termination (91)	Item	-		
60	Procedures on Termination (92)	Item	-		
61	Payment on Termination (93)	Item	-		
	MAIN OPTION CLAUSES	H2	-		
	Option B: Priced Contract with Bill of Quantities	H2	-		
62	Identified and Defined Terms (11)	Item	-		
63	The Bill of Quantities (56)	Item	-		
64	Compensation Events (60)	Item	-		

65	Assessing Compensation Events (63)	Item	-
	SECTION B: SPECIFIC PRELIMINARIES	H2	-
	Secondary Option Clauses	H2	-
66	Price Adjustment for Inflation (X1)	Item	-
67	Changes in the Law (X2)	Item	-
68	Multiple Currencies (X3)	Item	-
69	Sectional Completion (X5)	Item	-
70	Bonus for Early Completion (X6)	Item	-
71	Delay Damages (X7)	Item	-
72	Information Modelling (X10)	Item	-
73	Termination by the Client (X11)	Item	-
74	Performance Bond (X13)	Item	-
75	Advance Payment to the Contractor (X14)	Item	-
76	Contractor Design (X15)	Item	-
77	Retention (X16)	Item	-
78	Low Performance Damages (X17)	Item	-
79	Limitation of Liability (X18)	Item	-
80	Key Performance Indicators (X20)	Item	-
	Additional Conditions of Contract	H2	-
81	Tax Invoices (Z1)	Item	-
82	Selection and Appointment of the Adjudicator (Z2)	Item	-
83	Acts or Omissions by Mandatories (Z3)	Item	-
84	Notification of a Compensation Event (Z4)	Item	-
85	Take Over (Z5)	Item	-
86	Corrupt Acts (Z6)	Item	-
87	Contract Participation Goal (Z7)	Item	-
88	Employment of Local Labour (Z8)	Item	-
89	Non-Exclusive Appointment (Z9)	Item	-
90	Other (Z11)	Item	-
	Contract Data	H2	-
91	Data provided by the Client	Item	-
92	Data provided by the Contractor	Item	-
	SECTION C: SPECIFIC PRELIMINARIES	H2	-
	GENERAL	H2	-
93	Allow for watering the works by spraying to prevent any nuisance from dust, etc. and supply and erect and remove at completion all temporary dust screens, etc. required.	Item	-

			-	
SECTION NO. 2			-	
BILL NO. 1			-	
DEMOLITIONS OF EXISTING LAUNDRY			-	
ALTERATIONS			-	
PREAMBLES			-	
Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades			-	
View site	H4		-	
Before submitting his tender the tenderer 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 salvageable from the alterations. 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			-	
Explosives	H4		-	
No explosives whatsoever may be used for alteration purposes unless otherwise stated			-	
General	H4		-	
REMOVAL OF EXISTING WORK	H2		-	
Breaking up and removing reinforced concrete, including cutting off and removing reinforcement	H4		-	
1 Beams	m3		3.00	-
2 Columns	m3		1.00	-
Breaking down and removing brickwork etc	H4		-	
3 One brick walls	m2		101.00	-
Taking down and removing roofs, floors, panelling, ceilings, partitions	H4		-	
4 Corrugated sheet steel roof covering and timber purlins	m2		104.00	-
5 Side Cladding	m2		4.00	-
Taking out/off and removing sundry metalwork	H4		-	
6 Existing double gate	No		1.00	-
CUTTING THROUGH FLOORS	H2		-	
Cutting through:	H4		-	
7 Concrete surface bed for footing and bases and making good concrete on both sides of new one brick walls (Making good of surface bed measured else where)	m3		5.00	-
EARTHWORKS	H1		-	
PREAMBLES	H2		-	
The contractor is referred to the General Preambles for Trades 2017 published by the Association of South African Quantity Surveyors before pricing this bill.			-	
SUPPLEMENTARY PREAMBLES	H2		-	
Nature of ground	H3		-	
A soils investigation has been carried out on site by the engineer and the report is annexed to these bills of quantities. Descriptions of excavations shall be deemed to include all ground conditions classifiable as "earth" described in the above report and where conditions of a more difficult character are indicated these are separately measured.			-	
Carting away of excavated material	H3		-	
Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site.			-	
Filling	H3		-	

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

Trade names

H3

Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior written approval from the Project Manager.

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	Excavations in conditions other than earth	H3	-	
	Should the contractor consider that the excavation at any point are in "soft rock" or "hard rock", he must notify the Principal Agent immediately in order that an inspection may be made and a decision arrived at by the Project Manager as to the category of such excavation. Should the contractor fail to give such notification, the excavation shall be deemed to be in earth and shall be valued accordingly.		-	
	Subterranean water	H3	-	
	The information on subterranean water is included in the soils investigation report and can be viewed at the Engineer's offices.		-	
	EXCAVATION, FILLING, ETC OTHER THAN BULK	H2	-	
	Excavation in earth or compacted filling not exceeding 2m deep	H3	-	
8	Trenches	m3	37.00	-
9	Holes	m3	6.00	-
	Extra over all excavations for carting away	H3	-	
10	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	28.00	-
	Risk of collapse of excavations	H3	-	
11	Sides of trench and hole excavations exceeding 1,5m deep	m2	141.00	-
	Keeping excavations free of water	H3	-	
12	Keeping excavations free of all water other than subterranean water	Item	1.00	-
	FILLING, ETC	H2	-	
	Earth filling obtained from excavations compacted in 150mm layers	H3	-	
13	Backfilling to trenches, holes, etc	m3	15.00	-
	SOIL POISONING	H2	-	
	Soil insecticide under a 10 year guarantee by a firm of specialist	H3	-	
14	To bottoms and sides of trenches, etc	m2	169.00	-
15	Under surface beds	m2	25.00	-
	COMPACTION OF SURFACES	H2	-	
	Compaction of natural or excavated ground surface under floors etc, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 98% Mod AASHTO density	H3	-	
16	Under floors	m2	25.00	-

CONCRETE, FORMWORK AND REINFORCEMENT**PREAMBLES**

The contractor is referred to the General Preambles for Trades 2017 published by the Association of South African Quantity Surveyors before pricing this bill.

REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES**30MPa/19mm concrete in:**

17 Foundations

18 Bases

19 Surface Bed

REINFORCED CONCRETE**30MPa/19mm Concrete in:**

20 Columns in foundations

21 Columns

22 Isolated beams

TEST CUBES

23 Making and testing 150 x 150 x 150mm concrete strength test cube and submit report to the Representative / Agent (only successful tests will be paid for)

CONCRETE SUNDRIES**Finishing top surfaces of concrete smooth with a power float**

24 Surface beds

MOVEMENT JOINTS, ETC**Expansion joints with 10mm bitumen impregnated softboard between vertical concrete and brick surfaces**

25 Not exceeding 300mm wide

SMOOTH FORMWORK (DEGREE OF ACCURACY I)**Smooth formwork to sides**

26 Columns in foundations (Provisional)

27 Columns

Smooth formwork to sides and soffits

28 Isolated beams propped up exceeding 3.5m and not exceeding 5.0m high

REINFORCEMENT (PROVISIONAL)

29 All diameters

Fabric reinforcement

30 Mesh Ref 193 fabric reinforcement in concrete surface beds, etc

H1

H2

H2

H3

m3

m3

m3

H2

H3

m3

m3

m3

H2

No

H2

H3

m2

H2

H3

m

H2

H3

m2

m2

H3

m2

H2

t

H3

m2

-

-

-

-

-

7.00

4.00

4.00

-

-

1.00

5.00

3.00

-

3.00

-

-

25.00

-

-

31.00

-

-

8.00

69.00

-

28.00

-

1.19

-

25.00

-

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	MASONRY	H1	-	
	PREAMBLES	H2	-	
	The contractor is referred to the General Preambles for Trades 2017 published by the Association of South African Quantity Surveyors before pricing this bill.		-	
	SUBSTRUCTURE	H2	-	
	Brickwork in NFP clay bricks (7 Mpa nominal compressive strength) in Class II mortar	H3	-	
31	One brick wall	m2	78.00	-
	SUPERSTRUCTURE	H2	-	
	Brickwork in NFP clay bricks (7 Mpa nominal compressive strength) in Class II mortar	H3	-	
32	One brick walls	m2	175.00	-
	BRICKWORK SUNDRIES	H2	-	
	Brickwork reinforcement	H3	-	
33	150mm Wide reinforcement built in horizontally in foundations	m	305.00	-
34	150mm Wide reinforcement built in horizontally	m	684.00	-
	FACE BRICKWORK	H2	-	
	Approved face bricks pointed with recessed horizontal and vertical joints (Allow PC Amount of R 6 500.00 per thousand delivered to site excluding VAT)	H3	-	
35	One brick wall faced both sides	m2	166.00	-
	WATERPROOFING	H1	-	
	PREAMBLES	H2	-	
	The contractor is referred to the General Preambles for Trades 2017 published by the Association of South African Quantity Surveyors before pricing this bill.		-	
	DAMPPROOFING OF WALLS AND FLOORS	H2	-	
	One layer approved 375 micron embossed black polyethylene damp proof course	H3	-	
36	In walls	m2	14.00	-
	One layer 250 micron green polyethylene waterproof sheeting complying with SABS 952 Type C in widest practicable widths with all joints lapped and sealed with pressure sensitive tape all in strict accordance with the manufacturer's requirements	H3	-	
37	Under surface beds	m2	28.00	-
	JOINT SEALANTS, ETC	H2	-	
	Two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc	H3	-	
38	10 x 25mm In expansion joints in walls including raking out expansion joint filler as necessary	m	31.00	-

			-		
SECTION NO. 2	H1		-		
BILL NO. 2	H1		-		
NEW PREFABRICATED STRUCTURES	H1		-		
PREAMBLES	H2		-		
Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades			-		
PROVISIONAL SUM	H2		-		
New Prefabs and Connections During Constructions	H3		-		
Provide a sum of R 5 000 000.00 (Five Million Rands)for complete installation of Two New Prefab Structure and Connections during construction to be omitted in part or whole as instructed by Principal Agent	Item	1.00	5,000,000.00	5,000,000.00	
2 Profit	Item	1.00			-
3 Attend	Item	1.00			-
			-		
SECTION NO. 2	H1		-		
BILL NO. 3	H1		-		
RELOCATION OF PREFABRICATED STRUCTURES	H1		-		
PREAMBLES	H2		-		
Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades			-		
PROVISIONAL SUMS	H2		-		
Relocation and reconnection of bulk supply service	H3		-		
Provide a sum of R 100 000.00 (One Hundred Thousand Rands)for complete installation of Relocation of existing 2 Prefab facilities and reconnection of bulk supply service be omitted in part or whole as instructed by Principal Agent	Item	1.00	100,000.00	100,000.00	
2 Profit	Item	1.00			-
3 Attend	Item	1.00			-
			-		
Site preparation and levelling for prefabs	H3		-		
Provide a sum of R 70 000.00 (Seventy Thousand Rands)for complete installation of site preparation, levelling of new site for prefab buildings to be omitted in part or whole as instructed by Principal Agent	Item	1.00	70,000.00	70,000.00	
2 Profit	Item	1.00			-
3 Attend	Item	1.00			-
			-		
SECTION NO. 2	H1		-		
BILL NO. 4	H1		-		
REINSTATEMENT OF LAUNDRY	H1		-		
PREAMBLES	H2		-		
Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades			-		
PROVISIONAL SUM	H2		-		
Reinstatement of the Laundry Facility	H3		-		
Provide a sum of R150 000.00 (One Hundred and Fifty Thousand Rands)for complete installation of Reinstatement of Laundry Sorting Out Area to be omitted in part or whole as instructed by Principal Agent	Item	1.00	150,000.00	150,000.00	
2 Profit	Item	1.00			-
3 Attend	Item	1.00			-
			-		
SECTION NO. 2	H1		-		

BILL NO. 5	H1	-		
LAUNDRY CANOPY AND ENCLOSURE	H1	-		
PREAMBLES	H2	-		
Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades		-		
PROVISIONAL SUM	H2	-		
Laundry Canopy and Enclosure	H3	-		
Provide a sum of R100 000.00 (One Hundred Thousand Rands) for complete installation of Canopy and Enclosure of Laundry Sorting Out Area to be omitted in part or whole as instructed by Principal Agent	Item	1.00	100,000.00	100,000.00
1				
2 Profit	Item	1.00		-
3 Attend	Item	1.00		-
		-		
SECTION NO. 2	H1	-		
BILL NO. 6	H1	-		
TEMPORARY PARKING	H1	-		
PREAMBLES	H2	-		
Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades		-		
SITE CLEARANCE, ETC	H2	-		
Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m2	750.00		-
1				
2 Strip topsoil average 100mm deep and dispose off site	m2	750.00		-
COMPACTION OF SURFACES	H3	-		
Compaction of natural or excavated ground surface under floors, etc, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density	m2	750.00		-
3				
FILLING ETC	H3	-		
Crusher Stones	H2	-		
Clean crushed stone of evenly spread	H3	-		
4 50mm Thick on compacted surfaces	m2	750.00		-
		-		
SECTION NO. 2	H1	-		
BILL NO. 6	H1	-		
ACCESS ROAD AND PAVED PATHWAYS	H1	-		
EARTHWORKS	H1	-		
PREAMBLES	H2	-		
Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades		-		
SITE CLEARANCE, ETC	H2	-		
Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m2	3,840.00		-
1				
2 Strip topsoil average 100mm deep and dispose off site	m2	3,840.00		-
EXCAVATION, FILLING, ETC OTHER THAN BULK	H2	-		
EXCAVATIONS	H3	-		
Excavation in compacted earth or fill not exceeding 2m deep	H4	-		
3 Reduced levels	m3	2,920.00		-
Extra over trench and hole excavations in earth for excavation in	H4	-		

4 Soft Rock

m3

292.00

-

5 Hard rock

m3

146.00

-

Extra over all excavations for carting away

H4

-

6 Surplus material from excavations and/or stock piles on site, to a dumping site to be located by the contractor

m3

2,920.00

-

	Keeping excavations free of water	H4	-	
7	Keeping excavations free of all water other than subterranean water	Item	1.00	-
	FILLING	H3	-	
	Sub-base			
	Filling of G5 natural gravel material supplied by the contractor, compacted in 150mm layers to 98% Mod AASHTO density	H4	-	
8	Under roads	m3	262.00	-
	Surface Wearing Course			
	Filling of G4 material from a commercial source supplied by the contractor, compacted in 150mm layers to 98% Mod AASHTO density	H4	-	
9	Under roads	m3	362.00	-
	Compaction of ground surfaces	H4	-	
	Compaction of natural or excavated ground surface under roads, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 98% Mod AASHTO density	m2	3,840.00	-
10				
	Prescribed tests to determine degree of compaction	H4	-	
11	"Modified AASHTO Density" test	No	100.00	-
	PAVED PATHWAYS	H1	-	
	EARTHWORKS	H1	-	
	PREAMBLES	H2	-	
	Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades		-	
	SITE CLEARANCE, ETC	H2	-	
	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m2	300.00	-
1				
2	Strip topsoil average 100mm deep and dispose off site	m2	300.00	-
	EXCAVATION, FILLING, ETC OTHER THAN BULK	H2	-	
	EXCAVATIONS	H3	-	
	Excavation in compacted earth or fill not exceeding 2m deep	H4	-	
3	Reduced levels	m3	30.00	-
	Extra over trench and hole excavations in earth for excavation in	H4	-	
4	Soft Rock	m3	3.00	-
5	Hard rock	m3	1.50	-
	Extra over all excavations for carting away	H4	-	
	Surplus material from excavations and/or stock piles on site, to a dumping site to be located by the contractor	m3	30.00	-
6				
	Keeping excavations free of water	H4	-	
7	Keeping excavations free of all water other than subterranean water	Item	1.00	-
	FILLING	H3	-	
	Sub-grade			
	Filling of G8 material supplied by the contractor, compacted in 150mm layers to 98% Mod AASHTO density (sub-grade)	H4	-	
8	Under pathways	m3	45.00	-
	Sub-base			

Filling of G6 material from a commercial source supplied by the contractor, compacted in 150mm layers to 98% Mod AASHTO density

H4

-

9 Under pathways

m3

45.00

-

Base Course

Filling of G2 material from a commercial source supplied by the contractor, compacted in 150mm layers to 98% Mod AASHTO density

H4

-

9	Under pathways	m3	45.00	-
	Compaction of ground surfaces	H4	-	
	Compaction of natural or excavated ground surface under roads, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 98% Mod AASHTO density	m2	300.00	-
11	Prescribed tests to determine degree of compaction	H4	-	
12	"Modified AASHTO Density" test	No	50.00	-
	Weedkiller (active ingredients metalaclor 102,8 g/l, terbitilasien 248,6 g/l and atrasion 248,6 g/l) mixed in the proportion of 100 ml weedkiller to 100 l water and applied at a rate of 10 l/m²	H4	-	
13	Under paving etc (Certificate to be provided before payment is made)	m2	300.00	-
	CONCRETE	H1	-	
	PREAMBLES	H2	-	
	Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades		-	
	SMALL CONCRETE WORKS	H2	-	
	25Mpa/19mm Concrete	H2	-	
	200 x 150mm Thick unreinforced concrete edging including excavation, carting away spoil, floating etc.	m	440.00	-
14	PRECAST CONCRETE PAVING BLOCKS	H2	-	
	Paving is to be laid in accordance with SABS 1200M1, SABS 1058 and the Concrete Masonry Association's Specification	H2	-	
	Standard "Grey" or similar approved interlocking roadstone paving on and including 25mm thick layer of river sand with joints filled in with sand, compacted with a vibration roller	H2	-	
15	60mm Paving to pathways	m2	300.00	-
	PRECAST KERBS	H2	-	
	Precast concrete finished smooth on exposed surfaces including bedding, jointing and pointing	H2	-	
	Kerb (SABS 927 figure 10) with unreinforced concrete triangular haunching 150 x 150mm at back of each joint and with cement grouted joints, including excavations, backfilling, etc	m	440.00	-
16				

- 1 Demolitions of Existing Laundry
- 2 New Prefabricated Structures
- 3 Relocation of Prefabricated Structures
- 4 Reinstatement of Laundry
- 5 Laundry Canopy and Enclosure
- 6 Temporary Parking
- 7 Access Road and Paved Pathway

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	SECTION NO. 3	H1	-	
	BILL NO. 1	H1	-	
	EARTHWORKS	H1	-	
	PREAMBLES	H2	-	
	Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades		-	
	EXCAVATION, FILLING, ETC OTHER THAN BULK	H2	-	
	EXCAVATIONS	H3	-	
	Excavation in compacted earth or fill not exceeding 2m deep	H4	-	
1	Trenches	m3	728.00	-
2	Holes including working around piles	m3	416.00	-
	Back excavation of vertical sides of excavations in earth for working space including backfilling compacted to 98% Mod AASHTO density	H3	-	
3	Not exceeding 500mm deep for placing and removing formwork to walls, columns and ground beams etc, 1500mm away from excavated face	m2	101.00	-
	Extra over trench and hole excavations in earth for excavation in	H4	-	
4	Soft Rock	m3	88.00	-
5	Hard rock	m3	44.00	-
	Extra over all excavations for carting away	H4	-	
5	Surplus material from excavations and/or stock piles on site, to a dumping site to be located by the contractor	m3	623.00	-
	Risk of collapse of excavations	H4	-	
6	Sides of trench and hole excavations not exceeding 1,5m deep	m2	2,079.00	-
7	Sides of trench and hole excavations exceeding 1,5m deep	m2	34.00	-
	Keeping excavations free of water	H4	-	
8	Keeping excavations free of all water other than subterranean water	Item	1.00	-
	FILLING	H3	-	
	Earth filling obtained from the excavations and/or prescribed stock piles on site, compacted to 95% Mod AASHTO density	H4	-	
9	Backfilling to trenches and holes	m3	518.00	-
	Filling of G5 natural gravel material supplied by the contractor, compacted in 150mm layers to 98% Mod AASHTO density	H4	-	
10	Under floors	m3	1,042.00	-
	Filling of coarse river sand supplied by the contractor, consolidated	H4	-	
11	Under floors	m3	116.00	-
	Compaction of ground surfaces	H4	-	
12	Compaction of natural or excavated ground surface under floors, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 98% Mod AASHTO density	m2	2,317.00	-
	Prescribed tests to determine degree of compaction	H4	-	
13	"Modified AASHTO Density" test	No	116.00	-
	SOIL POISONING	H2	-	
	Soil insecticide in accordance with SANS 5859	H4	-	
14	Under floors including forming and poisoning shallow furrows against foundation walls, filling in furrows and ramming	m2	2,317.00	-
15	To bottoms and sides of trenches and holes	m2	2,773.00	-
16	Under surface beds	m2	2,317.00	-

SECTION NO. 3	H1	-	
BILL NO. 2	H1	-	
CONCRETE, FORMWORK AND REINFORCEMENT	H1	-	
PREAMBLES	H2	-	
Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades		-	
UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES	H2	-	
10MPa/19mm concrete in:	H4	-	
1 Surface blinding under surface beds	m3	116.00	-
2 Surface blinding under pile caps	m3	22.00	-
3 Surface blinding under ground beams	m3	32.00	-
REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES	H2	-	
25MPa/19mm concrete in:	H4	-	
4 Pile Caps	m3	261.00	-
5 Ground Beams	m3	222.00	-
REINFORCED CONCRETE CAST IN/ON FORMWORK	H2	-	
25MPa/19mm concrete in:	H4	-	
6 Walls in foundations	m3	20.00	-
7 Walls	m3	382.00	-
8 Slabs including beams and inverted beams	m3	3,154.00	-
30MPa/19mm concrete in:	H4	-	
9 Surface beds cast in panels on waterproofing	m3	715.00	-
10 Stairs including landings, beams and inverted beams	m3	47.00	-
40MPa/20mm concrete in:	H4	-	
11 Columns in foundations (Provisional)	m3	3.00	-
12 Columns	m3	4,237.00	-
TEST CUBES	H2	-	
All tests done by the "Ready mix" supplier must be made available free of cost to the Engineer for approval. If the Engineer deems it necessary he will order supplementary tests to be done by an independent laboratory as measured below.		-	
13 Making and testing 150 x 150 x 150mm concrete strength test cube	No	4,389.00	-
CONCRETE SUNDRIES	H2	-	
Stripping back head of concrete pile for a height not exceeding 2m to expose reinforcement, including trimming to defined level and bending reinforcement as necessary for casting into pile cap	H4	-	
14 300mm Diameter piles	No	17.00	-
15 450mm Diameter piles	No	17.00	-
16 600mm Diameter piles	No	17.00	-
Stripping back head of concrete pile for a height exceeding 2m and not exceeding 4m to expose reinforcement, including trimming to defined level and bending reinforcement as necessary for casting into pile cap	H4	-	
17 750mm Diameter piles	No	17.00	-
Finishing top surfaces of concrete smooth with a wood float	H4	-	
18 Surface beds	m2	2,317.00	-
19 Slabs	m2	8,923.00	-

	ROUGH FORMWORK (DEGREE OF ACCURACY II)	H2	-	
	Rough formwork to sides	H4	-	
20	Rectangular columns in foundations	m2	34.00	-
21	Ground beams in foundations	m2	200.00	-
22	Walls in foundations	m2	67.00	-
23	Edges, risers, ends and reveals exceeding 300mm high or wide	m2	100.00	-
24	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	1,903.00	-
25	Sloping and stepped outer edges of stairs not exceeding 300mm high extreme	m	100.00	-
26	Rectangular columns with total height exceeding 3.5m and not exceeding 5.0m above bearing level	m2	18,354.00	-
	SMOOTH FORMWORK (DEGREE OF ACCURACY II)	H2	-	
	Smooth formwork to sides	H4	-	
27	Rectangular columns with total height exceeding 3.5m and not exceeding 5.0m above bearing level	m2	1,209.00	-
28	Walls with total height exceeding 3.5m and not exceeding 5.0m above bearing level	m2	1,272.00	-
29	Inner face of shaft walls (shaft approximately 3300mm x 2535mm internally and total wall height exceeding 25m and not exceeding 30m)	m2	67.00	-
	Smooth formwork to soffits	H4	-	
30	Slabs propped up exceeding 3.5m and not exceeding 5.0m high	m2	8,923.00	-
31	Landings exceeding 250mm and not exceeding 500mm thick	m2	80.00	-
32	Stairs with sloping soffits	m2	100.00	-
	Smooth formwork to sides and soffits	H4	-	
33	Beams propped up exceeding 3.5m and not exceeding 5.0m high	m2	4,560.00	-
	MOVEMENT JOINTS	H2	-	
	Isolation joints with 10mm polystyrene joint filler between vertical concrete and brick surfaces detail	H4	-	
34	Not exceeding 300mm high to edges of surface beds	m	942.00	-
	Saw-cut joints to be cut within 18 to 24 hours after casting concrete detail	H4	-	
35	3 x 35mm Saw-cut joints in top of concrete with the top 15mm increased to 10mm wide	m	941.00	-
	REINFORCEMENT	H2	-	
	Mild steel reinforcement to structural concrete work	H4	-	
36	Varying diameters bars	t	713.63	-
	High tensile steel reinforcement to structural concrete work	H4	-	
37	Varying diameters bars	t	713.63	-
	Fabric reinforcement	H4	-	
38	Ref 245 fabric reinforcement in concrete surface beds	m2	2,317.00	-

SECTION NO. 3	H1	-	
BILL NO. 3	H1	-	
MASONRY	H1	-	
PREAMBLES	H2	-	
Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades		-	
SUPPLEMENTARY PREAMBLES	H2	-	
BRICKWORK	H3	-	
General	H4	-	
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Sizes in descriptions	H4	-	
Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick		-	
BRICKWORK	H2	-	
FOUNDATIONS (PROVISIONAL)	H3	-	
Brickwork of NFX bricks (14 MPa nominal compressive strength) in class I mortar	H4	-	
1 One brick walls	m2	304.00	-
SUPERSTRUCTURE	H3	-	
Brickwork of NFP bricks in class II mortar	H4	-	
2 One brick walls	m2	10,914.00	-
3 Half brick walls in beamfilling	m2	48.00	-
BRICKWORK SUNDRIES	H2	-	
Brickwork reinforcement	H4	-	
4 150mm Wide reinforcement built in horizontally	m	49,871.00	-
Prestressed fabricated concrete lintels including necessary temporary supports	H4	-	
5 110 x 75mm Lintels in lengths not exceeding 3m	m	292.00	-
6 110 x 75mm Lintels in lengths exceeding 3m and not exceeding 4.5m	m	292.00	-
7 220 x 75mm Lintels in lengths not exceeding 3m	m	292.00	-
Turning pieces to lintels	H4	-	
8 160mm Wide turning pieces	m	876.00	-
FACE BRICKWORK	H2	-	
Corobrik Roan Satin FBX clay face bricks or Similar approved pointed with recessed horizontal and vertical joints	H4	-	
9 Extra over brickwork in foundations for face brickwork (Provisional)	m2	304.00	-
10 Extra over brickwork for face brickwork	m2	2,405.00	-
Brick-on-edge header course copings, sills, of Corobrik Roan Satin FBX clay face bricks or Similar approved, pointed with flush joints on all exposed faces	H4	-	
11 Brick-on-edge header course lintel pointed on face and 110mm soffit	m	292.00	-
12 110mm Wide sills set level and slightly projecting	m	292.00	-

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SECTION NO. 3	H1		-	
BILL NO. 4	H1		-	
WATERPROOFING	H1		-	
PREAMBLES	H2		-	
Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades			-	
SUPPLEMENTARY PREAMBLES	H2		-	
General	H4		-	
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DAMPPROOFING OF WALLS AND FLOORS	H2		-	
One layer of 375 micron "Approved DPC" embossed damp proof course	H4		-	
1 In walls	m2		132.00	-
One layer 250 micron green polyethylene waterproof sheeting (SANS 952-1985 type C) sealed at laps with PVC self-adhesive tape	H4		-	
2 Under surface beds	m2		2,317.00	-
WATERPROOFING TO ROOFS ETC	H2		-	
Cementitious waterproofing system (suitable for tiling) comprising primer coat plasticised modified acrylic (PMA) (consisting of 5l PMA, 5 litres water and 16,5kg cement (32,5N), one layer pre-cut polypropylene fabric fully saturated in PMA slurry and two full coats PMA slurry	H4		-	
3 On shower floors	m2		838.50	-
Prime with one coat bitumen primer and one layer 4mm fully bonded waterproof membrane comprising two bitumen layers reinforced with woven spunbonded polyester fabric and coated with polyethylene film for heat bonding, laid with 100mm side and 150mm end laps	H4		-	
4 On flat roofs	m2		1,677.00	-
5 Sealing edges to brickwork or concrete including trowelled mastic bead	m		208.00	-
6 30 x 30mm Triangular fillets	m		208.00	-
Dressing and sealing around pipe not exceeding 100mm external diameter, including additional membrane, gussets, collars, etc	No		208.00	-
Two coats bituminous aluminium paint	H4		-	
8 On waterproofing to roofs	m2		1,677.00	-
JOINT SEALANTS	H2		-	
Two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc	H4		-	
9 10 x 15mm In saw cut joints in floors including raking out expansion joint filler as necessary	m		941.00	-
10 10 x 15mm In isolation joints in floors including raking out expansion joint filler as necessary	m		942.00	-

			-		
SECTION NO. 3	H1		-		
BILL NO. 5	H1		-		
CARPENTRY AND JOINERY	H1		-		
PREAMBLES	H2		-		
Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades			-		
SUPPLEMENTARY PREAMBLES	H2		-		
General	H4		-		
The quantities are provisional and will be re-measured upon completion of the works. The Contractor shall not use these quantities for ordering of materials. The Contractor must immediately notify the Quantity Surveyor if discrepancies are found between the quantities and/or descriptions in these Bills of Quantities and the Contractor's quantities measured from construction drawings and specifications.			-		
DOORS ETC			-		
Solid core flush panel doors with concealed hardwood edge strips with solid chipboard core clad with commercial veneer facing on both sides and hung to steel frames (Steel frames measured elsewhere)			-		
1 44mm Thick single door size 900 x 2032mm high (D01)	No		59.00		-
2 44mm Thick single door size 900 x 2032mm (D03)	No		48.00		-
44mm double door size 1350 x 2032mm high, including 550 x 900mm, 6mm Safety glass panel (D02)	No		34.00		-
3					
4 44mm Thick single door size 1000 x 2032mm high (D07)	No		12.00		-
44mm double door size 1831 x 2032mm high, each leaf including 550 x 900mm, 6mm Safety glass panel (D06)	No		10.00		-
5					
44mm Thick double door size 1500 x 2032mm high, including 650 x 690mm, 6mm Safety glass panel (D09)	No		4.00		-
6					
Extra over timber doors for framed opening for metal louvre unit	H3		-		
7 Extra over for 500 x 400mm framed opening for metal louvre unit (louvre unit elsewhere)	No		96.00		-
Fire masonite door hung to steel frames	H3		-		
8 44mm Door 1200 x 2032mm high, including 220 x 400mm 6mm Safety glass panel (D10)	No		7.00		-
PROVISIONAL SUM	H2		-		
Vanities	H3		-		
Provide a sum of R 126 000.00 (One Hundred and Twenty Six Thousand Rands) for complete installation of vanities to be omitted in part or whole as instructed by Principal Agent	Item		1.00	126,000.00	126,000.00
9					
10 Profit	Item		1.00		-
11 Attend	Item		1.00		-

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SECTION NO. 3	H1		-		
BILL NO 6	H1		-		
CEILINGS, PARTITIONS AND ACCESS FLOORING	H1		-		
PREAMBLES	H2		-		
Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades			-		
SUPPLEMENTARY PREAMBLES	H2		-		
Fixing	H4		-		
Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins, or to be 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 500mm centres, and where described as "bolted", the bolts have been given elsewhere			-		
Ceilings	H4		-		
Unless otherwise described ceilings shall be deemed to be horizontal			-		
Steel components	H4		-		
All steel components for ceilings, partitions, etc are to be galvanised in accordance with SANS 121			-		
SUSPENDED CEILINGS	H2		-		
SUPPLEMENTARY PREAMBLES	H4		-		
Proprietary suspended ceilings	H4		-		
Hangers, suspension grids, "lay-in" panels, are to be in accordance with the manufacturers' recommendations			-		
600 x 600 pre-painted acoustic lay-in tiles on exposed suspension grid system including hangers, necessary hold-down clips and wedge	H4		-		
1 Ceilings suspended not exceeding 1m below concrete soffits	m2		5,531.00	-	
2 Ceilings suspended not exceeding 1m below timber trusses	m2		1,744.00	-	
9.5mm Gypsum plasterboard on screw-up tee suspension grid including hangers , with tape fixed over joints and the whole finished with gypsum plaster trowelled to a smooth polished surface	H4		-		
3 Ceilings suspended not exceeding 1m below concrete soffits	m2		585.00	-	
4 Ceilings suspended not exceeding 1m below timber trusses	m2		218.00	-	
Fibre cement ceiling board on screw-up tee suspension grid including hangers , with tape fixed over joints and the whole finished with gypsum plaster trowelled to a smooth polished surface	H4		-		
5 Ceilings suspended not exceeding 1m below concrete soffits	m2		691.00	-	
6 Ceilings suspended not exceeding 1m below timber trusses	m2		218.00	-	
Cornices, perimeter trims,to suspended ceilings	H4		-		
7 Coved Pre-painted cornices, plugged	m		832.00	-	
8 Polystyrene core coved pre-painted cornices, plugged	m		4,313.00	-	
DRYWALL PARTITIONS	H2		-		
SUPPLEMENTARY PREAMBLES	H4		-		
Unless otherwise described, prices for partitions shall be deemed to include for standard flat section aluminium skirting on boarded sides			-		
Drywalling partitions with 12,5mm thick gypsum plasterboard board cladding on both sides and filled in with 25mm thick glasswool insulation in blanket form with a density of not less than 32kg/m³ completely installed as per architectural specification	H4		-		
9 Partitions 3600mm high with bottom track plugged and top track (2hr fire-rated)	m		220.00	-	
10 Allow a budgetary allowances of R 100 000.00 (One Hundred Thousand Rands) for complete installation of doors to be included under partitions	Item		1.00	100,000.00	100,000.00

	PROVISIONAL SUM	H2	-		
	Toilet Cubicles	H3	-		
11	Provide a sum of R 2 000 000 (Two Million Rands) for complete installation of toilet cubicles to be omitted in part or whole as instructed by Principal Agent	Item	1.00	2,000,000.00	2,000,000.00
10	Profit	Item	1.00		-

11	Attend	Item	1.00	-
	SECTION NO. 3	H1	-	
	BILL NO 7	H1	-	
	FLOOR COVERINGS, WALL LININGS	H1	-	
	PREAMBLES	H2	-	
	Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades		-	
	Fixing	H4	-	
	Floor coverings, wall linings, etc shall, where applicable, be fixed with adhesive as recommended by the manufacturers of the flooring, linings, etc		-	
	FLOOR COVERINGS	H2	-	
	2mm Polyflor SD Group M Homogeneous and monolayer vinyl sheets with static dissipative properties or similar approved laid on screed (screed elsewhere) installed as per the architectural specification	H4	-	
1	On floors	m2	1,482.00	-
	2mm Polyflor palletone SD Homogeneous and monolayer flexible sheets flooring with static dissipative properties or similar approved laid on screed (screed elsewhere) installed as per the architectural specification	H4	-	
2	On floors	m2	1,841.00	-
	2mm Polyflor finesse SD Homogeneous and monolayer flexible sheets flooring with static dissipative properties or similar approved laid on screed (screed elsewhere) installed as per the architectural specification	H4	-	
3	On floors	m2	1,482.00	-
	2mm x 2000mm Polyflor 2000 PUR Homogeneous and monolayer vinyl sheets with PUR polyurethane reinforcement cross linked and UV cured surface treatment or similar approved on screed (screed elsewhere) installed as per the architectural specification	H4	-	
4	On floors	m2	1,482.00	-
	2mm x 2000mm Polyflor Classic PUR Homogeneous and monolayer vinyl sheets with PUR polyurethane reinforcement cross linked and UV cured surface treatment or similar approved on screed (screed elsewhere) installed as per the architectural specification	H4	-	
5	On floors	m2	1,254.00	-
	2mm x 2000mm Polyflor Expona Flow PUR Heterogeneous laminated and monolayer vinyl sheets with PUR polyurethane reinforcement cross linked and UV cured surface treatment or similar approved on screed (screed elsewhere) installed as per the architectural specification	H4	-	
6	On floors	m2	1,482.00	-
	SKIRTINGS, NOSINGS	H2	-	
	Vinyl skirtings, nosings	H4	-	
7	75mm vinyl skirtings with coved at ends	m	4,161.00	-
	POLISH, SEALERS	H2	-	
8	Two coats polish on vinyl flooring	m2	9,021.00	-

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SECTION NO. 3	H1		-	
BILL NO. 8	H1		-	
IRONMONGERY	H1		-	
PREAMBLES	H2		-	
Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades			-	
SUPPLEMENTARY PREAMBLES	H2		-	
General	H4		-	
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Proprietary items	H4		-	
Where applicable the manufacturers' names or product catalogue titles are given in sub-headings preceding the items. Prices are to be based on the specific products/articles specified. If tenderers wish to offer alternative products/articles for certain items, these items are to be clearly marked and the alternative specification given with supporting brochures clarifying the features of the products/articles offered. On request returnable samples are to be provided to the principal agent for consideration			-	
Finishes to ironmongery	H4		-	
Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list: BS Satin bronze lacquered CH Chromium plated SC Satin chromium plated SE Silver enamelled GE Grey enamelled AN Anodised natural AS Anodised silver AB Anodised bronze AG Anodised gold ABL Anodised black PB Polished brass PL Polished and lacquered PT Epoxy coated SD Sanded			-	
BATHROOM FITTINGS	H2		-	
In accordance with Architect's specifications	H4		-	
Toilet paper dispenser	H3		-	
1 Franke Stratos strx 672E or similar approved 1,2/1,5mm thick grade 304 18/10 satin stainless steel recessed toilet roll holder, size 304 x 156 x 140, 7mm deep for 2 rolls maximum 108mm diameter with spindle system and cylinder lock with standard Franke key, plugged and screwed steel screws.	No		47.00	-
soap dispenser	H3		-	
2 Franke Stratos strx 618 or similar approved 1,2/1,5mm Thick Grade 304 x 100 x 134mm Deep stainless steel soap dispenser holder, with replaceable and refillable 1 x litre container, cylinder lock with standard franke key, plugged and screwed to the wall with stainless steel screws	No		79.00	-
Hat and Coat Hook	H3		-	
3 Franke BHM 16 P or similar approved polished stainless steel robe hooks, plugged and screwed to the wall with stainless steel screws	No		39.00	-
Towel Dispenser	H3		-	
4 Franke Stratos strx 611 or similar approved 1,2/1,5mm Thick Grade 18/10 satin stainless steel sanitary towel disposal bins (Code 3359740), size 304 x 205 x 134mm deep with capacity of 6 litres, plugged and screwed to the wall with stainless steel screws	No		62.00	-
Rubbish Bin	H3		-	
5 Circular galvanised wall mounted refuse bag holder, black rubber lid, bungee cord bag clamp, wall mounting point, diameter 445mm x 120mm height	No		62.00	-
grab rails	H3		-	
6 Bathroom butler paraplegic rails dog leg grab rail with 3 supports or similar approved with brushed grade 304 stainless steel finish, overall size 750 x 750mm plugged and screwed to wall with stainless steel screws.	No		26.00	-
7 Bathroom butler paraplegic rails dog leg grab rail with 3 supports or similar approved with brushed grade 304 stainless steel finish, overall size 842mm long, plugged and screwed to wall with stainless steel screws.	No		26.00	-

	BUDGETARY ALLOWANCES	H2	-		
	Ironmongery - Lockset	H3	-		
8	Allow a budgetary allowances of R 200 000.00 for complete installation of Lockset	Item	1.00	200,000.00	200,000.00

			-	
SECTION NO. 3	H1		-	
BILL NO. 9	H1		-	
METALWORK	H1		-	
PREAMBLES	H2		-	
Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades			-	
Note: Tenderers are referred to architect's drawings (window and door schedule) accompanying these bills of quantities, for tender purposes, before pricing. All dimensions to be checked on site prior to construction. Clear silicone joints between window frames and brickwork/concrete. Aluminium frames shall be factory wrapped in protective plastic covering and shall be removed once building works are complete.			-	
PRESSED STEEL DOOR FRAMES	H2		-	
1.6mm thick Purpose made double rebated pressed steel door frame suitable for 115mm wall with 3 stainless steel hinges.	H3		-	
1 Frame for door size 1000 x 2030mm high	No		12.00	-
2 Frame for door size 1200 x 2030mm high	No		7.00	-
3 Frame for door size 1500 x 2030mm high	No		4.00	-
4 Frame for door size 1831 x 2030mm high	No		10.00	-
1.6mm thick Purpose made double rebated pressed steel door frame suitable for 115mm & 230mm wall with 3 stainless steel hinges.	H3		-	
5 Frame for door size 813 x 2030mm high	No		107.00	-
1.6mm thick Purpose made double rebated pressed steel door frame suitable for 230mm brickwall with 3 stainless steel hinges per door.	H3		-	
6 Frame for door size 1350 x 2030mm high	No		34.00	-
Steel door frame	H3		-	
7 Frame for door size 1860 x 2030mm high	No		18.00	-
ALUMINIUM WINDOWS, DOORS, ETC	H2		-	
Natural anodised aluminium frame fixed and top hung window units as per approved system, complete with subframes, ironmongery, doubled glazed obscure 6mm safety glass, sealing, etc and fixing to brickwork or concrete.	H3		-	
8 Purpose made window, 600 x 900mm high (W01)	No		30.00	-
9 Purpose made window, 900 x 1800mm high (W02)	No		6.00	-
10 Purpose made window, 900 x 1200mm high (W03)	No		30.00	-
11 Purpose made window, 2400 x 2400mm high (W04)	No		16.00	-
12 Purpose made window, 1200 x 2400mm high (W05)	No		6.00	-
13 Purpose made window, 2400 x 1800mm high (W06)	No		20.00	-
14 Purpose made window, 2100 x 1800mm high (W07)	No		28.00	-
PERFORATED METAL CLADDING SCREENS	H2		-	
Natural anodised aluminium frame fixed perforated metal cladding screens with 1200mm grids as per approved system, all to architects drawings and specification.	H3		-	
15 Purpose made screen, 33300mm x 6000mm high (C04)	No		2.00	-
16 Purpose made screen, 20100mm x 6000mm high (C05)	No		2.00	-
ALUMINIUM SHOPFRONTS	H2		-	
Natural anodised shopfronts including double glazing, 12mm vision glass complete with subframes, ironmongery, glass, sealing, etc and fixing to brickwork or concrete all to architects drawings and specification.	H3		-	
17 Purpose made shopfront with 2400mm grids, C01, 7200 x 14400mm high	No		3.00	-
18 Purpose made shopfront with 2400mm grids, C01, 16200 x 14400mm high	No		1.00	-
19 Purpose made shopfront with 4800mm grids, C01, 4800 x 4800mm high	No		2.00	-

	ALUMINIUM LOUVRE UNITS	H2	-		
	POWDER COATED HORIZONTAL ALUMINIUM LOUVRE UNITS	H3	-		
	Fixed louvre units screwed into timber doors or frames	H4	-		
20	Purpose made louvre unit for 500 x 400mm high opening	No	96.00		-
	STEEL DOORS	H2	-		
	Allow a PC Sum of R32 000/No for installation of bunkers doors installed as per architectural specification	H3	-		
21	Steel Door	No	3.00		-
	PROVISIONAL SUM	H2	-		
	Balustrading and Handrails	H3	-		
22	Provide the sum of R 800 000.00 for complete installation of Balustrading and Handrails to be omitted in part or whole as instructed by Principal Agent	Item	1.00	800,000.00	800,000.00
23	Profit	Item	1.00		-
24	Attend	Item	1.00		-
25	Allow a budgetary allowances of R 5 500 000.00 for complete installation of structural steelwork	Item	1.00	5,500,000.00	5,500,000.00

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	SECTION NO. 3	H1	-		
	BILL NO. 10	H1	-		
	PLASTERING	H1	-		
	PREAMBLES	H2	-		
	Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades		-		
	SUPPLEMENTARY PREAMBLES	H2	-		
	General	H4	-		
	The relevant SABS standards of work must be applied to all aspects and components of the works		-		
	SCREEDS	H2	-		
	1:3 Cement plaster screeds, steel trowelled on concrete	H4	-		
1	50mm Thick on floors and landings	m2	1,014.00		-
2	30mm Self levelling screed	m2	9,021.00		-
3	Average 50mm thick on roofs with upper surface to falls and currents	m2	2,265.00		-
	INTERNAL PLASTER	H2	-		
	Cement plaster steel trowelled, on brickwork	H4	-		
4	On walls	m2	18,794.00		-
5	On narrow widths not exceeding 300mm wide	m2	50.00		-
	Cement plaster wood floated for tiles, on brickwork	H4	-		
6	On walls	m2	190.00		-
7	On narrow widths not exceeding 300mm wide	m2	50.00		-
	Cement plaster rendering coat with gypsum skim plaster finishing coat, on brickwork	H4	-		
8	On walls	m2	18,794.00		-
9	On narrow widths not exceeding 300mm wide	m2	50.00		-
	Cement plaster rendering coat with gypsum skim plaster finishing coat, on concrete	H4	-		
10	On ceilings	m2	1,276.00		-
	EXTERNAL PLASTER	H2	-		
	Cement plaster wood floated, on brickwork	H4	-		
11	On walls	m2	2,405.00		-
12	On narrow widths not exceeding 300mm wide	m2	50.00		-
	BUDGETARY ALLOWANCES	H2	-		
	Corner protectors and dividing strips	H3	-		
13	Allow a budgetary allowances of R 150 000.00 for complete installation of Corner protectors and dividing strips	Item	1.00	150,000.00	150,000.00

			-	
SECTION NO. 3	H1		-	
BILL NO 11	H1		-	
TILING	H1		-	
PREAMBLES	H2		-	
Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades			-	
WALL TILING	H2		-	
200 x 200 x 10mm porcelain tiles (PC R 300/m²) fixed with adhesive to plaster (plaster elsewhere) and flush pointed with tinted grout	H4		-	
1 On walls in isolated panels, splashbacks, etc not exceeding 1m²	m2		190.00	-
			-	
SECTION NO. 3	H1		-	
BILL NO. 12	H1		-	
PLUMBING AND DRAINAGE	H1		-	
PREAMBLES	H2		-	
Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades			-	
SUPPLEMENTARY PREAMBLES	H2		-	
General	H4		-	
The quantities are provisional and will be re-measured upon completion of the works. The Contractor shall not use these quantities for ordering of materials. The Contractor must immediately notify the Quantity Surveyor if discrepancies are found between the quantities and/or descriptions in these Bills of Quantities and the Contractor's quantities measured from construction drawings and specifications.			-	
WET SERVICES INSTALLATIONS	H2		-	
The installation shall be carried out so as to conceal the drainage pipes where possible. Supply, install, test and commission all the Hot, Cold and Sanitary drainage pipes and installation to conform to SANS 10252			-	
Drainage	H4		-	
110mm diameter pipes fixed to walls in chases, in ceilings or roofs, in columns or slabs, etc or laid in filling in ground including all necessary excavation back filling compaction etc. including making them look good	m		530.00	-
50mm diameter pipes fixed to walls in chases, in ceilings or roofs, in columns or slabs, etc or laid in filling in ground including all necessary excavation back filling compaction etc. including making then look good	m		608.00	-
Extra Over 50mm, 75mm, 110mm diameter pipe for:	H4		-	
3 110mm Pan Connector	No		64.00	-
4 110mm Bends both 90° and 45°	No		146.00	-
5 50mm Bends both 90° and 45°	No		220.00	-
6 110mm Y- junctions	No		16.00	-
7 110mm T- junctions	No		82.00	-
8 50mm T- junctions	No		75.00	-
9 110mm x 110mm x 50mm Reducing junction	No		114.00	-
10 50mm Y- junctions	No		25.00	-
11 110mm Rodding Eye	No		10.00	-
12 110mm IE 90° Bend	No		33.00	-
13 50mm Cleaning Eye	No		51.00	-
14 50mm Shower-trap	No		5.00	-
Domestic Water Supply	H3		-	

	Class "0" hard drawn capillary type copper tubing, straight couplers whether copper to copper or copper to iron are deemed to be running joints and therefore shall be included in the rates for pipes. Include craft type or equal approved brown pipe wrapping for pipes in walls	H4	-	
15	15mm diameter water pipes fixed to walls, ceilings, roofs, columns or slabs, etc.	m	780.00	-
16	22mm diameter water pipes fixed to walls, ceilings, roofs, columns or slabs, etc.	m	76.00	-
17	28mm diameter water pipes fixed to walls, ceilings, roofs, columns or slabs, etc.	m	183.00	-
	Extra Over 15mm, 22mm, 28mm, 35mm, 42mm, 54mm diameter pipe for:	H4	-	
18	15mm	No	945.00	-
19	22mm	No	68.00	-
20	28mm	No	90.00	-
	Domestic Water Supply	H3	-	
	VALSIR/GEBERIT pipe or similar approved HDPE cold water supply pipes with plain ended pipes and all fittings as per the manufactures specifications.	H4	-	
21	50mm diameter pipes fixed to walls in chases, in ceilings, or roofs, in columns or slabs, etc. or laid in filling in ground including all necessary excavation backfilling compaction etc. including making it look good	m	15.00	-
	Extra Over 22mm, 32mm, 40mm, 50mm diameter pipe for:	H4	-	
22	50mm Bend	No	45.00	-
	Accessories	H4	-	
23	15mm Angle Valve c/w flexible connector	No	218.00	-
24	22mm Ball Valve c/w accessories	No	29.00	-
	Hot Water Generation Plant	H3	-	
25	Heat Pump 27kW coming with 2 x circulation pumps and all its piping and lagging	No	2.00	-
26	1000L Hot water tank connected to heat pump	No	2.00	-
27	Hot water system control panel	No	1.00	-
	SANITARY FITTINGS	H2	-	
	Wash hand basin	H3	-	
28	Vaal or similar approved Sanitaryware vitreous china (code 703700) 510 x 400mm semi-rectangular "solar 510" medical wash hand basin with no tapholes, overflow or chainstay hole, colour white. with chrome plated bottle traps as cobra 340.	No	81.00	-
	Sink	H3	-	
29	Dubble single end bowl 1200 x 500mm SEB or similar approved, Grade 18/10 stainless steel drop in sink (Code 706103) fixed in accordance with manufacturer's instructions	No	4.00	-
30	Citimetel wb001 or similar approved single wash hand basin code 32500 of 304 stainless steel, 533mm wide wall	No	1.00	-
31	Similar approved or wall-mounted sluice sink/slop hopper for exposed cisterns.	No	1.00	-
32	Dropon , SEB,1200mmX 535mm or similar approved	No	1.00	-
33	Double bowl catering sink, or similar approved bowl positioned at the end or centre grade 304 stainless steel1,2mm thick with 150mm high integral splash back to the rear and 50x10mm turn down with a beaded edge on the remaining sides.	No	1.00	-
	Water Closet	H3	-	
34	Wall hung 530mm(L) x 355mm (W) x 340mm (H) washdown pan or similar approved with concealed cistern (code 50012461) complete with lid and fitments . Set to be fitted as per manufacturer's instructions.	No	47.00	-
	Urinal	H3	-	
35	Vaal or similar approved sanitary ware 565 x 275 x310mm sweatpear white vitreous china wall mounted back inlet urinal (code:705127) including 38mm chromium plated domical grating (878720) and chromium plated back inlet spreader (code:705422),flush valve,flush pipe and fittings(by others), fixed on and including two hanger brackets (code:812720)	No	7.00	-
	WASTE UNIONS, ETC	H2	-	

36	32mm Chromium plated slotted basin waste union	No	81.00		-
37	38mm Bath or sink waste union	No	8.00		-
	TRAPS ETC	H2	-		
38	40mm brass trap with chromium plated grating	No	13.00		-
39	40mm Rubber deepseal combination "P" trap for single bowl sink.	No	3.00		-
40	40mm Rubber deepseal combination "P" trap for double bowl sink.	No	1.00		-
	TAPS, VALVES, ETC	H2	-		
41	25mm diametre bsp concealed vandal resistant dnr brass toilet flush valve with vr push-button and concealed flush pipes or similar approved	No	36.00		-
42	32mm toilet flush valve back entry complete or similar approved	No	28.00		-
43	15mm chromium plated elbow action pillar tap or similar approved	No	75.00		-
44	20mm standard brass hose bib tap or similar approved with wingnut, lining and 20mm hose union, manufactured in accordance with SANS 226;2009 TYPE 1(BS1010)	No	1.00		-
45	Idral-Foel-Mixer -Chrome-Basin, single lever, wall mounted with swivel spout	No	15.00		-
46	Single lever shower mixer chrome 2 x 1/2 inch BSP female iron inlet and 2 X female iron outlet connection ends or similar approved	No	12.00		-
47	Vandal proof chromium plated shower head or similar approved	No	12.00		-
	PROVISIONAL SUM	H2	-		
	Roof Drainage	H3	-		
48	Provide the sum of R 1 000 000.00 (One Million) for complete installation of roof drainage be omitted in part or whole as instructed by Principal Agent	Item	1.00	1,000,000.00	1,000,000.00
23	Profit	Item	1.00		-
24	Attend	Item	1.00		-

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SECTION NO. 3	H1		-	
BILL NO 13	H1		-	
GLAZING	H1		-	
PREAMBLES	H2		-	
Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades			-	
GLAZING TO STEEL WITH SCREWED-ON BEADS (BEADS ELSEWHERE)	H2		-	
6mm Clear toughened safety glass	H3		-	
1 Panes exceeding 0,5m ² and not exceeding 2m ²	m2	55.00		-
MIRRORS	H2		-	
6mm Silvered float glass copper backed mirrors with bevelled and polished edges, fixed with double sided adhesive tape and silicone	H3		-	
2 Mirror 450 x 600mm	No	80.00		-

SECTION NO. 3

BILL NO. 14

PAINTWORK

PREAMBLES

Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades

SUPPLEMENTARY PREAMBLES

General

The quantities are provisional and will be re-measured upon completion of the works. The Contractor shall not use these quantities for ordering of materials. The Contractor must immediately notify the Quantity Surveyor if discrepancies are found between the quantities and/or descriptions in these Bills of Quantities and the Contractor's quantities measured from construction drawings and specifications.

PAINT SPECIFICATIONS

All painting shall be done in accordance with "Approved" specifications and is to carry the "Approved" guarantee that is similar to that of the "Approved" range guarantee. The contractor is to ensure that the project is registered with "Approved" on their prescribed forms and that "Approved" does the periodic follow-ups and final report in order to provide the guarantee.

PAINTWORK TO NEW WORK

ON INTERNAL FLOATED PLASTER SURFACES

One coat alkali resistant primer and two coats Plascon or similar approved superior quality acrylic emulsion paint

1 On walls

One coat alkali resistant primer and two coats Plascon or similar approved wall paint

2 On walls

ON EXTERNAL FLOATED PLASTER SURFACES

One coat alkali resistant primer and two coats Plascon or similar approved superior quality acrylic emulsion paint

3 On walls

One coat alkali resistant primer and two coats plascon or similar approved wall paint

4 On walls

ON PLASTERBOARD SURFACES

One coat alkali resistant primer and two coats Plascon or similar approved superior quality acrylic emulsion paint

5 Partitions

6 Ceilings and cornices

ON METAL SURFACES

One coat alkyd based zinc phosphate primer and two coats premium quality polyurethane enamel paint, on steel

7 Door frames

ON WOOD SURFACES

One coat primer, one coat alkyd based universal undercoat and two coats superior quality universal enamel paint

8 Doors

H1

H1

H1

H2

H2

H4

H3

H2

H2

H4

m2

H4

m2

H2

H4

m2

H4

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1	Earthworks	Page	27.00	-	-
2	Concrete, Formwork and Reinforcement	Page	33.00	-	-
3	Masonry	Page	37.00	-	-
4	Waterproofing	Page	40.00	-	-
5	Carpentry and Joinery	Page	43.00	-	-
6	Ceilings, partitions and access flooring	Page	47.00	-	-
7	Floor coverings, wall linings, etc	Page	50.00	-	-
8	Ironmongery	Page	55.00	-	-
9	Metalwork	Page	60.00	-	-
10	Plastering	Page	63.00	-	-
11	Tiling	Page	64.00	-	-
12	Plumbing and Drainage	Page	71.00	-	-
13	Glazing	Page	72.00	-	-
14	Paintwork	Page	76.00	-	-

SECTION NO. 4

H1

-

BILL NO. 1

H1

-

BULK EARTHWORKS

H1

-

PREAMBLES

H2

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Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades

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Bulk Earthworks

H3

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1 Allow a budgetary allowances of R 990 000.00 (Nine hundred and Nighty Thousand Rands) for complete installation of Bulk Earthworks

Item

1.00

990,000.00

990,000.00

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	SECTION NO. 4	H1	-	
	BILL NO. 2	H1	-	
	SEWER RETICULATION	H1	-	
	PREAMBLES	H2	-	
	The contractor is referred to the General Preambles for Trades 2017 published by the Association of South African Quantity Surveyors before pricing this bill.		-	
	SEWER PIPEWORK	H2	-	
	UPVC Class 34 pipes including excavation, bedding, backfilling and compaction and disposal of surplus material	H3	-	
1	100mm Diameter pipes laid in and including trenches not exceeding 1m deep	m	188.00	-
2	100mm Diameter pipes laid in and including trenches exceeding 1m and not exceeding 2m deep	m	188.00	-
	Extra over uPVC class 34 pipes for fittings	H3	-	
3	45 bend	No	6.00	-
4	90 bend	No	3.00	-
5	45 Junction	No	2.00	-
6	90 Junction	No	2.00	-
7	Straight	No	17.00	-
8	Rodding eye	No	17.00	-
	Sundries	H3	-	
9	350 x 350mm 15MPa Unreinforced concrete encasing around 100mm horizontal pipe	m3	1.00	-
10	110mm uPVC cleaning eye to end of 110mm uPVC pipe	No	17.00	-
11	350 x 350 x 50mm Thick precast concrete inspection eye marker slab finished smooth on exposed surfaces with letters "I.O." or "I.E." on top and placed flush in ground or paving	No	17.00	-
	MANHOLES	H2	-	
	Precast concrete manholes with medium duty concrete manhole cover and frame, frame bedded in 1:3 cement mortar, spacers bedded in 1:6 cement mortar and precast concrete slab including excavations, backfilling, compaction, risk of collapse, cartaway surplus material, 150mm thick unreinforced 25MPa/19mm concrete base projecting 65mm wide from walls, benching, junctions, channelling, and step irons all in accordance with engineer's drawings for the following depths:	H3	-	
12	1000mm diameter (internally) Precast concrete manhole not exceeding 1.0m deep internally	No	17.00	-
	SEWER CONNECTION	H2	-	
13	Cutting into side of existing manhole chamber for and connecting 110mm pipe including inserting 160mm channel junction and making good concrete benching	No	2.00	-
	TESTING	H2	-	
14	Testing soil drainage system	Item	1.00	-
			-	
	SECTION NO. 4	H1	-	
	BILL NO. 3	H1	-	
	WATER RETICULATION	H1	-	
	PREAMBLES	H2	-	
	Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades		-	
	WATER PIPEWORK	H2	-	
	uPVC Class 12 pressure pipes including excavation, bedding, backfilling and compaction and disposal of surplus material	H3	-	

1	110mm Pipes laid in and including trenches not exceeding 1m deep	m	306.00	-
2	110mm Pipes laid in and including trenches exceeding 1m and not exceeding 2m deep	m	153.00	-
3	110mm Pipes laid in and including trenches exceeding 2m and not exceeding 3m deep	m	153.00	-
	Extra over uPVC class 12 pipes for fittings	H3	-	
4	45 Degree Bend	No	16.00	-
5	Elbow	No	16.00	-
6	Equal Tee	No	11.00	-
	Sundries	H3	-	
7	50mm Brass gate valve	No	2.00	-
8	110mm Brass gate valve	No	8.00	-
9	110mm Brass non-return valve	No	2.00	-
10	620 x 550mm Valve box including brick chamber below not exceeding 1m deep internally, heavy duty weight frame and cover, excavation, backfilling, compaction and disposal of surplus material	No	12.00	-
11	25Mpa/19mm Unreinforced concrete in thrust blocks at bends, junctions, etc including necessary extra excavation, backfilling, formwork, etc	No	12.00	-
	WATER CONNECTION	H2	-	
12	Cutting into side of existing manhole chamber for and connecting 110mm pipe including inserting 160mm channel junction and making good concrete benching	No	1.00	-
	TESTING	H2	-	
13	Testing water supply pipe system	Item	1.00	-

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SECTION NO. 4	H1		-	
BILL NO. 4	H1		-	
STORMWATER RETICULATION	H1		-	
PREAMBLES	H2		-	
Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades			-	
STORMWATER PIPEWORK	H2		-	
Class 50D concrete pipes including excavation, bedding, backfilling and compaction and disposal of surplus material	H3		-	
1 450mm Pipes laid in and including trenches not exceeding 1m deep	m		140.00	-
2 450mm Pipes in and including trenches exceeding 1m and not exceeding 2m deep.	m		70.00	-
3 450mm Pipes laid in and including trenches exceeding 2m and not exceeding 3m deep.	m		70.00	-
GRID INLET	H2		-	
Grid inlet with 700 x 2367mm flat-iron grid cover hinged to and including 75 x 50 x 65kg/m angle iron frame, frame anchored in and including 230 x 200mm 30MPa/19mm reinforced concrete ring beam with fishtail lugs at corners and 700mm centres, one brick wall, 200mm thick 20MPa/19mm reinforced concrete base flush with walls, 50mm thick 10MPa/19mm concrete blinding, 15MPa/38mm concrete benching including excavations, backfilling, compaction, risk of collapse, cartaway surplus material, formwork, Ref 888 welded steel mesh, Y12 re-bars, brickforce, plaster to exposed walls, 20mm thick 1:2 cement screed with steel float finish, junctions, channelling, and step irons as per Engineer's Drawing No.: TPM009-2019-SW01 Rev A for the following depths:	H3		-	
4 1059 x 2725mm Brick grid inlet exceeding 1.0m and not exceeding 2.0m deep internally	No		4.00	-
5 1059 x 2725mm Brick grid inlet exceeding 2.0m and not exceeding 3.0m deep internally	No		4.00	-
CATCHPIT	H2		-	
Catchpit inlet with 450 x 450mm dished iron grating and frame in accordance with SABS 1115-1976 including 230 x 200mm 30MPa/19mm reinforced concrete ring beam with fishtail lugs at corners to fix the frame, one brick wall, 200mm thick 20MPa/19mm reinforced concrete base flush with walls, 50mm thick 10MPa/19mm concrete blinding, 15MPa/38mm concrete benching including excavations, backfilling, compaction, risk of collapse, cartaway surplus material, formwork, Ref 888 welded steel mesh, Y12 re-bars, brickforce, plaster to exposed walls, 20mm thick 1:2 cement screed with steel float finish, junctions, channelling, and step irons as per Engineer's Drawing No.: TPM009-2019-SW01 Rev A for the following depths:	H3		-	
6 910 x 910mm Brick Catchpit exceeding 1.0m and not exceeding 2.0m deep internally	No		4.00	-
MANHOLES	H2		-	
Manhole with 600 x 600mm heavy duty type 2A cover and frame bedded in cement mortar on and including 150mm thick 30MPa/19mm reinforced concrete ring beam around frame, 150mm thick 30MPa/19mm reinforced concrete cover slab, 150mm thick 25MPa/19mm reinforced concrete base flash with wall, one brick wall, brickforce, plaster to exposed walls, spacer, adaptor slabs, 20MPa/19mm concrete benching with steel float finish, junctions, channelling, formwork and step irons at 300mm centres including excavations, backfilling, compaction, risk of collapse, etc all in accordance to Engineer's Drawing No.: TPM009-2019-SW01 Rev A for the following depths:	H3		-	
7 1460 x 1460mm Brick manhole exceeding 2.0m and not exceeding 3.0m deep internally	No		4.00	-
STORMWATER CONNECTION	H2		-	
8 Cutting into side of existing inspection chamber for and connecting 450mm pipe including inserting 450mm channel junction and making good concrete benching	No		2.00	-
SUNDRIES	H2		-	
9 Testing stormwater drainage system	Item		1.00	-
			-	
SECTION NO. 4	H1		-	

BILL NO. 5

H1

-

FIRE RETICULATION (PROVISIONAL)

H1

-

PREAMBLES

H2

-

Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades

-

BUDGETARY ALLOWANCES

H2

-

Fire reticulation

H3

-

1 Allow a budgetary allowances of R 150 000.00 (One Hundred and Fifty Rands) for complete installation of Fire reticulation

Item

1.00

150,000.00

150,000.00

-

SECTION NO. 4

H1

-

BILL NO. 6

H1

-

LANDSCAPING

H1

-

PREAMBLES

H2

-

Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades

-

PROVISIONAL SUM

H2

-

Landscaping

H3

-

1 Provide a sum of R 1 269 900.00 (One Million Two Hundred and Sixty Nine Thousand Nine Hundred Rands) for complete installation of Landscaping to be omitted in part or whole as instructed by Principal Agent

Item

1.00

1,269,900.00

1,269,900.00

2 Profit

Item

1.00

-

3 Attend

Item

1.00

-

SECTION NO. 4

H1

-

BILL NO. 7

H1

-

COVERED WALKWAY

H1

-

PREAMBLES

H2

-

Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades

-

BUDGETARY ALLOWANCES

H2

-

Covered walkway

H3

-

1 Allow a budgetary allowances of R 100 000.00 (One Hundred Thousand Rands) for complete installation of Covered Parking at the court yard

Item

1.00

100,000.00

100,000.00

			-		
1	Bulk Earthworks	Page	78.00	-	-
2	Sewer Reticulation	Page	81.00	-	-
3	Water reticulation	Page	84.00	-	-
4	Stormwater reticulation	Page	89.00	-	-
5	Fire Reticulation	Page	90.00	-	-
6	Landcaping	Page	91.00	-	-
7	Covered walkway	Page	92.00	-	-

SECTION NO. 5

H1

-

BILL NO. 1

H1

-

AIR-CONDITIONING AND VENTILATION INSTALLATION (PROVISIONAL)

H1

-

PREAMBLES

H2

-

Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades

-

SUPPLEMENTARY PREAMBLES

H2

-

General

H3

-

Unless otherwise described, all prime cost amounts and provisional sums exclude the cash discount of 5% and include for delivery to site of all articles concerned. All prime cost amounts and provisional sums are net and include for delivery to site of all articles concerned.

-

Preliminaries

H3

-

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

-

GROUND FLOOR- AIR-CONDITIONING AND VENTILATION INSTALLATION

H1

-

Ventilation Fans

H3

-

1 EAF-01- ø400 mm Axial flow fan, duty @ 350Pa , 447l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.

No

1.00

2 EAF-02- ø315 mm Axial flow fan, duty @ 200Pa , 223l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.

No

1.00

3 EAF-03- ø315 mm Axial flow fan, duty @ 200Pa , 361l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.

No

1.00

4 EAF-04- ø250 mm Axial flow fan, duty @ 200Pa , 172l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.

No

1.00

5 EAF-05- ø250 mm Axial flow fan, duty @ 200Pa , 189l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.

No

1.00

6 EAF-06- ø315 mm Axial flow fan, duty @ 200Pa , 258l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.

No

1.00

7 EAF-07- ø315 mm Axial flow fan, duty @ 200Pa , 258l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.

No

1.00

8 EAF-08- ø500 mm Axial flow fan, duty @ 200Pa , 1378l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.

No

1.00

9 EAF-09- ø630 mm Axial flow fan, duty @ 200Pa , 2669l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.

No

1.00

10 EAF-10- ø250 mm Axial flow fan, duty @ 250Pa , 172l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.

No

1.00

11 FAF-13- ø500 mm Axial flow fan, duty @ 200Pa , 590l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.

No

1.00

12 FAF-14- ø500 mm Axial flow fan, duty @ 200Pa , 590l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.

No

1.00

13 FAF-15- ø500 mm Axial flow fan, duty @ 200Pa , 590l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.

No

1.00

LOW AND HIGH PRESSURE GALVANISED DUCTWORK, EXTERNAL INSULATED AND UNINSULATED

H2

-

Rectangular & Round galvanised sheet metal low & high pressure ducting and duct accessories complete, including hanger rods, fixing bolts, mild steel angle sections, flanges, necessary fixing material, etc, as per specification.

H3

-

FOR EAF-1 to 10 and FAF-1 to 3

H3

-

Flexible connection between fan sound attenuator and ducting including fasteners,

H3

-

Un- insulated Ducting - Category 1 to 6

H4

-

14 Rectangular duct Category 1, 0.6mm thick

m

40.00

15 Rectangular duct Category 2, 0.6mm thick

m

31.00

16	Rectangular duct Category 3, 0.8mm thick	m	20.00
17	Rectangular duct Category 4, 1.0mm thick	m	1.00
18	Rectangular duct Category 5, 1.2mm thick	m	1.00
19	Round duct Category 6, 0.6mm thick	m	1.00
	FOR HAUs	H3	-
	R/A plenum box	H4	-
20	1200 x 600 mm , 450mm long R/A plenum box	No	3.00
	Insulated Filter box	H4	-
21	1300 x 300 mm	No	3.00
	FOR HAU-1 to 9	H3	-
	Rectangular & Round galvanised sheet metal low pressure ducting and duct accessories complete, including hanger rods, fixing bolts, mild steel angle sections, flanges, necessary fixing material, etc, as per specification.	H3	-
	Flexible connection between fan sound attenuator and ducting including fasteners,	H3	-
	Insulated Ducting - Category 1 to 6	H4	-
22	Rectangular duct Category 1, 0.6mm thick	m	53.00
23	Rectangular duct Category 2, 0.6mm thick	m	13.00
24	Rectangular duct Category 3, 0.8mm thick	m	5.00
25	Rectangular duct Category 4, 1.0mm thick	m	1.00
26	Rectangular duct Category 5, 1.2mm thick	m	1.00
27	Round duct Category 6, 0.6mm thick	m	7.00
	Air Control Dampers	H4	-
28	BD-01 , 150 mm diameter	No	1.00
29	BD-02 , 200 mm diameter	No	1.00
30	BD-03 , 250 mm diameter	No	1.00
31	BD-04 , 300 mm diameter	No	1.00
32	BD-05 , 350 mm diameter	No	1.00
33	BD-06 , 400 mm diameter	No	1.00
34	BD -07, 450 mm diameter	No	1.00
	Air Terminals	H3	-
	Diffusers and grilles	H4	-
35	CCD-1 - 600x600 Constant volume ceiling mounted air diffuser c/w Ø350 spigot	No	16.00
36	CCD-2 - 600x600 Constant volume ceiling mounted air diffuser c/w Ø250 spigot	No	39.00
37	EG-1 - 600x600 Fixed Curved BladeExtract Grille c/w OBD	No	12.00
38	EG-1 - 1200x600 Fixed Floor type supply air grille c/w OBD	No	8.00
39	DV-01 - Ø200 extract disc valve	No	54.00
	Return air grilles	H4	-
40	RAFF-01 - 1195 x 595 R.A.F.F type Return Air grilles c/w 400 high plenum box with 2 x Ø350mm spigots.	No	4.00
41	RAG-02 - 1195 x 595 R.A.F.F type Return Air grilles c/w 400 high plenum box with 2x Ø300mm spigots.	No	4.00
	Weather louvres	H4	-
42	WL-01 - 600 x 500 Weather louvre c/w washable filter plenum box & W.M.S	No	3.00
43	WL-02 - 400 x 400 Weather louvre c/w plenum box & W.M.S	No	2.00
44	WL-03 - 600 x 400 Weather louvre c/w plenum box & W.M.S	No	1.00
45	WL-04 - 200 x 300 Weather louvre c/w plenum box & W.M.S	No	2.00

46	WL-05 - 800 x 500 Weather louvre c/w plenum box & W.M.S	No	3.00
	Door grilles, no sight core, auxiliary frame / flange both sides of door, fixing screws,	H4	-
47	DG.1 : 600 x 600 :	No	1.00
	Heat recovery system	H3	-
	Outdoor units	H4	-
48	HRCU-1 - 85.1kW VRV Heat recovery condenser units	m	3.00
	Indoor units	H4	-
49	HAU-01 - 36kW VRV AHU1 c/w Condensor	No	1.00
50	HAU-02 - 36kW VRV AHU2 c/w Condensor	No	1.00
51	HIU-01 - 12.5kW VRV HR ducted concealed unit	No	2.00
52	HIU-02 - 16kW VRV HR ducted concealed unit	No	1.00
53	HIU-03 - 11.2kW VRV HR ducted concealed unit	No	2.00
54	CCU01 - 6.3kW VRV HR ducted concealed unit	No	8.00
55	CCU02 - 9kW VRV HR ducted concealed unit	No	11.00
56	CCU03 - 5.6kW VRV HR ducted concealed unit	No	4.00
57	MIU01 - 4.5 kW VRV HR Midwall unit	No	2.00
58	SMIU01 - 8.9kW VRV HR Midwall unit	No	7.00
59	MW03 - 7.83 kW VRV HR Midwall unit	No	1.00
60	MW04 - 3.32 kW VRV HR Midwall unit	No	1.00
61	MW05 - 5.11 kW VRV HR Midwall unit	No	1.00
62	MW06 - 3.01 kW VRV HR Midwall unit	No	1.00
63	MW07 - 4.53kW VRV HR Midwall unit	No	1.00
64	MW08 - 5.74kW VRV HR Midwall unit	No	1.00
65	MW09 - 5.75kW VRV HR Midwall unit	No	3.00
66	MW10 - 6.02kW VRV HR Midwall unit	No	1.00
67	MW11 - 7.57kW VRV HR Midwall unit	No	2.00
68	MW12 - 3.93kW VRV HR Midwall unit	No	3.00
69	MW13 - 5.15kW VRV HR Midwall unit	No	1.00
70	MW14 - 6.66kW VRV HR Midwall unit	No	1.00
71	MW15 - 3.02kW VRV HR Midwall unit	No	1.00
72	MW16 - 7.87kW VRV HR Midwall unit	No	2.00
	Controls	H4	-
73	RC-1 - Wall mounted wired remote controls	No	59.00
	Branch connection kit	H4	-
74	Branch refnet joint connection kit for outdoor unit (lot)	SUM	1.00
	Heat exchange box	H4	-
75	HR - 8 Port Heat recovery box unit	No	2.00
76	HR - 10 Port Heat recovery box unit	No	2.00
	Refrigerant piping - complete with supports	H4	-
	Class type as per manufacture's recommendation		-
77	Liquid pipe ø6.35mm	m	6.00
78	Gas pipe ø12.7mm	m	6.00
79	Liquid pipe ø9.52mm	m	6.00

80	Gas pipe ø15.9mm	m	6.00
81	Liquid pipe ø15.9mm	m	6.00
82	Gas pipe ø28.6mm	m	6.00
	Refrigerant pipe insulation - (Armaflex)	H4	-
83	Liquid pipe ø6.35mm	m	6.00
84	Gas pipe ø12.7mm	m	6.00
85	Liquid pipe ø9.52mm	m	6.00
86	Gas pipe ø15.9mm	m	6.00
87	Liquid pipe ø15.9mm	m	6.00
88	Gas pipe ø28.6mm	m	6.00
	Refrigerant	H4	-
89	R410A Refrigerant	kg	737.00
	Condensate PVC piping	H4	-
90	ø32mm	m	300.00
	FIRST FLOOR- AIR-CONDITIONING AND VENTILATION INSTALLATION	H1	-
	Ventilation Fans	H3	-
91	EAF-01- ø400 mm Axial flow fan, duty @ 200Pa , 517l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
92	EAF-02- ø500 mm Axial flow fan, duty @ 250Pa , 1309l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators..	No	1.00
93	EAF-03- ø315 mm Axial flow fan, duty @ 250Pa , 223.9l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
94	EAF-04- ø250 mm Axial flow fan, duty @ 150Pa , 172l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	2.00
95	EAF-05- ø315 mm Axial flow fan, duty @ 150Pa , 206.7l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.s.	No	1.00
96	EAF-06- ø250 mm Axial flow fan, duty @ 200Pa , 172.2l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
97	EAF-07- ø250 mm Axial flow fan, duty @ 200Pa , 120.6l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
98	EAF-08- ø450 mm Axial flow fan, duty @ 200Pa , 758l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
99	EAF-09- ø400 mm Axial flow fan, duty @ 200Pa , 499l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
100	EAF-10- ø450 mm Axial flow fan, duty @ 250Pa , 947l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
101	EAF-11- ø315 mm Axial flow fan, duty @ 100Pa , 258l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
102	EAF-12- ø450 mm Axial flow fan, duty @ 250Pa , 517l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
103	EAF-13- ø315mm Axial flow fan, duty @ 250Pa , 258l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
104	FAF-1- ø315 mm Axial flow fan, duty @ 150Pa , 450l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
105	FAF-2- ø400 mm Axial flow fan, duty @ 300Pa , 480l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
106	FAF-3- ø315 mm Axial flow fan, duty @ 250Pa , 273l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
107	FAF-4- ø315 mm Axial flow fan, duty @ 200Pa , 273l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
	LOW AND HIGH PRESSURE GALVANISED DUCTWORK, EXTERNAL INSULATED AND UNINSULATED	H2	-

	Rectangular & Round galvanised sheet metal low & high pressure ducting and duct accessories complete, including hanger rods, fixing bolts, mild steel angle sections, flanges, necessary fixing material, etc, as per specification.Flexible connection between fan sound attenuator and ducting including fasteners,	H3	-
	FOR EAF-1 to 13 and FAF-1 to 4	H3	-
	Un- insulated Ducting - Category 1 to 6	H4	-
108	Rectangular duct Category 1, 0.6mm thick	m	38.00
109	Rectangular duct Category 2, 0.6mm thick	m	26.00
110	Rectangular duct Category 3, 0.8mm thick	m	9.00
111	Rectangular duct Category 4, 1.0mm thick	m	1.00
112	Rectangular duct Category 5, 1.2mm thick	m	1.00
113	Round duct Category 6, 0.6mm thick	m	1.00
	FOR HAU's	H3	-
	R/A plenum box	H4	-
114	1200 x 600 mm , 450mm long R/A plenum box	No	5.00
	Insulated Filter box	H4	-
115	1300 x 300 mm	No	5.00
	FOR HAU-1,2, & 3	H3	-
	Rectangular & Round galvanised sheet metal low pressure ducting and duct accessories complete, including hanger rods, fixing bolts, mild steel angle sections, flanges, necessary fixing material, etc, as per specification.Flexible connection between fan sound attenuator and ducting including fasteners,	H3	-
	Insulated Ducting - Category 1 to 6	H4	-
116	Rectangular duct Category 1, 0.6mm thick	m	24.00
117	Rectangular duct Category 2, 0.6mm thick	m	21.00
118	Rectangular duct Category 3, 0.8mm thick	m	5.00
119	Rectangular duct Category 4, 1.0mm thick	m	1.00
120	Rectangular duct Category 5, 1.2mm thick	m	1.00
121	Round duct Category 6, 0.6mm thick	m	5.00
	Air Control Dampers	H4	-
122	BD-01 , 150 mm diameter	No	1.00
123	BD-02 , 200 mm diameter	No	1.00
124	BD-03 , 250 mm diameter	No	1.00
125	BD-04 , 350 mm diameter	No	1.00
126	BD-05 , 400 mm diameter	No	1.00
127	BD-06 , 400 x 600	No	1.00
128	BD -07, 500 x 400	No	1.00
	Air Terminals	H3	-
	Diffusers and grilles	H4	-
129	CCD-1 - 600x600 Constant volume ceiling mounted air diffuser c/w Ø350 spigot	No	11.00
130	CCD-2 - 600x600 Constant volume ceiling mounted air diffuser c/w Ø250 spigot	No	25.00
131	DV-01 - Ø200 extract disc valve	No	106.00
	Return air grilles	H4	-
132	RAFF-01 - 1195 x 595 R.A.F type Return Air grilles c/w 400 high plenum box with 2 x Ø300mm spigots.	No	6.00
133	RAG-02 - 1195 x 595 R.A.F type Return Air grilles c/w 400 high plenum box with 2x Ø250mm spigots.	No	22.00
	Weather louvres	H4	-

134	WL-01 - 500 x 500 Weather louvre c/w washable filter plenum box & W.M.S	No	3.00
135	WL-02 - 400 x 300 Weather louvre c/w plenum box & W.M.S	No	9.00
136	WL-03 - 600 x 600 Weather louvre c/w plenum box & W.M.S	No	3.00
137	WL-04 - 1000 x 600 Weather louvre c/w plenum box & W.M.S	No	1.00
138	WL-05 - 900 x 500 Weather louvre c/w plenum box & W.M.S	No	1.00
	Door grilles, no sight core, auxiliary frame / flange both sides of door, fixing screws,	H4	-
139	DG.1 : 600 x 600 :	No	1.00
	Heat recovery system	H3	-
	Outdoor units	H4	-
140	HRCU-1 - 87.47kW VRV Heat recovery condenser unit	m	3.00
	Indoor units	H4	-
141	HAU-01 - 16.95kW VRV HR ducted concealed unit	No	1.00
142	HAU-02 - 16.95kW VRV HR ducted concealed unit	No	1.00
143	HAU-03 - 20.58kW VRV HR ducted concealed unit	No	3.00
144	MW01 - 5.71 kW VRV HR Midwall unit	No	2.00
145	MW02 - 4.51 kW VRV HR Midwall unit	No	1.00
146	MW03 - 4.52 kW VRV HR Midwall unit	No	1.00
147	MW04 - 13.88 kW VRV HR Midwall unit	No	1.00
148	MW05- 6.31 kW VRV HR Midwall unit	No	1.00
149	MW06 - 7.82 kW VRV HR Midwall unit	No	1.00
150	MW07 - 9.96kW VRV HR Midwall unit	No	1.00
151	MW08 - 2.11kW VRV HR Midwall unit	No	1.00
152	MW09 -9.84 kW VRV HR Midwall unit	No	2.00
153	MW10 - 8.16kW VRV HR Midwall unit	No	1.00
154	MW11 - 12.41kW VRV HR Midwall unit	No	1.00
155	MW12 - 4.54kW VRV HR Midwall unit	No	3.00
156	MW13 - 7.87kW VRV HR Midwall unit	No	2.00
157	MW14 - 9.99kW VRV HR Midwall unit	No	2.00
158	MW15 - 13.61kW VRV HR Midwall unit	No	1.00
159	MW16 - 3.03kW VRV HR Midwall unit	No	1.00
	Controls	H4	-
160	RC-1 - Wall mounted wired remote controls	No	27.00
	Branch connection kit	H4	-
161	Branch refnet joint connection kit for outdoor unit (lot)	SUM	1.00
	Heat exchange box	H4	-
162	HR - 4 Port Heat recovery box unit	No	1.00
163	HR - 8 Port Heat recovery box unit	No	2.00
164	HR - 10 Port Heat recovery box unit	No	1.00
	Refrigerant piping - complete with supports	H4	-
	Class type as per manufacture's recommendation		-
165	Liquid pipe ø6.35mm	m	6.00
166	Gas pipe ø12.7mm	m	6.00
167	Liquid pipe ø9.52mm	m	6.00

168	Gas pipe ø15.9mm	m	6.00
169	Liquid pipe ø15.9mm	m	6.00
170	Gas pipe ø28.6mm	m	6.00
	Refrigerant pipe insulation - (Armaflex)	H4	-
171	Liquid pipe ø6.35mm	m	6.00
	Gas pipe ø12.7mm	m	6.00
172		m	6.00
173	Gas pipe ø15.9mm	m	6.00
174	Liquid pipe ø15.9mm	m	6.00
175	Gas pipe ø28.6mm	m	6.00
	Refrigerant	H4	-
176	R410A Refrigerant	kg	685.00
	Condensate PVC piping	H4	-
177	ø32mm	m	250.00
	SECOND FLOOR- AIR-CONDITIONING AND VENTILATION INSTALLATION	H1	-
	Ventilation Fans	H3	-
178	EAF-01- ø315 mm Axial flow fan, duty @ 350Pa , 379l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
179	EAF-02- ø315 mm Axial flow fan, duty @ 200Pa , 241l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
180	EAF-03- ø315 mm Axial flow fan, duty @ 200Pa , 258l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
181	EAF-04- ø315 mm Axial flow fan, duty @ 200Pa , 361.7l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
182	EAF-05- ø315 mm Axial flow fan, duty @ 200Pa , 447l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
183	EAF-06- ø500 mm Axial flow fan, duty @ 200Pa , 1050l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
184	EAF-07- ø315 mm Axial flow fan, duty @ 200Pa , 258l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
185	EAF-08- ø315 mm Axial flow fan, duty @ 200Pa , 258l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
186	EAF-09- ø500 mm Axial flow fan, duty @ 200Pa , 1050l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
187	EAF-10- ø400 mm Axial flow fan, duty @ 250Pa , 361l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators..	No	1.00
188	FAF-1- ø315 mm Axial flow fan, duty @ 150Pa , 450l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
189	FAF-1- ø315 mm Axial flow fan, duty @ 150Pa , 418l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
190	FAF-2- ø400 mm Axial flow fan, duty @ 300Pa , 480l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
191	FAF-3- ø400 mm Axial flow fan, duty @ 290Pa , 504l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.rs.	No	1.00
192	FAF-4- ø315 mm Axial flow fan, duty @ 200Pa , 273l/s air flow, 1440rpm max and complete with a speed controller, 2-off (2-D) matching sound attenuators.	No	1.00
	LOW AND HIGH PRESSURE GALVANISED DUCTWORK, EXTERNAL INSULATED AND UNINSULATED	H2	-
	Rectangular & Round galvanised sheet metal low & high pressure ducting and duct accessories complete, including hanger rods, fixing bolts, mild steel angle sections, flanges, necessary fixing material, etc, as per specification.	H3	-
	FOR EAF-1 to 10 and FAF-1 to 4	H3	-
	Flexible connection between fan sound attenuator and ducting including fasteners,	H3	-

	Un- insulated Ducting - Category 1 to 6	H4	-
193	Rectangular duct Category 1, 0.6mm thick	m	46.00
194	Rectangular duct Category 2, 0.6mm thick	m	33.00
195	Rectangular duct Category 3, 0.8mm thick	m	5.00
196	Rectangular duct Category 4, 1.0mm thick	m	1.00
197	Rectangular duct Category 5, 1.2mm thick	m	1.00
198	Round duct Category 6, 0.6mm thick	m	1.00
	FOR HAUs	H3	-
	R/A plenum box	H4	-
199	1200 x 600 mm , 450mm long R/A plenum box	No	3.00
	FOR HAU-1 to 5	H3	-
	Rectangular & Round galvanised sheet metal low pressure ducting and duct accessories complete, including hanger rods, fixing bolts, mild steel angle sections, flanges, necessary fixing material, etc, as per specification.	H3	-
	Flexible connection between fan sound attenuator and ducting including fasteners,	H3	-
	Insulated Ducting - Category 1 to 6	H4	-
200	Rectangular duct Category 1, 0.6mm thick	m	20.00
201	Rectangular duct Category 2, 0.6mm thick	m	11.00
202	Rectangular duct Category 3, 0.8mm thick	m	7.00
203	Rectangular duct Category 4, 1.0mm thick	m	1.00
204	Rectangular duct Category 5, 1.2mm thick	m	1.00
205	Round duct Category 6, 0.6mm thick	m	5.00
	Air Control Dampers	H4	-
206	BD-01 , 150 mm diameter	No	1.00
207	BD-02 , 200 mm diameter	No	1.00
208	BD-03 , 250 mm diameter	No	1.00
209	BD-04 , 300 mm diameter	No	1.00
210	BD-05 , 400 x 400	No	1.00
211	BD-06 , 400 x 600	No	1.00
212	BD -07, 500 x 400	No	1.00
	Air Terminals	H3	-
	Diffusers and grilles	H4	-
213	CCD-1 - 600x600 Constant volume ceiling mounted air diffuser c/w Ø350 spigot	No	4.00
214	CCD-2 - 600x600 Constant volume ceiling mounted air diffuser c/w Ø250 spigot	No	33.00
215	DV-01 - Ø200 extract disc valve	No	72.00
	Return air grilles	H4	-
216	RAG-02 - 1195 x 595 R.A.F.F type Return Air grilles c/w 400 high plenum box with 2x Ø400mm spigots.	No	5.00
	Weather louvres	H4	-
217	WL-01 - 500 x 400 Weather louvre c/w washable filter plenum box & W.M.S	No	1.00
218	WL-02 - 600 x 400 Weather louvre c/w plenum box & W.M.S	No	2.00
219	WL-03 - 400 x 300 Weather louvre c/w plenum box & W.M.S	No	1.00
220	WL-04 - 400 x 300 Weather louvre c/w plenum box & W.M.S	No	4.00
221	WL-05 - 400 x 400 Weather louvre c/w plenum box & W.M.S	No	3.00
222	WL-06 - 500 x 500 Weather louvre c/w plenum box & W.M.S	No	1.00

223	WL-07 - 1000 x 500 Weather louvre c/w plenum box & W.M.S	No	2.00
	Door grilles, no sight core, auxiliary frame / flange both sides of door, fixing screws,	H4	-
224	DG.1 : 600 x 600 :	No	1.00
	Heat recovery system	H3	-
	Outdoor units	H4	-
225	HRCU-1 - 101.25kW VRV Heat recovery condenser units	m	3.00
	Indoor units	H4	-
226	HAU-01 - 16.8kW VRV HR ducted concealed unit	No	2.00
227	HAU-02 - 14.82kW VRV HR ducted concealed unit	No	1.00
228	HAU-03 - 24.22kW VRV HR ducted concealed unit	No	2.00
229	MW01 - 7.81kW VRV HR Midwall unit	No	1.00
230	UC01 - 18.34 kW VRV HR Underceiling unit	No	2.00
231	MW02 - 4.51 kW VRV HR Midwall unit	No	1.00
232	MW03 - 7.83 kW VRV HR Midwall unit	No	1.00
233	MW04 - 4.23 kW VRV HR Midwall unit	No	1.00
234	MW05- 7.82 kW VRV HR Midwall unit	No	1.00
235	MW06 - 3.03 kW VRV HR Midwall unit	No	1.00
236	MW07 - 4.54kW VRV HR Midwall unit	No	10.00
237	MW08 - 4.55kW VRV HR Midwall unit	No	1.00
238	MW09 - 8.17 kW VRV HR Midwall unit	No	1.00
239	MW10 - 4.84kW VRV HR Midwall unit	No	2.00
240	MW11 - 9.99kW VRV HR Midwall unit	No	3.00
241	MW12 - 4.24kW VRV HR Midwall unit	No	1.00
242	MW13 - 9.69kW VRV HR Midwall unit	No	1.00
243	MW14 - 4.54kW VRV HR Midwall unit	No	1.00
244	MW15 - 8.47kW VRV HR Midwall unit	No	1.00
245	MW16 - 10.29kW VRV HR Midwall unit	No	1.00
	Controls	H4	-
246	RC-1 - Wall mounted wired remote controls	No	35.00
	Branch connection kit	H4	-
247	Branch refnet joint connection kit for outdoor unit (lot)	SUM	1.00
	Heat exchange box	H4	-
248	HR - 16 Port Heat recovery box unit	No	1.00
249	HR - 10 Port Heat recovery box unit	No	1.00
	Refrigerant piping - complete with supports	H4	-
	Class type as per manufacture's recommendation		-
250	Liquid pipe ø6.35mm	m	245.00
251	Gas pipe ø12.7mm	m	245.00
252	Liquid pipe ø9.52mm	m	186.00
253	Gas pipe ø15.9mm	m	186.00
254	Liquid pipe ø15.9mm	m	144.00
255	Gas pipe ø28.6mm	m	144.00
	Refrigerant pipe insulation - (Armaflex)	H4	-

	Liquid pipe ø6.35mm	m	245.00
256	Gas pipe ø12.7mm	m	245.00
257	Liquid pipe ø9.52mm	m	186.00
258	Gas pipe ø15.9mm	m	186.00
259	Liquid pipe ø15.9mm	m	144.00
260	Gas pipe ø28.6mm	m	144.00
	Refrigerant	H4	-
261	R410A Refrigerant	kg	77.00
	Condensate PVC piping	H4	-
262	ø32mm	m	180.00
			-
	SECTION NO. 5	H1	-
	BILL NO. 2	H1	-
	FIRE INSTALLATIONS	H1	-
	PREAMBLES	H2	-
	Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades		-
	SUPPLEMENTARY PREAMBLES	H2	-
	General	H3	-
	Unless otherwise described, all prime cost amounts and provisional sums exclude the cash discount of 5% and include for delivery to site of all articles concerned. All prime cost amounts and provisional sums are net and include for delivery to site of all articles concerned.		-
	Preliminaries	H3	-
	The contractor is referred to the Preliminaries for further amplification of "Prime Cost Amounts and Provisional Sums"		-
	GROUND FLOOR	H1	-
	Supply, install and commission all fire protection equipment as per SANS 10400-W and SANS 10252 complete with 24months guarantee		-
	All above ground fire protection pipes to be painted signal red. Issue systems test certificates		-
	Additional material required to complete all fire installations as per construction drawings.		-
	HYDRANT AND HOSE REEL PIPEWORK	H2	-
	Supply and install and commission fire hydrant and hose reel system pipe supports and accessories in accordance with SANS 10400-W and SANS 10252 or as approved by the Fire Engineer.		-
	Final pipe length measurements to be done physically by the installer.		-
	Hydrant and Hose Reel Service Piping	H4	-
1	Ø110mm uPVC	m	55.00
2	Ø80mm graded galvanised steel	m	110.00
3	Ø25mm graded galvanised steel	m	185.00
	Extra over pipework as follows:	H4	-
	Bends/Elbows	H4	-
4	Ø110mm uPVC	No	14.00
5	Ø100mm graded galvanised steel	No	1.00
6	Ø25mm graded galvanised steel	No	50.00
7	Ø80 x 25 mm Galvanised Steel Reducing Elbow	No	15.00

	Equal Tees	H4	-
8	Ø80 x 80x 80mm graded galvanised steel	No	1.00
9	Ø25 x 25 x 25mm graded galvanised steel	No	2.00
	Reducing Tees	H4	-
10	Ø80 x 25 x 80mm graded galvanized steel	No	2.00
	Adapters/Couplings	H4	-
11	Ø110 x 100mm uPVC to Steel adapter coupling & bolts	No	13.00
12	Ø80 x 25mm Steel reducer coupling & bolts	No	2.00
	Valves	H4	-
13	Isolation valve complete w/ associated fittings	No	7.00
14	Drain Valve complete w/ associated fittings	No	2.00
	MANUAL FIRE PROTECTION	H2	-
	Supply and install fire hydrants, fire hose reels and fire extinguishers as follows:	H3	-
	Fire Hydrants Base	H4	-
15	Supply and install fire hydrants complete as specified.	No	4.00
	Fire Hose Reels Base	H4	-
16	Supply and install fire hose reels complete as specified.	No	6.00
	Fire Extinguishers	H3	-
	Supply and install fire extinguishers complete as specified.	H4	-
17	5.0kg carbon dioxide.	No	21.00
	Pressure Gauges	H4	-
18	Supply and install 0-1600 kPa pressure gauges as specified.	No	6.00
	SIGNAGE	H2	-
	Supply and install fire signage as follows:NOTE: All signage must be secured mechanically		-
	Evacuation/Escape Route Signage as follows:	H4	-
19	E3 (Exit here)	No	12.00
20	E6 (Total Exit here)	No	5.00
21	E6 (Total Exit here)	No	3.00
	Manual Fire Fighting Equipment Signage as follows:	H4	-
22	F1 (FH, FHR, here)	No	1.00
23	F4 (FHR, FE here)	No	3.00
24	F13 (FE here)	No	8.00
	FIRST FLOOR	H1	-
	HYDRANT AND HOSE REEL PIPEWORK	H2	-
	Supply and install and commission fire hydrant and hose reel system pipe supports and accessories in accordance with SANS 10400-W and SANS 10252 or as approved by the Fire Engineer.		-
	Final pipe length measurements to be done physically by the installer.		-
	Hydrant and Hose Reel Service Piping	H4	-
25	Ø110mm uPVC	m	1.00
26	Ø80mm graded galvanised steel	m	180.00
27	Ø25mm graded galvanised steel	m	41.00
	Extra over pipework as follows:	H4	-
	Bends/Elbows	H4	-

28	Ø110mm uPVC	No	1.00
29	Ø100mm graded galvanised steel	No	1.00
30	Ø25mm graded galvanised steel	No	56.00
31	Ø80 x 25 mm Galvanised Steel Reducing Elbow	No	23.00
	Equal Tees	H4	-
32	Ø80 x 80x 80mm graded galvanised steel	No	4.00
33	Ø25 x 25 x 25mm graded galvanised steel	No	2.00
	Reducing Tees	H4	-
34	Ø80 x 25 x 80mm graded galvanised steel	No	1.00
	Adapters/Couplings	H4	-
35	Ø110 x 100mm uPVC to Steel adapter coupling & bolts	No	1.00
36	Ø80 x 25mm Steel reducer coupling & bolts	No	2.00
	Valves	H4	-
37	Isolation valve complete w/ associated fittings	No	3.00
38	Drain Valve complete w/ associated fittings	No	1.00
	MANUAL FIRE PROTECTION	H2	-
	Supply and install fire hydrants, fire hose reels and fire extinguishers as follows:	H3	-
	Fire Hydrants Base	H4	-
39	Supply and install fire hydrants complete as specified.	No	4.00
	Fire Hose Reels Base	H4	-
40	Supply and install fire hose reels complete as specified.	No	6.00
	Fire Extinguishers	H3	-
	Supply and install fire extinguishers complete as specified.	H4	-
41	5.0kg carbon dioxide.	No	19.00
	Pressure Gauges	H4	-
42	Supply and install 0-1600 kPa pressure gauges as specified.	No	6.00
	SIGNAGE	H2	-
	Supply and install fire signage as follows:NOTE: All signage must be secured mechanically		-
	Evacuation/Escape Route Signage as follows:	H4	-
43	E3 (Exit here)	No	12.00
44	E6 (Total Exit here)	No	3.00
45	E18 (Running man ,Stairs up)	No	3.00
46	E18 (Running man ,Stairs down)	No	3.00
	Manual Fire Fighting Equipment Signage as follows:	H4	-
47	F1 (FH, FHR, here)	No	1.00
48	F4 (FHR, FE here)	No	2.00
49	F13 (FE here)	No	7.00
	SECOND FLOOR	H1	-
	HYDRANT AND HOSE REEL PIPEWORK	H2	-
	Supply and install and commission fire hydrant and hose reel system pipe supports and accessories in accordance with SANS 10400-W and SANS 10252 or as approved by the Fire Engineer.		-
	Final pipe length measurements to be done physically by the installer.		-
	Hydrant and Hose Reel Service Piping	H4	-

50	Ø110mm uPVC	m	1.00
51	Ø80mm graded galvanised steel	m	130.00
52	Ø25mm graded galvanised steel	m	36.00
	Extra over pipework as follows:	H4	-
	Bends/Elbows	H4	-
53	Ø110mm uPVC	No	1.00
54	Ø100mm graded galvanised steel	No	1.00
55	Ø25mm graded galvanised steel	No	56.00
56	Ø80 x 25 mm Galvanised Steel Reducing Elbow	No	20.00
	Equal Tees	H4	-
57	Ø80 x 80x 80mm graded galvanised steel	No	1.00
58	Ø25 x 25 x 25mm graded galvanised steel	No	2.00
	Reducing Tees	H4	-
59	Ø80 x 25 x 80mm graded galvanised steel	No	2.00
	Adapters/Couplings	H4	-
60	Ø110 x 100mm uPVC to Steel adapter coupling & bolts	No	1.00
61	Ø80 x 25mm Steel reducer coupling & bolts	No	2.00
	Valves	H4	-
62	Isolation valve complete w/ associated fittings	No	5.00
63	Drain Valve complete w/ associated fittings	No	1.00
	MANUAL FIRE PROTECTION	H2	-
	Supply and install fire hydrants, fire hose reels and fire extinguishers as follows:	H3	-
	Fire Hydrants Base	H4	-
64	Supply and install fire hydrants complete as specified.	No	4.00
	Fire Hose Reels Base	H4	-
65	Supply and install fire hose reels complete as specified.	No	6.00
	Fire Extinguishers	H3	-
	Supply and install fire extinguishers complete as specified.	H4	-
66	5.0kg carbon dioxide.	No	23.00
	Pressure Gauges	H4	-
67	Supply and install 0-1600 kPa pressure gauges as specified.	No	6.00
	SIGNAGE	H2	-
	Supply and install fire signage as follows:NOTE: All signage must be secured mechanically		-
	Evacuation/Escape Route Signage as follows:	H4	-
68	E3 (Exit here)	No	12.00
69	E6 (Total Exit here)	No	3.00
70	E18 (Running man ,Stairs up)	No	3.00
71	E18 (Running man ,Stairs down)	No	3.00
	Manual Fire Fighting Equipment Signage as follows:	H4	-
72	F1 (FH, FHR, here)	No	1.00
73	F4 (FHR, FE here)	No	4.00
74	F13 (FE here)	No	9.00
	PROVISIONAL SUMS	H2	-

	Include the following Provisional Sums (which may be utilised or omitted at the discretion of the Engineer), in the Tender Price		-		
75	Provisional Sum for Contingencies	Item	1.00	250,000.00	250,000.00
	SECTION NO. 5	H1	-		
	BILL NO. 3	H1	-		
	ONCOLOGY	H1	-		
	PREAMBLES	H2	-		
	Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades		-		
	SUPPLEMENTARY PREAMBLES	H2	-		
	General	H3	-		
	Unless otherwise described, all prime cost amounts and provisional sums exclude the cash discount of 5% and include for delivery to site of all articles concerned. All prime cost amounts and provisional sums are net and include for delivery to site of all articles concerned.		-		
	Preliminaries	H3	-		
	The contractor is referred to the Preliminaries for further amplification of "Prime Cost Amounts and Provisional Sums"		-		
	PROVISIONAL SUMS	H2	-		
	ONCOLOGY INSTALLATIONS	H3	-		
1	Provide an amount of R 133 500.00 (One Hundred and Thirty Three Thousand Five Hundred rands) for oncology Installation to be used as directed by the Principal Agent or deducted in whole or in part.	Item	1.00	133,500.00	133,500.00
2	Profit	Item	1.00		
3	Attendance	Item	1.00		
			-		
1	HVAC Installations	Page	117.00	-	-
2	Fire Protection Installations	Page	127.00	-	250,000.00
3	Oncology Installations	Page	128.00	-	-
	SECTION NO. 6	H1	-		
	BILL NO. 1	H1	-		
	MEDICAL GAS INSTALLATIONS	H1	-		
	PREAMBLES	H2	-		
	Please refer the latest preambles for "For preambles see Department of Health Standard Preambles to all Trades		-		
	SUPPLEMENTARY PREAMBLES	H2	-		
	General	H3	-		
	Unless otherwise described, all prime cost amounts and provisional sums exclude the cash discount of 5% and include for delivery to site of all articles concerned. All prime cost amounts and provisional sums are net and include for delivery to site of all articles concerned.		-		
	Preliminaries	H3	-		
	The contractor is referred to the Preliminaries for further amplification of "Prime Cost Amounts and Provisional Sums"		-		
	COMPLIANCE	H2	-		
1	Workshop Drawings	SUM	1.00		
2	As Built Drawings	SUM	1.00		
3	Transport and Delivery	SUM	1.00		

4	Operation and Maintenance Manuals	No	1.00
5	Testing Balancing and Commissioning	SUM	1.00
6	Allow for Periodic Maintenance Prior To Practical Completion (If Installation Completed Well Ahead Of S	SUM	1.00
7	Allow for 12 months Maintenance Period After Practical Completion	SUM	1.00
8	Training of technical staff (End User)	SUM	1.00
9	Equipment Guarantee	SUM	1.00
10	Allow for connections to existing gas line	SUM	1.00
	MEDICAL GAS PLANTROOM	H2	-
	Medical Vacuum Plant	H3	-
	Supply, install, test and commission entire vacuum plant, as detailed on the drawings and specified elsewhere, summarised as follows:		-
	Medical vacuum pumps, receivers & filters	H4	-
11	i) Medical vacuum pumps, 100 m3/hr, air cooled, rotary vane type, with antivibration mountings, as specified	No	1.00
12	ii) Receiver tank, 1500L horizontal, with mounting stand and gauge, as specified	No	1.00
13	iii) Bacterial filter arrangement with drain points as specified	No	2.00
	Shut off valves on medical grade copper pipe line	H4	-
14	i) OD 41.28mm	No	1.00
15	i) OD 34.93 mm	m	1.00
16	ii) 50mm class 12 HDPP pipe, flexible connections to 50mm pipeline, fittings, insect screen for the exhaust, etc	Item	1.00
	Pipes and fittings for entire installation	H4	-
17	Medical grade copper tubes with brazed joints in accordance with BS EN 737-1 and BS EN 13348.	Item	1.00
	Vacuum traps	H4	-
18	Vacuum traps	No	6.00
	Electrical connections	H4	-
19	i) Motor control panel for vacuum system Power cables for vacuum system including open trays provided from isolator to the termination at the units, including final electrical connection to equipment	No	1.00
20	Label piped gases installation within the plantroom	Item	1.00
21	Test and commission Vacuum Plant installation	Item	1.00
	Oxygen plant	H4	-
22	Medical oxygen manifold 2 x 15 cylinders with automatic change over assembly, pigtails, emergency plug-in point and associated signalisation, support rack for cylinders c/w midrail chain as specified	No	1.00
	Pipes and fittings	H4	-
23	Medical grade copper tubes with brazed joints in accordance with BS EN 737-1 and BS EN 13348.	Item	1.00
24	Label piped gases installation within manifold plantroom	Item	1.00
25	Test and commission piped gases installation within the manifold plantroom	Item	1.00
	Medical gas alarm	H4	-
26	Main alarm panel complete with pressure switches and wiring.	Item	1.00
27	Label piped gases installation within the plantroom	Item	1.00
28	Test and commission Oxygen Plant installation	Item	1.00
	Ground Floor Medical Gas Services Installation	H2	-
	Supply, deliver, install, test and commission complete piped gases installation in the for Ground Floor as detailed below.		-

	Pipework	H4	-
	Medical grade copper tubes with brazed joints in accordance with BS EN 737-1 and BS EN 13348		-
29	i) OD 34.93 mm	m	6.00
30	ii) OD 28.58 mm	m	6.00
31	iii) OD 22.23 mm	m	6.00
32	iv) OD 15.88 mm	m	6.00
33	v) OD 12.70 mm	m	6.00
34	vi) OD 9.53 mm	m	6.00
	Pipework fittings - tees	H4	-
	Medical grade copper brazed joints in accordance with BS EN 737-1 and BS EN 13348		-
35	i) OD 34.93 mm	No	1.00
36	ii) OD 28.58 mm	No	1.00
37	iii) OD 22.23 mm	No	1.00
38	iv) OD 15.88 mm	No	1.00
39	v) OD 12.70 mm	No	1.00
40	vi) OD 9.53 mm	No	1.00
	Pipework fittings - reducers	H4	-
	Medical grade copper brazed joints in accordance with BS EN 737-1 and BS EN 13348		-
41	i) 35-28 mm	No	1.00
42	ii) 28-22 mm	No	1.00
43	iii) 22-15 mm	No	1.00
44	iv) 15-12 mm	No	1.00
45	v) 12-10 mm	No	1.00
	Pipework fittings - bends	H4	-
46	i) OD 34.93 mm	No	1.00
47	ii) OD 28.58 mm	m	1.00
48	iii) OD 22.23 mm	m	1.00
49	iv) OD 15.88 mm	m	1.00
50	v) OD 12.70 mm	m	1.00
51	vi) OD 9.53 mm	m	1.00
	Pipework fittings - couplings	H4	-
52	i) OD 34.93 mm	No	1.00
53	ii) OD 28.58 mm	m	1.00
54	iii) OD 22.23 mm	m	1.00
55	iv) OD 15.88 mm	m	1.00
56	v) OD 12.70 mm	m	1.00
57	vi) OD 9.53 mm	m	1.00
	Sectional isolating valves	H4	-
58	i) OD 34.93 mm	No	1.00
59	ii) OD 28.58 mm	m	1.00
60	iii) OD 22.23 mm	m	1.00
61	iv) OD 15.88 mm	m	1.00

	Isolation valve box	H4	-
62	1-valve isolation valve box complete with valves	No	2.00
63	2-valve isolation valve box complete with valves	No	2.00
	Vacuum traps	H4	-
64	Vacuum traps complete with isolating valves	No	2.00
	Pipework supports	H4	-
65	Open type, medium duty, trays 100mm wide for piped reticulation inclusive of tertiary supports and fixing on the provided unistrut members at 1200mm distances	Item	1.00
	Medical gas alarm	H4	-
66	Zone alarm panel complete with pressure switches and wiring.	No	2.00
	Terminal units	H4	-
	Medical gas specific terminal units complete to BS EN 737, labelled and fixed as specified including final termination of pipes to the terminal units.		-
67	Oxygen	No	1.00
68	Vacuum	No	1.00
69	Labelling of pipework, valves and terminal units	Item	1.00
	First Floor Medical Gas Services Installation	H2	-
	Supply, deliver, install, test and commission complete piped gases installation in the for Ground Floor as detailed below.		-
	Pipework	H4	-
	Medical grade copper tubes with brazed joints in accordance with BS EN 737-1 and BS EN 13348		-
70	i) OD 34.93 mm	m	6.00
71	ii) OD 28.58 mm	m	6.00
72	iii) OD 22.23 mm	m	6.00
73	iv) OD 15.88 mm	m	6.00
74	v) OD 12.70 mm	m	6.00
75	vi) OD 9.53 mm	m	6.00
	Pipework fittings - tees	H4	-
	Medical grade copper brazed joints in accordance with BS EN 737-1 and BS EN 13348		-
76	i) OD 34.93 mm	No	1.00
	ii) OD 28.58 mm	No	1.00
77	iii) OD 22.23 mm	No	1.00
78	iv) OD 15.88 mm	No	1.00
79	v) OD 12.70 mm	No	1.00
80	vi) OD 9.53 mm	No	1.00
	Pipework fittings - reducers	H4	-
	Medical grade copper brazed joints in accordance with BS EN 737-1 and BS EN 13348		-
81	i) 35-28 mm	No	1.00
82	ii) 28-22 mm	No	1.00
83	iii) 22-15 mm	No	1.00
84	iv) 15-12 mm	No	1.00
85	v) 12-10 mm	No	1.00
	Pipework fittings - bends	H4	-
86	i) OD 34.93 mm	No	1.00

87	ii) OD 28.58 mm	m	1.00
88	iii) OD 22.23 mm	m	1.00
89	iv) OD 15.88 mm	m	1.00
90	v) OD 12.70 mm	m	1.00
91	vi) OD 9.53 mm	m	1.00
	Pipework fittings - couplings	H4	-
92	i) OD 34.93 mm	No	1.00
93	ii) OD 28.58 mm	m	1.00
94	iii) OD 22.23 mm	m	1.00
95	iv) OD 15.88 mm	m	1.00
96	v) OD 12.70 mm	m	1.00
97	vi) OD 9.53 mm	m	1.00
	Sectional isolating valves	H4	-
98	i) OD 34.93 mm	No	1.00
99	ii) OD 28.58 mm	m	1.00
100	iii) OD 22.23 mm	m	1.00
101	iv) OD 15.88 mm	m	1.00
	Isolation valve box	H4	-
102	2-valve isolation valve box complete with valves	No	2.00
	Vacuum traps	H4	-
103	Vacuum traps complete with isolating valves	No	2.00
	Pipework supports	H4	-
104	Open type, medium duty, trays 100mm wide for piped reticulation inclusive of tertiary supports and fixing on the provided unistrut members at 1200mm distances	No	1.00
	Medical gas alarm	H4	-
105	Zone alarm panel complete with pressure switches and wiring.	No	2.00
	Terminal units	H4	-
	Medical gas specific terminal units complete to BS EN 737, labelled and fixed as specified including final termination of pipes to the terminal units.		-
106	Oxygen	No	1.00
107	Vacuum	No	1.00
108	Labelling of pipework, valves and terminal units	Item	1.00
	Second Floor Medical Gas Services Installation	H2	-
	Supply, deliver, install, test and commission complete piped gases installation in the for Ground Floor as detailed below.		-
	Pipework	H4	-
	Medical grade copper tubes with brazed joints in accordance with BS EN 737-1 and BS EN 13348		-
109	i) OD 34.93 mm	m	6.00
110	ii) OD 28.58 mm	m	6.00
111	iii) OD 22.23 mm	m	6.00
112	iv) OD 15.88 mm	m	6.00
113	v) OD 12.70 mm	m	6.00
114	vi) OD 9.53 mm	m	6.00
	Pipework fittings - tees	H4	-

	Medical grade copper brazed joints in accordance with BS EN 737-1 and BS EN 13348		-
115	i) OD 34.93 mm	No	1.00
116	ii) OD 28.58 mm	No	1.00
117	iii) OD 22.23 mm	No	1.00
118	iv) OD 15.88 mm	No	1.00
119	v) OD 12.70 mm	No	1.00
120	vi) OD 9.53 mm	No	1.00
	Pipework fittings - reducers	H4	-
	Medical grade copper brazed joints in accordance with BS EN 737-1 and BS EN 13348		-
121	i) 35-28 mm	No	1.00
122	ii) 28-22 mm	No	1.00
123	iii) 22-15 mm	No	1.00
124	iv) 15-12 mm	No	1.00
125	v) 12-10 mm	No	1.00
	Pipework fittings - bends	H4	-
126	i) OD 34.93 mm	No	1.00
127	ii) OD 28.58 mm	m	1.00
128	iii) OD 22.23 mm	m	1.00
129	iv) OD 15.88 mm	m	1.00
130	v) OD 12.70 mm	m	1.00
131	vi) OD 9.53 mm	m	1.00
	Pipework fittings - couplings	H4	-
132	i) OD 34.93 mm	No	1.00
133	ii) OD 28.58 mm	m	1.00
134	iii) OD 22.23 mm	m	1.00
135	iv) OD 15.88 mm	m	1.00
136	v) OD 12.70 mm	m	1.00
137	vi) OD 9.53 mm	m	1.00
	Sectional isolating valves	H4	-
138	i) OD 34.93 mm	No	1.00
139	ii) OD 28.58 mm	m	1.00
140	iii) OD 22.23 mm	m	1.00
141	iv) OD 15.88 mm	m	1.00
	Isolation valve box	H4	-
142	2-valve isolation valve box complete with valves	No	2.00
	Vacuum traps	H4	-
143	Vacuum traps complete with isolating valves	No	2.00
	Pipework supports	H4	-
144	Open type, medium duty, trays 100mm wide for piped reticulation inclusive of tertiary supports and fixing on the provided unistrut members at 1200mm distances	No	1.00
	Medical gas alarm	H4	-
145	Zone alarm panel complete with pressure switches and wiring.	No	2.00
	Terminal units	H4	-

	Medical gas specific terminal units complete to BS EN 737, labelled and fixed as specified including final termination of pipes to the terminal units.		-		
146	Oxygen	No	1.00		
147	Vacuum	No	1.00		
148	Labelling of pipework, valves and terminal units	Item	1.00		
	PROVISIONAL SUMS	H2	-		
	Include the following Provisional Sums which may be utilised or omitted at the discretion of the Engineer), in the Tender or omitted and the description of Engineer or Client		-		
149	Provisional Sum for Contingencies Temporary Gas bottles plus manifolds	Item	1.00	100,000.00	100,000.00
			-		
	SECTION NO. 7	H1	-		
	BILL NO. 1	H1	-		
	GROUND FLOOR ELECTRICAL INSTALLATION	H1	-		
	Distribution Boards	H2	-		
	Supply, installation and commissioning of Kiosk, Distribution Boards, including making off all wire connections (external wiring, conduit, armoured cable and terminations given elsewhere). Special note, the accessories are inclusive on the quoted price (e.g Circuit breakers)	H4	-		
1	Supply Main Distribution Board	No	1.00		
2	Install Main Distribution Board	No	1.00		
3	Supply Linac/CT scan Distribution Board	No	4.00		
4	Install Linac/CT scan Distribution Board	No	4.00		
	Security System	H2	-		
	Installation of Camera Sytem equipment and All Access Control Systems as specified of the Detailed Specification.	H4	-		
5	Supply 360 Degree resolution CCTV Camera	No	23.00		
6	Install 360 Degree resolution CCTV Camera	No	23.00		
7	Supply Double Door Access Controller Panel	No	8.00		
8	Install Double Door Access Controller Panel	No	8.00		
9	Supply Fingerprint Keypad Reader-Standalone	No	8.00		
10	Install Fingerprint Keypad Reader-Standalone	No	8.00		
11	Supply Magnetic Lock 544 KG Holding Force	No	8.00		
12	Install Magnetic Lock 544 KG Holding Force	No	8.00		
13	Supply Emergency Door Release Call Point (Breaker Glass)	No	8.00		
14	Install Emergency Door Release Call Point (Breaker Glass)	No	8.00		
15	Supply CCTV Monitor Screen	No	4.00		
16	Install CCTV Monitor Screen	No	4.00		
	Ancillary Distribution Boards and Outlets	H2	-		
	Supply and installation of the following metal Ancillary Distribution Boards and coverplates for Data and Telephone outlets. (Conduit and Conduit boxes given elsewhere).	H4	-		
17	Supply Telephone Distribution Board (450mm x 450mm).	No	2.00		
18	Install Supply Telephone Distribution Board (450mm x 450mm).	No	2.00		
19	Supply Data Distribution Board (450mm x 450mm)	No	2.00		
20	Install Data Distribution Board (450mm x 450mm)	No	2.00		
21	Supply Data, Telephone and Ancillary Coverplates	No	32.00		
22	Install Data, Telephone and Ancillary Coverplates	No	32.00		

	Cables	H2	-
	Supply, delivery and laying of PVC/SWA/PVC ECC Aluminium cables as specified, excluding terminations and cable supports. Lengths given shall be taken as measured lengths to cable runs from terminal to terminal and rates quoted shall include for off-cuts.	H4	-
23	Supply 240mm2 4C Copper Cable PVC Mains 600/1000V	m	50.00
24	Install 240mm2 4C Copper Cable PVC Mains 600/1000V	m	50.00
25	Supply 185mm2 4C Copper Cable PVC Mains 600/1000V	m	50.00
26	Install 185mm2 4C Copper Cable PVC Mains 600/1000V	m	50.00
27	Supply 120mm2 4C Copper Cable PVC Mains 600/1000V	m	30.00
28	Install 120mm2 4C Copper Cable PVC Mains 600/1000V	m	30.00
	Cable Terminations	H2	-
	Including the supply and fitting of Pratley Cable gland, shroud, making off the cable and fitting the gland to gland plates, switchgear or equipment including final connections of cable tails with lugs onto board terminals and including earth in ECC cable.	H4	-
29	Supply 240mm2 4C Copper Cable PVC Mains 600/1000V	m	8.00
30	Install 240mm2 4C Copper Cable PVC Mains 600/1000V	m	8.00
31	Supply 185mm2 4C Copper Cable PVC Mains 600/1000V	m	8.00
32	Install 185mm2 4C Copper Cable PVC Mains 600/1000V	m	8.00
33	Supply 120mm2 4C Copper Cable PVC Mains 600/1000V	m	8.00
34	Install 120mm2 4C Copper Cable PVC Mains 600/1000V	m	8.00
	Cable Sleeves	H2	-
	Supply and Installation of Cable Sleeves as specified, in trenches or cast in concrete, excluding trenching or backfilling.	H4	-
35	Supply 110mm Ø Flexible Cable Sleeve	m	20.00
36	Install 110mm Ø Flexible Cable Sleeve	m	20.00
37	Supply 75mm Ø Rigid Cable Sleeve	m	20.00
38	Install 75mm Ø Rigid Cable Sleeve	m	20.00
	EXTRA ON upvc piping for:	H4	-
39	100mm Diameter long radius bend	m3	50.00
	EXCAVATIONS	H2	-
40	In trenches for cables and sleeves	m3	50.00
41	extra over soft excavation intermediate	m3	50.00
42	extra over soft excavation in hard rock	m3	50.00
	Conduit	H2	-
	Supply and installation of PVC conduit. Lengths given shall be taken as measured horizontal and vertical runs between conduit terminations. Rates quoted shall allow for wastage, offcuts, couplings, cuttings, bending, jointing socket and tees.	H4	-
43	Supply 20mm Conduit	m	200.00
44	Install 20mm Conduit	m	200.00
45	Supply 25mm Conduit	m	397.00
46	Install 25mm Conduit	m	397.00
	Conduit Boxes and Ends	H2	-
	Terminate and connect one pair of conduit ends including supply and installation of 1, 2, 3 or 4 way box on surface or in brickwork. (excluding coverplates), including holes for conduit.	H4	-
47	Supply 20mm Conduit (75mm Ø) Round Box	No	50.00
48	Install 20mm Conduit (75mm Ø) Round Box	No	50.00

49	Supply 20mm Conduit (50 x 100mm) PVC Box	No	50.00
50	Install 20mm Conduit (50 x 100mm) PVC Box	No	50.00
51	Supply 25mm Conduit (100 x 100mm) PVC Box	No	147.00
52	Install 25mm Conduit (100 x 100mm) PVC Box	No	147.00
	Conduit Ends	H2	-
	Terminate and connect one pair of conduit ends including lock nuts, bushes, etc. connecting into board tray, wiring channel etc. including cutting holes for conduit entries, but excluding conduit box.	H4	-
53	Supply 20mm uPVC Conduit	No	50.00
54	Install 20mm uPVC Conduit	No	50.00
55	Supply 25mm uPVC Conduit	No	147.00
56	Install 25mm uPVC Conduit	No	147.00
	Conductors	H2	-
	Supply and installation of PVC insulated copper conductors drawn into conduit or wiring channel in groups of 2, 3, 4, etc. with the required colour coding, but excluding any wiring connections.	H4	-
57	Supply 2,5 mm ² PVC Conductors Red	m	1,500.00
58	Install 2,5 mm ² PVC Conductors Red	m	1,500.00
59	Supply 2,5 mm ² PVC Conductors Black	m	2,000.00
60	Install 2,5 mm ² PVC Conductors Black	m	2,000.00
61	supply 2,5 mm ² PVC Conductors Blue	m	2,000.00
62	Install 2,5 mm ² PVC Conductors Blue	m	2,000.00
63	supply 2,5 mm ² PVC Conductors Earth	m	2,000.00
64	Install 2,5 mm ² PVC Conductors Earth	m	2,000.00
65	Supply 4 x 2 PVC Wall Box	No	240.00
66	Install 4 x 2 PVC Wall Box	No	240.00
67	Supply Hospital Saddle	No	200.00
68	Install Hospital Saddle	No	200.00
69	Supply 4-Way Box PVC	No	150.00
70	Install 4-Way Box PVC	No	150.00
71	Supply 4 mm ² PVC Conductors Blue	m	1,300.00
72	Install 4 mm ² PVC Conductors Blue	m	1,300.00
73	Supply 4 mm ² PVC Conductors Brown	m	1,300.00
74	Install 4 mm ² PVC Conductors Brown	m	1,300.00
75	Supply 4 mm ² PVC Conductors Earth	m	1,300.00
76	Install 4 mm ² PVC Conductors Earth	m	1,300.00
77	supply Adaptors 25mm	m	100.00
78	Install Adaptors 25mm	m	100.00
79	Supply 4 x 4 PVC Wall Box	m	240.00
80	Install 4 x 4 PVC Wall Box	m	240.00
81	Supply Coupling 25mm	m	500.00
82	Install Coupling 25mm	m	500.00
	Light Switches	H2	-
	Supply, fitting and electrical connection of a Legrand type flush or surface mounted 16A switch in 100 x 50 excluding box (for flush type) and conduit connections, but including cover plates.	H4	-
83	Supply 16A 1 Lever 1 Way	No	50.00

84	Install 16A 1 Lever 1 Way	No	50.00
85	supply 16A 1 Lever 2 Way	No	10.00
86	Install 16A 1 Lever 2 Way	No	10.00
	Luminaires	H2	-
	Mounting, fixing and electrically connecting the following luminaires, complete with lamps as specified in Section E of the Detailed Specification.	H4	-
87	Supply B1 36w 1200 x 600 LED Panel Surface Mount Non-Dimmable, 3400lm, 5000k, with five year warranty.	No	50.00
88	Install Supply B1 36w 1200 x 600 LED Panel Surface Mount Non-Dimmable, 3400lm, 5000k, with five year warranty.	No	50.00
89	Supply Type C1 Vandal Proof Osram/LED Vance Downlight LED Slim Round 18w 300k, with five year warranty.	No	420.00
90	Install Type C1 Vandal Proof Osram/LED Vance Downlight LED Slim Round 18w 300k, with five year warranty.	No	420.00
91	Supply Type C1.1 Vandal Proof Osram/LED Vance Downlight LED Slim Round 18w 300k, with five year warranty.	No	50.00
92	Install Type C1.1 Vandal Proof Osram/LED Vance Downlight LED Slim Round 18w 300k, with five year warranty.	No	50.00
93	Supply Type F1 100W Adjustable IP65 LED Floodlight, salt Spray tested Coastal Quality, 130lm/W 4000K, Black, with five year warranty.	No	20.00
94	Install Type F1 100W Adjustable IP65 LED Floodlight, salt Spray tested Coastal Quality, 130lm/W 4000K, Black, with five year warranty.	No	20.00
95	Supply Type W1 Generic ABS Warning Light, 12/24V DC Durable Beacon Light, Flexible Hospital	No	4.00
96	Install Type W1 Generic ABS Warning Light, 12/24V DC Durable Beacon Light, Flexible Hospital	No	4.00
	Daylight Switch	H2	-
	Supply and installation of approved daylight switch.	H4	-
97	Supply Daylight Switch	No	2.00
98	Install Daylight Switch	No	2.00
	Powerskirting	H2	-
99	Supply Powerskirting	m	100.00
100	Install Powerskirting	m	100.00
101	Supply RJ11 Connector with cradle/ cover and mod blank	m	25.00
102	Install RJ11 Connector with cradle/ cover and mod blank	m	25.00
103	Supply RJ45 Connector with cradle/ cover mod blank	m	25.00
104	Install RJ45 Connector with cradle/ cover mod blank	m	25.00
105	Supply Elbows Internal/External	No	30.00
106	Install Elbows Internal/External	No	30.00
107	Supply End Caps	No	60.00
108	Install End Caps	No	60.00
109	Supply Cover Joiner Clips	No	30.00
110	Install Cover Joiner Clips	No	30.00
111	Supply 16A SSO's c/w cover on Powerskirting	No	30.00
112	Install 16A SSO's c/w cover on Powerskirting	No	30.00
	Socket Outlets	H2	-
	Supply, fitting and electrical connection of flush or surface mounted Legrand type switched socket in either 100 x 100, 100 x 50, round box or wiring channel, excluding box (for flush type) and conduit connections, but including cover plate.	H4	-
113	Supply 5A Single SSO c/w coverplate.Legrand type.	No	12.00

114	Install 5A Single SSO c/w coverplate.Legrand type.	No	12.00
115	Supply 16A Double SSO c/w coverplate.Legrand type.	No	160.00
116	Install 16A Double SSO c/w coverplate.Legrand type.	No	160.00
117	Supply 16A Dedicated Double SSO c/w coverplate.Legrand type.	No	100.00
118	Install 16A Dedicated Double SSO c/w coverplate.Legrand type.	No	100.00
119	Supply Bedhead Trunking with 3xSingle SSO (Essential/UPS), 2x Single SSO (Normal) and Medical Gas Outlets	No	10.00
120	Install Bedhead Trunking with 3xSingle SSO (Essential/UPS), 2x Single SSO (Normal) and Medical Gas Outlets	No	10.00
	Isolators	H2	-
	Supply, fitting and electrical connection of flush or surface mounted Metal Clad Isolators in either 100 x 100, 100 x 50, round box or wiring channel, excluding box (for flush type) and conduit connections, but including cover plate. For more details please refer to the specific drawings	H4	-
121	Supply 10A Double2 Pole Flush waterproof Isolator for HVAC	No	25.00
122	Install 10A Double2 Pole Flush waterproof Isolator for HVAC	No	25.00
123	Supply 20A Double2 Pole Flush waterproof Isolator for Alavator	No	2.00
124	Install 20A Double2 Pole Flush waterproof Isolator for Alavator	No	2.00
125	Supply 32A Double2 Pole Flush waterproof Isolator for Handdry	No	3.00
126	Install 32A Double2 Pole Flush waterproof Isolator for Handdry	No	3.00
127	Supply 60A 4 Pole Flush waterproof Isolator for VRV	No	4.00
128	Install 60A 4 Pole Flush waterproof Isolator for VRV	No	4.00
	Electrical connection of appliances and installations.	H4	-
129	Total Airconditioning Plant (Internal/External Units): Single and three phase	No	68.00
	TELEPHONE INSTALLATION	H2	-
	Supply and installation of the following items for the Telephone Installation	H4	-
130	Supply 25mm PVC Conduit	m	150.00
131	Install 25mm PVC Conduit	m	150.00
132	Supply 25mm PVC Conduit end	No	20.00
133	Install 25mm PVC Conduit end	No	20.00
134	Supply 25mm PVC Conduit box	No	20.00
135	Install 25mm PVC Conduit box	No	20.00
	DATA INSTALLATION	H2	-
	Supply and installation of the following items for the Data installation	H4	-
136	Supply 25mm PVC Conduit	m	200.00
137	Install 25mm PVC Conduit	m	200.00
138	Supply 25mm PVC Conduit end	No	20.00
139	Install 25mm PVC Conduit end	No	20.00
140	Supply 25mm PVC Conduit box	No	20.00
141	Install 25mm PVC Conduit box	No	20.00
	Nurse Call System	H2	-
	Supply and installation of approved Nurse Call System. Special note, the accessories are inclusive on the quoted price	H4	-
142	Supply Nurse call Panel	No	6.00
143	Install Nurse call Panel	No	6.00
144	Supply PA System	No	6.00

145	Install PA System	No	6.00
146	Supply Microphone	m	6.00
147	Install Supply Microphone	m	6.00
148	Supply Nurse call Station Telephone	No	6.00
149	Install Nurse call Station Telephone	No	6.00
150	Supply DPSPPA DSP124 Round 6.5 Inch Ceiling Speaker. Loud Speaker for PA System	No	8.00
151	Install DPSPPA DSP124 Round 6.5 Inch Ceiling Speaker. Loud Speaker for PA System	No	8.00
	Cables	H2	-
152	Supply, of Fibre Optic cable (Fibrework/Krone or other Approved) in wire way & CAT5.	m	1,500.00
153	Install, of Fibre Optic cable (Fibrework/Krone or other Approved) in wire way & CAT5.	m	1,500.00
	Wireway Installation (for Electrical Supply Cables)	H2	-
154	Supply 114mm Wide Medium Duty Galvanized Return Flange Cable Tray. Mounted Underside of Ceiling Complete with all Accessories. Covers, 90° Bends, T-Junctions and rnd Caps etc.	m	2,000.00
155	Install 114mm Wide Medium Duty Galvanized Return Flange Cable Tray. Mounted Underside of Ceiling Complete with all Accessories. Covers, 90° Bends, T-Junctions and rnd Caps etc.	m	2,000.00
			-
	SECTION NO. 7	H1	-
	BILL NO. 2	H1	-
	FIRST FLOOR ELECTRICAL INSTALLATION	H1	-
	Distribution Boards	H2	-
	Supply, installation and commissioning of Kiosk, Distribution Boards, including making off all wire connections (external wiring, conduit, armoured cable and terminations given elsewhere). Special note, the accessories are inclusive on the quoted price (e.g Circuit breakers)	H4	-
1	Supply Main Distribution Board	No	1.00
2	Install Main Distribution Board	No	1.00
3	Supply Main Distribution Board	No	2.00
4	Install Main Distribution Board	No	2.00
	Security System	H2	-
	Installation of Camera Sytem equipment and All Access Control Systems as specified of the Detailed Specification.	H4	-
5	Supply 360 Degree resolution CCTV Camera	No	6.00
6	Install 360 Degree resolution CCTV Camera	No	6.00
7	Supply CCTV Monitor Screen	No	2.00
8	Install CCTV Monitor Screen	No	2.00
	Cables	H2	-
9	Supply of Fibre Optic cable (Fibrework/Krone or other Approved) in wire way & CAT6.	m	1,000.00
10	Install of Fibre Optic cable (Fibrework/Krone or other Approved) in wire way & CAT6.	m	1,000.00
	Ancillary Distribution Boards and Outlets	H2	-
	Supply and installation of the following metal Ancillary Distribution Boards and coverplates for Data and Telephone outlets. (Conduit and Conduit boxes given elsewhere).	H4	-
11	Supply Telephone Distribution Board (450mm x 450mm).	No	1.00
12	Install Supply Telephone Distribution Board (450mm x 450mm).	No	1.00
13	Supply Data Distribution Board (450mm x 450mm)	No	1.00

14	Install Data Distribution Board (450mm x 450mm)	No	1.00
15	Supply Data, Telephone and Ancillary Coverplates	No	20.00
16	Install Data, Telephone and Ancillary Coverplates	No	20.00
	Cables	H2	-
	Supply, delivery and laying of PVC/SWA/PVC ECC Aluminium cables as specified, excluding terminations and cable supports. Lengths given shall be taken as measured lengths to cable runs from terminal to terminal and rates quoted shall include for off-cuts.	H4	-
17	Supply 240mm2 4C Copper Cable PVC Mains 600/1000V	m	50.00
18	Install 240mm2 4C Copper Cable PVC Mains 600/1000V	m	50.00
19	Supply 185mm2 4C Copper Cable PVC Mains 600/1000V	m	30.00
20	Install 185mm2 4C Copper Cable PVC Mains 600/1000V	m	30.00
21	Supply 120mm2 4C Copper Cable PVC Mains 600/1000V	m	20.00
22	Install 120mm2 4C Copper Cable PVC Mains 600/1000V	m	20.00
	Cable Terminations	H2	-
	Including the supply and fitting of Pratley Cable gland, shroud, making off the cable and fitting the gland to gland plates, switchgear or equipment including final connections of cable tails with lugs onto board terminals and including earth in ECC cable.	H4	-
23	Supply 240mm2 4C Copper Cable PVC Mains 600/1000V	m	8.00
24	Install 240mm2 4C Copper Cable PVC Mains 600/1000V	m	8.00
25	Supply 185mm2 4C Copper Cable PVC Mains 600/1000V	m	8.00
26	Install 185mm2 4C Copper Cable PVC Mains 600/1000V	m	8.00
27	Supply 120mm2 4C Copper Cable PVC Mains 600/1000V	m	8.00
28	Install 120mm2 4C Copper Cable PVC Mains 600/1000V	m	8.00
	Cable Sleeves	H2	-
	Supply and Installation of Cable Sleeves as specified, in trenches or cast in concrete, excluding trenching or backfilling.	H4	-
29	Supply 110mm Ø Flexible Cable Sleeve	m	20.00
30	Install 110mm Ø Flexible Cable Sleeve	m	20.00
31	Supply 75mm Ø Rigid Cable Sleeve	m	20.00
32	Install 75mm Ø Rigid Cable Sleeve	m	20.00
	EXTRA ON upvc piping for:	H4	-
33	100mm Diameter long radius bend	m3	50.00
	EXCAVATIONS	H2	-
34	In trenches for cables and sleeves	m3	30.00
35	extra over soft excavation intermediate	m3	30.00
36	extra over soft excavation in hard rock	m3	30.00
	Conduit	H2	-
	Supply and installation of PVC conduit. Lengths given shall be taken as measured horizontal and vertical runs between conduit terminations. Rates quoted shall allow for wastage, offcuts, couplings, cuttings, bending, jointing socket and tees.	H4	-
37	Supply 20mm Conduit	m	200.00
38	Install 20mm Conduit	m	200.00
39	Supply 25mm Conduit	m	400.00
40	Install 25mm Conduit	m	400.00
	Conduit Boxes and Ends	H2	-

	Terminate and connect one pair of conduit ends including supply and installation of 1, 2, 3 or 4 way box on surface or in brickwork. (excluding coverplates), including holes for conduit.	H4	-
41	Supply 20mm Conduit (75mm Ø) Round Box	No	340.00
42	Install 20mm Conduit (75mm Ø) Round Box	No	340.00
43	Supply 20mm Conduit (50 x 100mm) PVC Box	No	80.00
44	Install 20mm Conduit (50 x 100mm) PVC Box	No	80.00
45	Supply 25mm Conduit (100 x 100mm) PVC Box	No	120.00
46	Install 25mm Conduit (100 x 100mm) PVC Box	No	120.00
	Conduit Ends	H2	-
	Terminate and connect one pair of conduit ends including lock nuts, bushes, etc. connecting into board tray, wiring channel etc. including cutting holes for conduit entries, but excluding conduit box.	H4	-
47	Supply 20mm uPVC Conduit	No	100.00
48	Install 20mm uPVC Conduit	No	100.00
49	Supply 25mm uPVC Conduit	No	160.00
50	Install 25mm uPVC Conduit	No	160.00
	Conductors	H2	-
	Supply and installation of PVC insulated copper conductors drawn into conduit or wiring channel in groups of 2, 3, 4, etc. with the required colour coding, but excluding any wiring connections.	H4	-
51	Supply 2,5 mm ² PVC Conductors Red	m	2,500.00
52	Install 2,5 mm ² PVC Conductors Red	m	2,500.00
53	Supply 2,5 mm ² PVC Conductors Black	m	3,000.00
54	Install 2,5 mm ² PVC Conductors Black	m	3,000.00
55	supply 2,5 mm ² PVC Conductors Blue	m	3,000.00
56	Install 2,5 mm ² PVC Conductors Blue	m	3,000.00
57	supply 2,5 mm ² PVC Conductors Earth	m	3,000.00
58	Install 2,5 mm ² PVC Conductors Earth	m	3,000.00
59	Supply 4 x 2 PVC Wall Box	No	240.00
60	Install 4 x 2 PVC Wall Box	No	240.00
61	Supply Hospital Saddle	No	200.00
62	Install Hospital Saddle	No	200.00
63	Supply 4-Way Box PVC	No	150.00
64	Install 4-Way Box PVC	No	150.00
65	Supply 4 mm ² PVC Conductors Blue	m	1,000.00
66	Install 4 mm ² PVC Conductors Blue	m	1,000.00
67	Supply 4 mm ² PVC Conductors Brown	m	1,000.00
68	Install 4 mm ² PVC Conductors Brown	m	1,000.00
69	Supply 4 mm ² PVC Conductors Earth	m	1,000.00
70	Install 4 mm ² PVC Conductors Earth	m	1,000.00
71	supply Adaptors 25mm	m	100.00
72	Install Adaptors 25mm	m	100.00
73	Supply 4 x 4 PVC Wall Box	m	240.00
74	Install 4 x 4 PVC Wall Box	m	240.00
75	Supply Coupling 25mm	m	500.00
76	Install Coupling 25mm	m	500.00

	Light Switches	H2	-
	Supply, fitting and electrical connection of a Legrand type flush or surface mounted 16A switch in 100 x 50 excluding box (for flush type) and conduit connections, but including cover plates.	H4	-
77	Supply 16A 1 Lever 1 Way	No	60.00
78	Install 16A 1 Lever 1 Way	No	60.00
79	supply 16A 1 Lever 2 Way	No	10.00
80	Install 16A 1 Lever 2 Way	No	10.00
	Luminaires	H2	-
	Mounting, fixing and electrically connecting the following luminaires, complete with lamps as specified in Section E of the Detailed Specification.	H4	-
81	Supply B1 36w 1200 x 600 LED Panel Surface Mount Non-Dimmable, 3400lm, 5000k, with five year warranty.	No	30.00
82	Install Supply B1 36w 1200 x 600 LED Panel Surface Mount Non-Dimmable, 3400lm, 5000k, with five year warranty.	No	30.00
83	Supply Type C1 Vandal Proof Osram/LED Vance Downlight LED Slim Round 18w 300k, with five year warranty.	No	210.00
84	Install Type C1 Vandal Proof Osram/LED Vance Downlight LED Slim Round 18w 300k, with five year warranty.	No	210.00
85	Supply Type C1.1 Vandal Proof Osram/LED Vance Downlight LED Slim Round 18w 300k, with five year warranty.	No	110.00
86	Install Type C1.1 Vandal Proof Osram/LED Vance Downlight LED Slim Round 18w 300k, with five year warranty.	No	110.00
87	Supply Type W1 Generic ABS Warning Light, 12/24V DC Durable Beacon Light, Flexible Hospital	No	5.00
88	Install Type W1 Generic ABS Warning Light, 12/24V DC Durable Beacon Light, Flexible Hospital	No	5.00
	Daylight Switch	H2	-
	Supply and installation of approved daylight switch.	H4	-
	Powerskirting	H2	-
89	Supply Powerskirting	m	50.00
90	Install Powerskirting	m	50.00
91	Supply RJ11 Connector with cradle/ cover and mod blank	m	20.00
92	Install RJ11 Connector with cradle/ cover and mod blank	m	25.00
93	Supply RJ45 Connector with cradle/ cover mod blank	m	20.00
94	Install RJ45 Connector with cradle/ cover mod blank	m	20.00
95	Supply Elbows Internal/External	No	20.00
96	Install Elbows Internal/External	No	20.00
97	Supply End Caps	No	30.00
98	Install End Caps	No	30.00
99	Supply Cover Joiner Clips	No	15.00
100	Install Cover Joiner Clips	No	15.00
101	Supply 16A SSO's c/w cover on Powerskirting	No	16.00
102	Install 16A SSO's c/w cover on Powerskirting	No	16.00
	Socket Outlets	H2	-
	Supply, fitting and electrical connection of flush or surface mounted Legrand type switched socket in either 100 x 100, 100 x 50, round box or wiring channel, excluding box (for flush type) and conduit connections, but including cover plate.	H4	-
103	Supply 5A Single SSO c/w coverplate.Legrand type.	No	4.00
104	Install 5A Single SSO c/w coverplate.Legrand type.	No	4.00

105	Supply 16A Double SSO c/w coverplate.Legrand type.	No	80.00
106	Install 16A Double SSO c/w coverplate.Legrand type.	No	80.00
107	Supply 16A Dedicated Double SSO c/w coverplate.Legrand type.	No	40.00
108	Install 16A Dedicated Double SSO c/w coverplate.Legrand type.	No	40.00
109	Supply Bedhead Trunking with 3xSingle SSO (Essential/UPS), 2x Single SSO (Normal) and Medical Gas Outlets	No	40.00
110	Install Bedhead Trunking with 3xSingle SSO (Essential/UPS), 2x Single SSO (Normal) and Medical Gas Outlets	No	40.00
	Wireway Installation (for Electrical Supply Cables)	H2	-
111	Supply 114mm Wide Medium Duty Galvanized Return Flange Cable Tray. Mounted Underside of Ceiling Complete with all Accessories. Covers, 90° Bends, T-Junctions and rnd Caps etc.	m	1,500.00
112	Install 114mm Wide Medium Duty Galvanized Return Flange Cable Tray. Mounted Underside of Ceiling Complete with all Accessories. Covers, 90° Bends, T-Junctions and rnd Caps etc.	m	1,500.00
			-
	SECTION NO. 7	H1	-
	BILL NO. 3	H1	-
	SECOND FLOOR ELECTRICAL INSTALLATION	H1	-
	Distribution Boards	H2	-
	Supply, installation and commissioning of Kiosk, Distribution Boards, including making off all wire connections (external wiring, conduit, armoured cable and terminations given elsewhere). Special note, the accessories are inclusive on the quoted price (e.g Circuit breakers)	H4	-
1	Supply Main Distribution Board	No	1.00
2	Install Main Distribution Board	No	1.00
3	Supply Main Distribution Board	No	1.00
4	Install Main Distribution Board	No	1.00
	Security System	H2	-
	Installation of Camera Sytem equipment and All Access Control Systems as specified of the Detailed Specification.	H4	-
5	Supply 360 Degree resolution CCTV Camera	No	6.00
6	Install 360 Degree resolution CCTV Camera	No	6.00
7	Supply Double Door Access Controller Panel	No	2.00
8	Install Double Door Access Controller Panel	No	2.00
9	Supply Fingerprint Keypad Reader-Standalone	No	2.00
10	Install Fingerprint Keypad Reader-Standalone	No	2.00
11	Supply Magnetic Lock 544 KG Holding Force	No	2.00
12	Install Magnetic Lock 544 KG Holding Force	No	2.00
13	Supply Emergency Door Release Call Point (Breaker Glass)	No	2.00
14	Install Emergency Door Release Call Point (Breaker Glass)	No	2.00
15	Supply CCTV Monitor Screen	No	2.00
16	Install CCTV Monitor Screen	No	2.00
	Cables	H2	-
17	Supply of Fibre Optic cable (Fibrework/Krone or other Approved) in wire way & CAT6.	m	1,500.00
18	Install of Fibre Optic cable (Fibrework/Krone or other Approved) in wire way & CAT6.	m	1,500.00
	Ancillary Distribution Boards and Outlets	H2	-

Supply and installation of the following metal Ancillary Distribution Boards and coverplates for Data and Telephone outlets. (Conduit and Conduit boxes given elsewhere).	H4	-
19 Supply Telephone Distribution Board (450mm x 450mm).	No	1.00
20 Install Supply Telephone Distribution Board (450mm x 450mm).	No	1.00
21 Supply Data Distribution Board (450mm x 450mm)	No	1.00
22 Install Data Distribution Board (450mm x 450mm)	No	1.00
23 Supply Data, Telephone and Ancillary Coverplates	No	75.00
Install Data, Telephone and Ancillary Coverplates	No	75.00
Cables	H2	-
Supply, delivery and laying of PVC/SWA/PVC ECC Aluminium cables as specified, excluding terminations and cable supports. Lengths given shall be taken as measured lengths to cable runs from terminal to terminal and rates quoted shall include for off-cuts.	H4	-
24 Supply 240mm ² 4C Copper Cable PVC Mains 600/1000V	m	35.00
25 Install 240mm ² 4C Copper Cable PVC Mains 600/1000V	m	35.00
26 Supply 185mm ² 4C Copper Cable PVC Mains 600/1000V	m	20.00
27 Install 185mm ² 4C Copper Cable PVC Mains 600/1000V	m	20.00
28 Supply 120mm ² 4C Copper Cable PVC Mains 600/1000V	m	20.00
29 Install 120mm ² 4C Copper Cable PVC Mains 600/1000V	m	20.00
Cable Terminations	H2	-
Including the supply and fitting of Pratley Cable gland, shroud, making off the cable and fitting the gland to gland plates, switchgear or equipment including final connections of cable tails with lugs onto board terminals and including earth in ECC cable.	H4	-
30 Supply 240mm ² 4C Copper Cable PVC Mains 600/1000V	m	8.00
31 Install 240mm ² 4C Copper Cable PVC Mains 600/1000V	m	8.00
32 Supply 185mm ² 4C Copper Cable PVC Mains 600/1000V	m	8.00
33 Install 185mm ² 4C Copper Cable PVC Mains 600/1000V	m	8.00
34 Supply 120mm ² 4C Copper Cable PVC Mains 600/1000V	m	8.00
35 Install 120mm ² 4C Copper Cable PVC Mains 600/1000V	m	8.00
Cable Sleeves	H2	-
Supply and Installation of Cable Sleeves as specified, in trenches or cast in concrete, excluding trenching or backfilling.	H4	-
36 Supply 110mm Ø Flexible Cable Sleeve	m	50.00
37 Install 110mm Ø Flexible Cable Sleeve	m	50.00
38 Supply 75mm Ø Rigid Cable Sleeve	m	20.00
39 Install 75mm Ø Rigid Cable Sleeve	m	20.00
EXTRA ON upvc piping for:	H4	-
40 100mm Diameter long radius bend	m3	50.00
EXCAVATIONS	H2	-
41 In trenches for cables and sleeves	m3	30.00
42 extra over soft excavation intermediate	m3	30.00
43 extra over soft excavation in hard rock	m3	30.00
Conduit	H2	-
Supply and installation of PVC conduit. Lengths given shall be taken as measured horizontal and vertical runs between conduit terminations. Rates quoted shall allow for wastage, offcuts, couplings, cuttings, bending, jointing socket and tees.	H4	-
44 Supply 20mm Conduit	m	200.00

45	Install 20mm Conduit	m	200.00
46	Supply 25mm Conduit	m	400.00
47	Install 25mm Conduit	m	400.00
	Conduit Boxes and Ends	H2	-
	Terminate and connect one pair of conduit ends including supply and installation of 1, 2, 3 or 4 way box on surface or in brickwork. (excluding coverplates), including holes for conduit.	H4	-
48	Supply 20mm Conduit (75mm Ø) Round Box	No	150.00
49	Install 20mm Conduit (75mm Ø) Round Box	No	150.00
50	Supply 20mm Conduit (50 x 100mm) PVC Box	No	80.00
51	Install 20mm Conduit (50 x 100mm) PVC Box	No	80.00
52	Supply 25mm Conduit (100 x 100mm) PVC Box	No	220.00
53	Install 25mm Conduit (100 x 100mm) PVC Box	No	220.00
	Conduit Ends	H2	-
	Terminate and connect one pair of conduit ends including lock nuts, bushes, etc. connecting into board tray, wiring channel etc. including cutting holes for conduit entries, but excluding conduit box.	H4	-
54	Supply 20mm uPVC Conduit	No	100.00
55	Install 20mm uPVC Conduit	No	100.00
56	Supply 25mm uPVC Conduit	No	160.00
57	Install 25mm uPVC Conduit	No	160.00
	Conductors	H2	-
	Supply and installation of PVC insulated copper conductors drawn into conduit or wiring channel in groups of 2, 3, 4, etc. with the required colour coding, but excluding any wiring connections.	H4	-
58	Supply 2,5 mm ² PVC Conductors Red	m	2,000.00
59	Install 2,5 mm ² PVC Conductors Red	m	2,000.00
60	Supply 2,5 mm ² PVC Conductors Black	m	2,500.00
61	Install 2,5 mm ² PVC Conductors Black	m	2,500.00
62	supply 2,5 mm ² PVC Conductors Blue	m	2,500.00
63	Install 2,5 mm ² PVC Conductors Blue	m	2,500.00
64	supply 2,5 mm ² PVC Conductors Earth	m	2,500.00
65	Install 2,5 mm ² PVC Conductors Earth	m	2,500.00
66	Supply 4 x 2 PVC Wall Box	No	200.00
67	Install 4 x 2 PVC Wall Box	No	200.00
68	Supply Hospital Saddle	No	200.00
69	Install Hospital Saddle	No	200.00
70	Supply 4-Way Box PVC	No	150.00
71	Install 4-Way Box PVC	No	150.00
72	Supply 4 mm ² PVC Conductors Blue	m	2,000.00
73	Install 4 mm ² PVC Conductors Blue	m	2,000.00
74	Supply 4 mm ² PVC Conductors Brown	m	2,000.00
75	Install 4 mm ² PVC Conductors Brown	m	2,000.00
76	Supply 4 mm ² PVC Conductors Earth	m	2,000.00
77	Install 4 mm ² PVC Conductors Earth	m	2,000.00
78	supply Adaptors 25mm	m	200.00
79	Install Adaptors 25mm	m	200.00

80	Supply 4 x 4 PVC Wall Box	m	300.00
81	Install 4 x 4 PVC Wall Box	m	300.00
82	Supply Coupling 25mm	m	500.00
83	Install Coupling 25mm	m	500.00
	Light Switches	H2	-
	Supply, fitting and electrical connection of a Legrand type flush or surface mounted 16A switch in 100 x 50 excluding box (for flush type) and conduit connections, but including cover plates.	H4	-
84	Supply 16A 1 Lever 1 Way	No	50.00
85	Install 16A 1 Lever 1 Way	No	50.00
86	supply 16A 1 Lever 2 Way	No	10.00
87	Install 16A 1 Lever 2 Way	No	10.00
	Luminaires	H2	-
	Mounting, fixing and electrically connecting the following luminaires, complete with lamps as specified in Section E of the Detailed Specification.	H4	-
88	Supply Type A1+ 2 x 18w T8 Tubes, 2480 Lumens, rated to IP65 & 3 Hour Maintained Emergency back-Up, Vandal Proof Double Tube LED Fitting, with 5 year warranty.	No	20.00
89	Install Type A1+ 2 x 18w T8 Tubes, 2480 Lumens, rated to IP65 & 3 Hour Maintained Emergency back-Up, Vandal Proof Double Tube LED Fitting, with 5 year warranty.	No	20.00
90	Supply B1 36w 1200 x 600 LED Panel Surface Mount Non-Dimmable, 3400lm, 5000k, with five year warranty.	No	150.00
91	Install Supply B1 36w 1200 x 600 LED Panel Surface Mount Non-Dimmable, 3400lm, 5000k, with five year warranty.	No	150.00
92	Supply Type C1 Vandal Proof Osram/LED Vance Downlight LED Slim Round 18w 300k, with five year warranty.	No	100.00
93	Install Type C1 Vandal Proof Osram/LED Vance Downlight LED Slim Round 18w 300k, with five year warranty.	No	100.00
94	Supply Type C1.1 Vandal Proof Osram/LED Vance Downlight LED Slim Round 18w 300k, with five year warranty.	No	20.00
95	Install Type C1.1 Vandal Proof Osram/LED Vance Downlight LED Slim Round 18w 300k, with five year warranty.	No	20.00
	Powerskirting	H2	-
96	Supply Powerskirting	m	200.00
97	Install Powerskirting	m	200.00
98	Supply RJ11 Connector with cradle/ cover and mod blank	m	50.00
99	Install RJ11 Connector with cradle/ cover and mod blank	m	50.00
100	Supply RJ45 Connector with cradle/ cover mod blank	m	50.00
101	Install RJ45 Connector with cradle/ cover mod blank	m	50.00
102	Supply Elbows Internal/External	No	50.00
103	Install Elbows Internal/External	No	50.00
104	Supply End Caps	No	65.00
105	Install End Caps	No	65.00
106	Supply Cover Joiner Clips	No	65.00
107	Install Cover Joiner Clips	No	65.00
108	Supply 16A SSO's c/w cover on Powerskirting	No	80.00
109	Install 16A SSO's c/w cover on Powerskirting	No	80.00
	Socket Outlets	H2	-
	Supply, fitting and electrical connection of flush or surface mounted Legrand type switched socket in either 100 x 100, 100 x 50, round box or wiring channel, excluding box (for flush type) and conduit connections, but including cover plate.	H4	-

110	Supply 5A Single SSO c/w coverplate.Legrand type.	No	4.00
111	Install 5A Single SSO c/w coverplate.Legrand type.	No	4.00
112	Supply 16A Double SSO c/w coverplate.Legrand type.	No	120.00
113	Install 16A Double SSO c/w coverplate.Legrand type.	No	120.00
114	Supply 16A Dedicated Double SSO c/w coverplate.Legrand type.	No	90.00
115	Install 16A Dedicated Double SSO c/w coverplate.Legrand type.	No	90.00
	Isolators	H2	-
	Supply, fitting and electrical connection of flush or surface mounted Metal Clad Isolators in either 100 x 100, 100 x 50, round box or wiring channel, excluding box (for flush type) and conduit connections, but including cover plate. For more details please refer to the specific drawings	H4	-
116	Supply 10A Double2 Pole Flush waterproof Isolator for HVAC	No	35.00
117	Install 10A Double2 Pole Flush waterproof Isolator for HVAC	No	35.00
118	Supply 20A Double2 Pole Flush waterproof Isolator for Alavator	No	4.00
119	Install 20A Double2 Pole Flush waterproof Isolator for Alavator	No	4.00
120	Supply 32A Double2 Pole Flush waterproof Isolator for Handdry	No	4.00
121	Install 32A Double2 Pole Flush waterproof Isolator for Handdry	No	4.00
	Electrical connection of appliances and installations.	H4	-
122	Total Airconditioning Plant (Internal/External Units): Single and three phase	No	86.00
	TELEPHONE INSTALLATION	H2	-
	Supply and installation of the following items for the Telephone Installation	H4	-
123	Supply 25mm PVC Conduit	m	150.00
124	Install 25mm PVC Conduit	m	150.00
125	Supply 25mm PVC Conduit end	No	50.00
126	Install 25mm PVC Conduit end	No	50.00
127	Supply 25mm PVC Conduit box	No	50.00
128	Install 25mm PVC Conduit box	No	50.00
	DATA INSTALLATION	H2	-
	Supply and installation of the following items for the Data installation	H4	-
129	Supply 25mm PVC Conduit	m	200.00
130	Install 25mm PVC Conduit	m	200.00
131	Supply 25mm PVC Conduit end	No	50.00
132	Install 25mm PVC Conduit end	No	50.00
133	Supply 25mm PVC Conduit box	No	50.00
134	Install 25mm PVC Conduit box	No	50.00
	Nurse Call System	H2	-
	Supply and installation of approved Nurse Call System. Special note, the accessories are inclusive on the quoted price	H4	-
135	Supply Nurse call Panel	No	2.00
136	Install Nurse call Panel	No	2.00
137	Supply PA System	No	2.00
138	Install PA System	No	2.00
139	Supply Microphone	m	2.00
140	Install Supply Microphone	m	2.00
141	Supply Nurse call Station Telephone	No	2.00

142	Install Nurse call Station Telephone	No	2.00
143	Supply DPSPPA DSP124 Round 6.5 Inch Ceiling Speaker. Loud Speaker for PA System	No	10.00
144	Install DPSPPA DSP124 Round 6.5 Inch Ceiling Speaker. Loud Speaker for PA System	No	10.00
	Cables	H4	-
145	Supply, of Fibre Optic cable (Fibrework/Krone or other Approved) in wire way & CAT5.	m	1,000.00
146	Install, of Fibre Optic cable (Fibrework/Krone or other Approved) in wire way & CAT5.	m	1,000.00
	Wireway Installation (for Electrical Supply Cables)	H4	-
147	Supply 114mm Wide Medium Duty Galvanized Return Flange Cable Tray. Mounted Underside of Ceiling Complete with all Accessories. Covers, 90° Bends, T-Junctions and rnd Caps etc.	m	1,500.00
148	Install 114mm Wide Medium Duty Galvanized Return Flange Cable Tray. Mounted Underside of Ceiling Complete with all Accessories. Covers, 90° Bends, T-Junctions and rnd Caps etc.	m	1,500.00
			-
	SECTION NO. 7	H1	-
	BILL NO. 4	H1	-
	LIGHTNING PROTECTION	H1	-
	PREAMBLES	H2	-
	All rates for items contained in this Bill shall be computed excluding the applicable Value Added Tax. The Contractor shall include in the rates for any work or anything in the Conditions of Contract or which he considers charges are required. Allowance for Complete Lightning Protection Installation of all the Ngwelezane Hospital New Oncology building. The Lightning Protection installation is to be undertaken by a specialist and is required to provide two soil resistivity tests, one at the beginning of the project and one at completion. The first test is to be conducted within 14 days of the contractor being appointed. The Lightning Protection installer is to provide a Test Certificate in accordance with SANS 10313. The contractor to note that all conduit provisions for the Lightning Protection installation are to be recessed and provided by the Electrical Sub-Contractor.		-
	Down Conductors	H2	-
	Supply and fixing on surface in an approved manner of aluminium conductor including all fixing accessories, such as insulating sleeves and stand-off brackets, but not including terminations. Rates quoted shall allow for wastage, off-cuts and joints.	H4	-
1	Supply 50mm ² aluminium conductor	m	200.00
2	Install 50mm ² aluminium conductor	m	200.00
	Air Terminal Conductors	H2	-
3	Supply and fixing on surface in an approved manner of 50mm ² aluminium conductor including all fixing accessories, such as insulating sleeves and stand-off brackets, but not including terminations. Rates quoted shall allow for wastage, off-cuts and joints.	m	500.00
4	Install and fixing on surface in an approved manner of 50mm ² aluminium conductor including all fixing accessories, such as insulating sleeves and stand-off brackets, but not including terminations. Rates quoted shall allow for wastage, off-cuts and joints.	m	500.00
	Terminations of Down Conductors to Air Terminals	H2	-
	Termination of aluminium conductor to metal roof as specified in Clause A1.4 including lugs and making off of the ends etc.	H4	-
5	Supply 50mm ² aluminium conductor to metal roof.	No	15.00
6	Install 50mm ² aluminium conductor to metal roof.	No	15.00
	Earthing Conductors	H2	-
	Supply and laying in the ground and in conduits of copper earth wire as specified in Clause A1.5 excluding terminations. Rates quoted shall allow for wastage, off-cut and joints.	H4	-
7	Supply 50mm ² Green PVC insulated copper conductor	m	60.00
8	Install 50mm ² Green PVC insulated copper conductor	m	60.00

Termination of Earthing Conductors to Down Conductors	H2	-
Termination of earth conductor to aluminium down conductor and earth electrodes including making off the ends, lugs, clamps, etc.	H4	-
9 Supply 50mm ² Termination to 50mm ² conductor	No	15.00
10 Install 50mm ² Termination to 50mm ² conductor	m	15.00
Earth Electrodes	H2	-
Supply and installation of earth electrodes generally as specified in Clause A1.3.3.	H4	-
11 Supply 3,6m long earth electrodes	No	32.00
12 Install 3,6m long earth electrodes	No	32.00
Termination of Earth Conductors to Earth Electrodes	H2	-
Termination of Earth Conductors to Earth Electrodes including making off of ends, lugs, clamps, etc.	H4	-
13 Supply 50mm ² Earth Conductor to Earth Electrode	No	32.00
14 Install 50mm ² Earth Conductor to Earth Electrode	No	32.00
General Earth Bonding	H2	-
15 Bonding of metal drainage down pipes and items.	Item	32.00
Testing	H2	-
Supply and testing apparatus and testing in accordance with SABS Code.	H4	-
16 Testing of joint continuity	Item	1.00
17 Testing of Lightning Protection System	Item	1.00
18 Testing of Earthing Points	Item	1.00
19 Soil Resistivity Test and Report	Item	1.00
20 Certificate of Compliance	Item	1.00
		-
SECTION NO. 7	H1	-
BILL NO. 5	H1	-
ELECTRICAL INSTALLATION	H1	-
Municipal specification isolation kisok with CT and isolator/breaker installed, including new 1.5MVA 11kV trfr	H2	-
Supply and install indoor trfr / miniature substation (if space constraints prevents) complete with all accessories as specified, allowing for cables and terminations, cable boxes, oils, compound and other materials, plant, labour, off-loading and certified test certificates from manufacturer. (Allow for 11kV cables complete with terminations and factory testing by 2 X engineers)	H4	-
1 11kV 500KVA TRF	No	1.00
2 Install 11kV 500KVA TRF	No	1.00
3 Supply 11kV Switchgear	No	1.00
4 Install 11kV Switchgear	No	1.00
Switch-gear panels, Ring Main Units	H2	-
Supply, deliver, off load and safely store on site ring main units and precast plinths from supplier. Transport to site and install as per Eskom DT Standards. All civil work to be included. Cable terminations and earthing are measured elsewhere.	H4	-
5 Supply Plinth Pre-cast 11+22kV 3 SF6 RMU	No	1.00
6 Install Plinth Pre-cast 11+22kV 3 SF6 RMU	No	1.00
7 ISupply RMU 11kV 630A 4R N/EXT CSTL	No	1.00
8 Install RMU 11kV 630A 4R N/EXT CSTL	No	1.00
SUB & RMU Earthing	H2	-

	Supply and install all materials for the complete earthing of Sustation and RMUs for U/G networks as specified. Included in the rate shall be all required spikes, insulated copper conductor, bare copper, excavations, backfilling, etc. in accordance with the Eskom DT Standards. Additional earth spikes shall be measured elsewhere if required. measured elsewhere.	H4	-		
9	Supply MV Earths for RMU's without continuous earthing to source substation	No	1.00		
10	Install MV Earths for RMU's without continuous earthing to source substation	No	1.00		
11	Supply Earthing and lightning protection for sub station.	No	1.00		
12	Install Earthing and lightning protection for sub station.	No	1.00		
	Generator	H4	-		
13	Supply: Allow for a Connection with the Back-up Generator of 500KVA	Item	1.00	1,320,000.00	1,320,000.00
14	Install: Allow for a Connection with the Back-up Generator of 500KVA	Item	1.00	100,000.00	100,000.00
15	Add for profit upon above, if required.	%	5.00		
16	Add for attendance upon above, if required.	%	5.00		
	LV Panels	H4	-		
17	Supply LV Panels Including breakers and all accessories	No	1.00		
18	Install LV Panels Including breakers and all accessories	No	1.00		
	Equipment Labels & Danger Notices	H2	-		
	Supply and install labels at cable termination points on switchgear, as well as on MV cable ends, including the provision of all fixing materials.	H4	-		
19	Supply Labels on switchgear	No	1.00		
20	Install Labels on switchgear	No	1.00		
21	Supply Labels on both MV cable ends (150mm x 25mm x 0.9mm Aluminium plate)	No	1.00		
22	Install Labels on both MV cable ends (150mm x 25mm x 0.9mm Aluminium plate)	No	1.00		
	MV Cable Testing & Hand Over	H2	-		
	All tests shall be carried out in conjunction with and to the satisfaction of the Supply Authority and in the presence of the Engineer or his representative. The contractor shall make all arrangements for testing and inspection.	H4	-		
23	Test and commission MV U/G system	No	1.00		
	MV Substation and RMU Testing	H2	-		
	Allow for the complete testing and assistance with the commissioning of the Miniature Substation in accordance to	H4	-		
24	Test and commission Substation and RMU	No	1.00		
	MV Substation House	H2	-		
	Allow for the complete builing of the sustation house.	H4	-		
25	MV Substation House	No	1.00		
	UPS System	H2	-		
26	Supply 200KVA UPS System for Linac	No	2.00		
27	Install 200KVA UPS System for Linac	No	2.00		
28	Supply 120KVA UPS System for Brancytherapy c	No	1.00		
29	Install 120KVA UPS System for Brancytherapy c	No	1.00		
			-		
	SECTION NO. 7	H1	-		
	BILL NO. 6	H1	-		
	ELECTRICAL INSTALLATION EXTERNAL WORKS	H1	-		
	General Earthing	H4	-		
1	Earthing and bonding of cold and hot water pipes and all other metal to comply with regulations.	Item	1.00		

	Commissioning and Testing	H4	-		
2	Allow for testing, balancing and commissioning the whole of the electrical installation as laid down in the specification and for re-testing as may be required after the making good of all defective work to the satisfaction of the Department and the Engineer.	Item	1.00		
3	P & G's	Item	1.00		
	Contingency Amount	H4	-		
4	A contingency amount has been allowed for expenditure as directed by the Electrical Engineer	Item	1.00	100,000.00	100,000.00
	As Built Drawings	H4	-		
5	Provision for the drawings showing all site cable routes, conduit routes, draw boxes and positions of outlets, etc.	Item	1.00		
	Labelling and Marking	H4	-		
6	Allow for marking and labelling of all equipment, cables, plugs, light switches etc.	Item	1.00		
	New LV Switch Room	H4	-		
7	Supply and commissioning of the LV Room, including making off all wire connections (external wiring, armoured cable and terminations given elsewhere).	No	1.00		
8	Install and commissioning of the LV Room, including making off all wire connections (external wiring, armoured cable and terminations given elsewhere).	No	1.00		
9	Supply LV Panels Including breakers and all accessories	No	1.00		
10	Install LV Panels Including breakers and all accessories	No	1.00		
	Cables	H2	-		
	Supply, delivery and laying of PVC/SWA/PVC ECC Aluminium cables as specified, excluding terminations and cable supports. Lengths given shall be taken as measured lengths to cable runs from terminal to terminal and rates quoted shall include for off-cuts.	H4	-		
11	Supply MV Cables cu XLPE 70mm2 3c	m	316.00		
12	Install MV Cables cu XLPE 70mm2 3c	m	316.00		
13	Supply 240mm2 4C Copper Cable PVC Mains 600/1000V	m	1,000.00		
14	Install 240mm2 4C Copper Cable PVC Mains 600/1000V	m	1,000.00		
15	Supply 120mm2 4C Copper Cable PVC Mains 600/1000V	m	500.00		
16	Install 120mm2 4C Copper Cable PVC Mains 600/1000V	m	500.00		
17	Supply 95mm2 4C Copper Cable PVC Mains 600/1000V	m	250.00		
18	Install 95mm2 4C Copper Cable PVC Mains 600/1000V	m	250.00		
19	Supply 35mm2 4C Copper Cable PVC Mains 600/1000V	m	500.00		
20	Install 35mm2 4C Copper Cable PVC Mains 600/1000V	m	500.00		
	Cable Terminations	H2	-		
	Including the supply and fitting of Pratley Cable gland, shroud, making off the cable and fitting the gland to gland plates, switchgear or equipment including final connections of cable tails with lugs onto board terminals and including earth in ECC cable.	H4	-		
21	Supply MV Cables cu XLPE 70mm2 3c	No	8.00		
22	Install MV Cables cu XLPE 70mm2 3c	No	8.00		
23	Supply 300mm2 4C Copper Cable PVC Mains 600/1000V	No	8.00		
24	Install 300mm2 4C Copper Cable PVC Mains 600/1000V	No	8.00		
25	Supply 240mm2 4C Copper Cable PVC Mains 600/1000V	No	12.00		
26	Install 240mm2 4C Copper Cable PVC Mains 600/1000V	No	12.00		
27	Supply 120mm2 4C Copper Cable PVC Mains 600/1000V	No	8.00		
28	Install 120mm2 4C Copper Cable PVC Mains 600/1000V	No	8.00		
29	Supply 95mm2 4C Copper Cable PVC Mains 600/1000V	No	4.00		

30	Install 95mm ² 4C Copper Cable PVC Mains 600/1000V	No	4.00
31	Supply 70mm ² 4C Copper Cable PVC Mains 600/1000V	No	4.00
32	Install 70mm ² 4C Copper Cable PVC Mains 600/1000V	No	4.00
33	Supply 35mm ² 4C Copper Cable PVC Mains 600/1000V	No	4.00
34	Install 35mm ² 4C Copper Cable PVC Mains 600/1000V	No	4.00
	Cable Sleeves	H2	-
	Supply and Installation of Cable Sleeves as specified, in trenches or cast in concrete, excluding trenching or backfilling.	H4	-
35	Supply 110mm Ø Flexible Cable Sleeve	m	300.00
36	Install 110mm Ø Flexible Cable Sleeve	m	300.00
37	Supply 75mm Ø Rigid Cable Sleeve	m	20.00
38	Install 75mm Ø Rigid Cable Sleeve	m	20.00
	EXTRA ON upvc piping for:	H4	-
39	100mm Diameter long radius bend	No	30.00
40	Supply SMALL POWER FOR SUBSTATION INCLUDING LIGHTING AND DB	m	1.00
41	Install SMALL POWER FOR SUBSTATION INCLUDING LIGHTING AND DB	m	1.00
	Guarantee and Maintenance	H4	-
42	Guarantee and maintenance for the complete installation of Electrical Installation including fittings, materials and workmanship for a period of TWELVE MONTHS after date of completion and handover.	Item	1.00
	CERTIFICATE OF COMPLIANCE	H4	-
43	Provision for the Certificate of Compliance to be issued on completion of the project.	Item	3.00
	Wireway Installation (for Electrical Supply Cables)	H4	-
44	Supply 450mm Wide Heavy Duty Galvanized Return Flange Cable Tray. Mounted Underside of Ceiling Complete with all Accessories. Covers, 90° Bends, T-Junctions and rnd Caps etc.	m	50.00
45	Install 450mm Wide Heavy Duty Galvanized Return Flange Cable Tray. Mounted Underside of Ceiling Complete with all Accessories. Covers, 90° Bends, T-Junctions and rnd Caps etc.	m	50.00
	EXCAVATIONS	H2	-
	CPAP WORKGROUP NO 104 UNLESS OTHERWISE		-
	Excavations other than bulk in soft excavation not exceeding 2m deep for:	H4	-
	Allowance is to be made for the installation of cable markers and warning sheets	H4	-
46	In trenches for cables and sleeves	m ³	300.00
47	Extra over "soft excavation" for excavation in intermediate excavations	m ³	300.00
48	Extra over "soft excavation" for excavation in hard rock excavations	m ³	300.00
	Filling obtained from excavations and/or prescribed stock piles on site compacted to 95% Mod AASHTO density	H4	-
49	Backfilling of trenches	m ³	300.00
50	Sides of trenches and hole excavations not exceeding 1.5m deep	m ³	300.00
	Manholes	H2	-
	Supply and installation of manholes as shown on the drawings. Refer to Clause B6	H4	-
51	600 x 600mm Concrete Manholes	No	3.00
	Cable Markers	H2	-
	Allow to supply and install cable markers	H4	-
52	PVC warning marking tape	m	300.00
	LV Switch Room Earthing	H2	-

	Supply and install all materials for the complete earthing of LV Switch Room specified. Included in the rate shall be all required spikes, insulated copper conductor, bare copper, excavations, backfilling, etc. in accordance with the Eskom DT Standards. Additional earth spikes shall be measured elsewhere if required. measured elsewhere.	H4	-
53	Supply LV Switch Room Earthing	No	1.00
54	Install LV Switch Room Earthing	No	1.00
			-
	SECTION NO. 7	H1	-
	BILL NO.7	H1	-
	THIRD FLOOR ELECTRICAL INSTALLATION (PROVISIONAL)	H1	-
	Distribution Boards	H2	-
	Supply, installation and commissioning of Kiosk, Distribution Boards, including making off all wire connections (external wiring, conduit, armoured cable and terminations given elsewhere). Special note, the accessories are inclusive on the quoted price (e.g Circuit breakers)	H4	-
1	Supply Distribution Board	No	1.00
2	Install Distribution Board	No	1.00
	Cables	H2	-
	Supply, delivery and laying of PVC/SWA/PVC ECC Aluminium cables as specified, excluding terminations and cable supports. Lengths given shall be taken as measured lengths to cable runs from terminal to terminal and rates quoted shall include for off-cuts.	H4	-
3	Supply 95mm ² 4C Copper Cable PVC Mains 600/1000V	m	50.00
4	Install 95mm ² 4C Copper Cable PVC Mains 600/1000V	m	50.00
5	Supply 16mm ² 4C Copper Cable PVC Mains 600/1000V	m	30.00
6	Install 16mm ² 4C Copper Cable PVC Mains 600/1000V	m	30.00
	Cable Terminations	H2	-
	Including the supply and fitting of Pratley Cable gland, shroud, making off the cable and fitting the gland to gland plates, switchgear or equipment including final connections of cable tails with lugs onto board terminals and including earth in ECC cable.	H4	-
7	Supply 35mm ² 4C Copper Cable PVC Mains 600/1000V	m	8.00
8	Install 35mm ² 4C Copper Cable PVC Mains 600/1000V	m	8.00
9	Supply 16mm ² 4C Copper Cable PVC Mains 600/1000V	m	8.00
10	Install 16mm ² 4C Copper Cable PVC Mains 600/1000V	m	8.00
	Cable Sleeves	H2	-
	Supply and installation of Cable Sleeves as specified, in trenches or cast in concrete, excluding trenching or backfilling.	H4	-
11	Supply 110mm Ø Flexible Cable Sleeve	m	20.00
12	Install 110mm Ø Flexible Cable Sleeve	m	20.00
	EXTRA ON upvc piping for:	H4	-
13	100mm Diameter long radius bend	m3	20.00
	EXCAVATIONS	H2	-
14	In trenches for cables and sleeves	m3	20.00
15	extra over soft excavation intermediate	m3	20.00
16	extra over soft excavation in hard rock	m3	20.00
	Conduit	H2	-
	Supply and installation of PVC conduit. Lengths given shall be taken as measured horizontal and vertical runs between conduit terminations. Rates quoted shall allow for wastage, offcuts, couplings, cuttings, bending, jointing socket and tees.	H4	-
17	Supply 25mm Conduit	m	100.00

18	Install 25mm Conduit	m	100.00
	Conduit Boxes and Ends	H2	-
	Terminate and connect one pair of conduit ends including supply and installation of 1, 2, 3 or 4 way box on surface or in brickwork. (excluding coverplates), including holes for conduit.	H4	-
19	Supply 20mm Conduit (75mm Ø) Round Box	No	10.00
20	Install 20mm Conduit (75mm Ø) Round Box	No	10.00
21	Supply 25mm Conduit (100 x 100mm) PVC Box	No	5.00
22	Install 25mm Conduit (100 x 100mm) PVC Box	No	5.00
	Conduit Ends	H2	-
	Terminate and connect one pair of conduit ends including lock nuts, bushes, etc. connecting into board tray, wiring channel etc. including cutting holes for conduit entries, but excluding conduit box.	H4	-
23	Supply 20mm uPVC Conduit	No	50.00
24	Install 20mm uPVC Conduit	No	50.00
25	Supply 25mm uPVC Conduit	No	147.00
26	Install 25mm uPVC Conduit	No	147.00
	Conductors	H2	-
	Supply and installation of PVC insulated copper conductors drawn into conduit or wiring channel in groups of 2, 3, 4, etc. with the required colour coding, but excluding any wiring connections.	H4	-
27	Supply 2,5 mm ² PVC Conductors Red	m	200.00
28	Install 2,5 mm ² PVC Conductors Red	m	200.00
29	Supply 2,5 mm ² PVC Conductors Black	m	200.00
30	Install 2,5 mm ² PVC Conductors Black	m	200.00
31	supply 2,5 mm ² PVC Conductors Blue	m	200.00
32	Install 2,5 mm ² PVC Conductors Blue	m	200.00
33	supply 2,5 mm ² PVC Conductors Earth	m	150.00
34	Install 2,5 mm ² PVC Conductors Earth	m	150.00
35	Supply 4 x 2 PVC Wall Box	No	5.00
36	Install 4 x 2 PVC Wall Box	No	5.00
37	Supply Hospital Saddle	No	50.00
38	Install Hospital Saddle	No	50.00
39	Supply 4-Way Box PVC	No	5.00
40	Install 4-Way Box PVC	No	5.00
41	Supply 4 mm ² PVC Conductors Blue	m	100.00
42	Install 4 mm ² PVC Conductors Blue	m	100.00
43	Supply 4 mm ² PVC Conductors Brown	m	100.00
44	Install 4 mm ² PVC Conductors Brown	m	100.00
45	Supply 4 mm ² PVC Conductors Earth	m	100.00
46	Install 4 mm ² PVC Conductors Earth	m	100.00
47	supply Adaptors 25mm	m	50.00
48	Install Adaptors 25mm	m	50.00
49	Supply 4 x 4 PVC Wall Box	m	20.00
50	Install 4 x 4 PVC Wall Box	m	20.00
51	Supply Coupling 25mm	m	30.00

52	Install Coupling 25mm	m	30.00
	Light Switches	H2	-
	Supply, fitting and electrical connection of a Legrand type flush or surface mounted 16A switch in 100 x 50 excluding box (for flush type) and conduit connections, but including cover plates.	H4	-
53	Supply 16A 1 Lever 1 Way	No	4.00
54	Install 16A 1 Lever 1 Way	No	4.00
55	supply 16A 1 Lever 2 Way	No	2.00
56	Install 16A 1 Lever 2 Way	No	2.00
	Luminaires	H2	-
	Mounting, fixing and electrically connecting the following luminaires, complete with lamps as specified in Section E of the Detailed Specification.	H4	-
57	Supply Type B1.1 2 x 58w Fluorescent Fitting with Prismatic Diffuser, Recessed Cans with Full Plastic Cover and Secure Fsaterners, with five year warranty.	No	15.00
58	Install Type B1.1 2 x 58w Fluorescent Fitting with Prismatic Diffuser, Recessed Cans with Full Plastic Cover and Secure Fsaterners, with five year warranty.	No	15.00
59	Supply Type F1.1 100W Adjustable IP65 LED Floodlight, salt Spray tested Coastal Quality, 130lm/W 4000K, Black, with five year warranty..	No	10.00
60	Install Type F1.1 100W Adjustable IP65 LED Floodlight, salt Spray tested Coastal Quality, 130lm/W 4000K, Black, with five year warranty..	No	10.00
	Daylight Switch	H2	-
	Supply and installation of approved daylight switch.	H4	-
61	Supply Daylight Switch	No	1.00
62	Install Daylight Switch	No	1.00
	Socket Outlets	H2	-
	Supply, fitting and electrical connection of flush or surface mounted Legrand type switched socket in either 100 x 100, 100 x 50, round box or wiring channel, excluding box (for flush type) and conduit connections, but including cover plate.	H4	-
63	Supply 16A Double SSO c/w coverplate.Legrand type.	No	4.00
64	Install 16A Double SSO c/w coverplate.Legrand type.	No	4.00
	Isolators	H2	-
	Supply, fitting and electrical connection of flush or surface mounted Metal Clad Isolators in either 100 x 100, 100 x 50, round box or wiring channel, excluding box (for flush type) and conduit connections, but including cover plate. For more details please refer to the specific drawings	H4	-
65	Supply 60A 4 Pole Flush waterproof Isolator for Laundry Machines	No	4.00
66	Install 60A 4 Pole Flush waterproof Isolator for Laundry Machines	No	4.00
	Electrical connection of appliances and installations.	H2	-
67	Total Airconditioning Plant (Internal/External Units): Single and three phase	No	4.00
	Wireway Installation (for Electrical Supply Cables)	H2	-
68	Supply 114mm Wide Medium Duty Galvanized Return Flange Cable Tray. Mounted Underside of Ceiling Complete with all Accessories. Covers, 90° Bends, T-Junctions and rnd Caps etc.	m	20.00
69	Install 114mm Wide Medium Duty Galvanized Return Flange Cable Tray. Mounted Underside of Ceiling Complete with all Accessories. Covers, 90° Bends, T-Junctions and rnd Caps etc.	m	20.00
			-
	SECTION NO. 7	H1	-
	BILL NO. 8	H1	-
	RELOCATION OF EXISTING ONCOLOGY	H1	-
	Distribution Boards	H2	-

	Supply, installation and commissioning of Kiosk, Distribution Boards, including making off all wire connections (external wiring, conduit, armoured cable and terminations given elsewhere). Special note, the accessories are inclusive on the quoted price (e.g Circuit breakers)	H4	-
1	Supply Distribution Board	No	1.00
2	Install Distribution Board	No	1.00
	Security System	H2	-
	Installation of Camera Sytem equipment and All Access Control Systems as specified of the Detailed Specification.	H4	-
3	Supply 360 Degree resolution CCTV Camera	No	4.00
4	Install 360 Degree resolution CCTV Camera	No	4.00
5	Supply Double Door Access Controller Panel	No	1.00
6	Install Double Door Access Controller Panel	No	1.00
7	Supply Fingerprint Keypad Reader-Standalone	No	1.00
8	Install Fingerprint Keypad Reader-Standalone	No	1.00
9	Supply Magnetic Lock 544 KG Holding Force	No	1.00
10	Install Magnetic Lock 544 KG Holding Force	No	1.00
11	Supply Emergency Door Release Call Point (Breaker Glass)	No	1.00
12	Install Emergency Door Release Call Point (Breaker Glass)	No	1.00
13	Supply CCTV Monitor Screen	No	2.00
14	Install CCTV Monitor Screen	No	2.00
	Cables	H2	-
15	Supply of Fibre Optic cable (Fibrework/Krone or other Approved) in wire way & CAT6.	m	200.00
16	Install of Fibre Optic cable (Fibrework/Krone or other Approved) in wire way & CAT6.	m	200.00
	Ancillary Distribution Boards and Outlets	H2	-
	Supply and installation of the following metal Ancillary Distribution Boards and coverplates for Data and Telephone outlets. (Conduit and Conduit boxes given elsewhere).	H3	-
17	Supply Telephone Distribution Board (450mm x 450mm).	No	2.00
18	Install Supply Telephone Distribution Board (450mm x 450mm).	No	2.00
19	Supply Data Distribution Board (450mm x 450mm)	No	2.00
20	Install Data Distribution Board (450mm x 450mm)	No	2.00
21	Supply Data, Telephone and Ancillary Coverplates	No	10.00
22	Install Data, Telephone and Ancillary Coverplates	No	10.00
	Cables	H2	-
	Supply, delivery and laying of PVC/SWA/PVC ECC Aluminium cables as specified, excluding terminations and cable supports. Lengths given shall be taken as measured lengths to cable runs from terminal to terminal and rates quoted shall include for off-cuts.	H4	-
23	70mm2 4C Copper Cable PVC Mains 600/1000V	m	100.00
24	Install 70mm2 4C Copper Cable PVC Mains 600/1000V	m	100.00
25	35mm2 4C Copper Cable PVC Mains 600/1000V	m	85.00
26	Install 35mm2 4C Copper Cable PVC Mains 600/1000V	m	85.00
	Cable Terminations	H2	-
	Including the supply and fitting of Pratley Cable gland, shroud, making off the cable and fitting the gland to gland plates, switchgear or equipment including final connections of cable tails with lugs onto board terminals and including earth in ECC cable.	H4	-
27	Supply 70mm2 4C Copper Cable PVC Mains 600/1000V	m	4.00

28	Install 70mm ² 4C Copper Cable PVC Mains 600/1000V	m	4.00
29	Supply 35mm ² 4C Copper Cable PVC Mains 600/1000V	m	4.00
30	Install 35mm ² 4C Copper Cable PVC Mains 600/1000V	m	4.00
	Cable Sleeves	H2	-
	Supply and installation of Cable Sleeves as specified, in trenches or cast in concrete, excluding trenching or backfilling.	H4	-
31	Supply 110mm Ø Flexible Cable Sleeve	m	75.00
32	Install 110mm Ø Flexible Cable Sleeve	m	75.00
	EXTRA ON upvc piping for:	H4	-
33	100mm Diameter long radius bend	m3	50.00
	EXCAVATIONS	H2	-
34	In trenches for cables and sleeves	m3	50.00
35	extra over soft excavation in hard rock	m3	50.00
36	extra over soft excavation intermediate	m3	50.00
	Conduit	H2	-
	Supply and installation of PVC conduit. Lengths given shall be taken as measured horizontal and vertical runs between conduit terminations. Rates quoted shall allow for wastage, offcuts, couplings, cuttings, bending, jointing socket and tees.	H4	-
37	Supply 20mm Conduit	m	200.00
38	Install 20mm Conduit	m	200.00
39	Supply 25mm Conduit	m	500.00
40	Install 25mm Conduit	m	500.00
41	Install 16 x 25mm Trunking	m	300.00
42	Supply 16 x 25mm Trunking	m	300.00
	Conduit Boxes and Ends	H2	-
	Terminate and connect one pair of conduit ends including supply and installation of 1, 2, 3 or 4 way box on surface or in brickwork. (excluding coverplates), including holes for conduit.	H4	-
43	Supply 20mm Conduit (75mm Ø) Round Box	No	50.00
44	Install 20mm Conduit (75mm Ø) Round Box	No	50.00
45	Supply 20mm Conduit (50 x 100mm) PVC Box	No	15.00
46	Install 20mm Conduit (50 x 100mm) PVC Box	No	15.00
47	Supply 25mm Conduit (100 x 100mm) PVC Box	No	50.00
48	Install 25mm Conduit (100 x 100mm) PVC Box	No	50.00
	Conduit Ends	H2	-
	Terminate and connect one pair of conduit ends including lock nuts, bushes, etc. connecting into board tray, wiring channel etc. including cutting holes for conduit entries, but excluding conduit box.	H4	-
49	Supply 20mm uPVC Conduit	No	50.00
50	Install 20mm uPVC Conduit	No	50.00
51	Supply 25mm uPVC Conduit	No	30.00
52	Install 25mm uPVC Conduit	No	30.00
	Conductors	H2	-
	Supply and installation of PVC insulated copper conductors drawn into conduit or wiring channel in groups of 2, 3, 4, etc. with the required colour coding, but excluding any wiring connections.	H4	-
53	Supply 2,5 mm ² PVC Conductors Red	m	500.00
54	Install 2,5 mm ² PVC Conductors Red	m	500.00

55	Supply 2,5 mm ² PVC Conductors Black	m	500.00
56	Install 2,5 mm ² PVC Conductors Black	m	500.00
57	supply 2,5 mm ² PVC Conductors Blue	m	500.00
58	Install 2,5 mm ² PVC Conductors Blue	m	500.00
59	supply 2,5 mm ² PVC Conductors Earth	m	500.00
60	Install 2,5 mm ² PVC Conductors Earth	m	500.00
61	Supply 4 x 2 PVC Wall Box	No	30.00
62	Install 4 x 2 PVC Wall Box	No	30.00
63	Supply Hospital Saddle	No	100.00
64	Install Hospital Saddle	No	100.00
65	Supply 4-Way Box PVC	No	30.00
66	Install 4-Way Box PVC	No	30.00
67	Supply 4 mm ² PVC Conductors Blue	m	500.00
68	Install 4 mm ² PVC Conductors Blue	m	500.00
69	Supply 4 mm ² PVC Conductors Brown	m	500.00
70	Install 4 mm ² PVC Conductors Brown	m	500.00
71	Supply 4 mm ² PVC Conductors Earth	m	500.00
72	Install 4 mm ² PVC Conductors Earth	m	500.00
73	supply Adaptors 25mm	m	100.00
74	Install Adaptors 25mm	m	100.00
75	Supply 4 x 4 PVC Wall Box	m	30.00
76	Install 4 x 4 PVC Wall Box	m	30.00
77	Supply Coupling 25mm	m	100.00
78	Install Coupling 25mm	m	100.00
	Light Switches	H2	-
	Supply, fitting and electrical connection of a Legrand type flush or surface mounted 16A switch in 100 x 50 excluding box (for flush type) and conduit connections, but including cover plates.	H4	-
79	Supply 16A 1 Lever 1 Way	No	20.00
80	Install 16A 1 Lever 1 Way	No	20.00
81	supply 16A 1 Lever 2 Way	No	2.00
82	Install 16A 1 Lever 2 Way	No	2.00
	Luminaires	H2	-
	Mounting, fixing and electrically connecting the following luminaires, complete with lamps as specified in Section E of the Detailed Specification.	H4	-
83	Supply Type A1+ 2 x 18w T8 Tubes, 2480 Lumens, rated to IP65 & 3 Hour Maintained Emergency back-Up, Vandal Proof Double Tube LED Fitting, with 5 year warranty.	No	30.00
84	Install Type A1+ 2 x 18w T8 Tubes, 2480 Lumens, rated to IP65 & 3 Hour Maintained Emergency back-Up, Vandal Proof Double Tube LED Fitting, with 5 year warranty.	No	30.00
85	Supply Type J1 36W Bulkhead IP65 LED Floodlight, salt Spray tested Coastal Quality, 130lm/W 4000K, Black, with five year warranty.	No	20.00
86	Install Type J1 36W Bulkhead IP65 LED Floodlight, salt Spray tested Coastal Quality, 130lm/W 4000K, Black, with five year warranty.	No	20.00
	Daylight Switch	H2	-
	Supply and installation of approved daylight switch.	H4	-
87	Supply Daylight Switch	No	1.00
88	Install Daylight Switch	No	1.00

	Powerskirting	H4	-
89	Supply Powerskirting	m	50.00
90	Install Powerskirting	m	50.00
91	Supply RJ11 Connector with cradle/ cover and mod blank	m	25.00
92	Install RJ11 Connector with cradle/ cover and mod blank	m	25.00
93	Supply RJ45 Connector with cradle/ cover mod blank	m	25.00
94	Install RJ45 Connector with cradle/ cover mod blank	m	25.00
95	Supply Elbows Internal/External	No	15.00
96	Install Elbows Internal/External	No	15.00
97	Supply End Caps	No	20.00
98	Install End Caps	No	20.00
99	Supply Cover Joiner Clips	No	10.00
100	Install Cover Joiner Clips	No	10.00
101	Supply 16A SSO's c/w cover on Powerskirting	No	10.00
102	Install 16A SSO's c/w cover on Powerskirting	No	10.00
	Socket Outlets	H2	-
	Supply, fitting and electrical connection of flush or surface mounted Legrand type switched socket in either 100 x 100, 100 x 50, round box or wiring channel, excluding box (for flush type) and conduit connections, but including cover plate.	H4	-
103	Supply 16A Single SSO c/w coverplate.Legrand type.	No	5.00
104	Install 16A Single SSO c/w coverplate.Legrand type.	No	5.00
105	Supply 16A Double SSO c/w coverplate.Legrand type.	No	20.00
106	Install 16A Double SSO c/w coverplate.Legrand type.	No	20.00
107	Supply 16A Dedicated Double SSO c/w coverplate.Legrand type.	No	10.00
108	Install 16A Dedicated Double SSO c/w coverplate.Legrand type.	No	10.00
109	Supply Bedhead Trunking with 3xSingle SSO (Essential/UPS), 2x Single SSO (Normal) and Medical Gas Outlets	No	4.00
110	Install Bedhead Trunking with 3xSingle SSO (Essential/UPS), 2x Single SSO (Normal) and Medical Gas Outlets	No	4.00
	Isolators	H2	-
	Supply, fitting and electrical connection of flush or surface mounted Metal Clad Isolators in either 100 x 100, 100 x 50, round box or wiring channel, excluding box (for flush type) and conduit connections, but including cover plate. For more details please refer to the specific drawings	H4	-
111	Supply 10A Double2 Pole Flush waterproof Isolator for HVAC	No	7.00
112	Install 10A Double2 Pole Flush waterproof Isolator for HVAC	No	7.00
113	Supply 20A Double2 Pole Flush waterproof Isolator for Alavator	No	2.00
114	Install 20A Double2 Pole Flush waterproof Isolator for Alavator	No	2.00
115	Supply 32A Double2 Pole Flush waterproof Isolator for Handdry	No	4.00
116	Install 32A Double2 Pole Flush waterproof Isolator for Handdry	No	4.00
117	Install 60A 4n2 Pole Flush waterproof Isolator for VRV	No	-
118	Supply 60A 4n2 Pole Flush waterproof Isolator for VRV	No	-
	Electrical connection of appliances and installations.	H4	-
119	Total Airconditioning Plant (Internal/External Units): Single and three phase	No	13.00
	TELEPHONE INSTALLATION	H2	-
	Supply and installation of the following items for the Telephone Installation	H4	-
120	Supply 25mm PVC Conduit	m	50.00

121	Install 25mm PVC Conduit	m	50.00
122	Supply 25mm PVC Conduit end	No	10.00
123	Install 25mm PVC Conduit end	No	10.00
124	Supply 25mm PVC Conduit box	No	10.00
125	Install 25mm PVC Conduit box	No	10.00
	DATA INSTALLATION	H2	-
	Supply and installation of the following items for the Data installation	H4	-
126	Supply 25mm PVC Conduit	m	100.00
127	Install 25mm PVC Conduit	m	100.00
128	Supply 25mm PVC Conduit end	No	10.00
129	Install 25mm PVC Conduit end	No	10.00
130	Supply 25mm PVC Conduit box	No	10.00
131	Install 25mm PVC Conduit box	No	10.00
	Nurse Call System	H2	-
	Supply and installation of approved Nurse Call System. Special note, the accessories are inclusive on the quoted price	H4	-
132	Supply Nurse call Panel	No	1.00
133	Install Nurse call Panel	No	1.00
134	Supply PA System	No	1.00
135	Install PA System	No	1.00
136	Supply Nurse call Station Telephone	No	1.00
137	Install Nurse call Station Telephone	No	1.00
	Cables	H4	-
138	Supply, of Fibre Optic cable (Fibrework/Krone or other Approved) in wire way & CAT5.	m	100.00
139	Install, of Fibre Optic cable (Fibrework/Krone or other Approved) in wire way & CAT5.	m	100.00
			-
	SECTION NO. 7	H1	-
	BILL NO. 9	H1	-
	GROUND FLOOR FIRE DETECTION (PROVISIONAL)	H1	-
	SMOKE DETECTION	H2	-
1	Supply Optical Type Smoke Detectors, 30V	No	50.00
2	Install Optical Type Smoke Detectors, 30V	No	50.00
3	Supply Door Glass breaker (Manual Call point)	No	10.00
4	Install Door Glass breaker (Manual Call point)	No	10.00
	Supply Fire Alarm Control Panel- FP1 - 2hr fire rated wall mounted control panel for control of smoke fan and fire dampers - c/w circuit breakers, main isolator, thermal overload relays, 24hour timer, strobe light and buzzer, 7 x fire relays, controller to control opening and closing of dampers on each floor independently depending on fire signal per floor.	No	1.00
	Install Fire Alarm Control Panel- FP1 - 2hr fire rated wall mounted control panel for control of smoke fan and fire dampers - c/w circuit breakers, main isolator, thermal overload relays, 24hour timer, strobe light and buzzer, 7 x fire relays, controller to control opening and closing of dampers on each floor independently depending on fire signal per floor.	No	1.00
7	Supply Fire Cable 1 Pair 1.5mm / 500m	m	500.00
8	Install Fire Cable 1 Pair 1.5mm / 500m	m	500.00

9	Supply Surface Mount Audioble (Cyindrical sound attenuator with pod, 710 diameter and 1100 long)	No	8.00
10	Install Surface Mount Audioble (Cyindrical sound attenuator with pod, 710 diameter and 1100 long)	No	8.00
	Conduit	H2	-
	Supply and installation of PVC conduit. Lengths given shall be taken as measured horizontal and vertical runs between conduit terminations. Rates quoted shall allow for wastage, offcuts, couplings, cuttings, bending, jointing socket and tees.	H4	-
11	Supply 25mm Conduit	m	500.00
12	Install 25mm Conduit	m	500.00
	Conduit Boxes and Ends	H2	-
	Terminate and connect one pair of conduit ends including supply and installation of 1, 2, 3 or 4 way box on surface or in brickwork. (excluding coverplates), including holes for conduit.	H4	-
13	Supply 20mm Conduit (75mm Ø) Round Box	No	50.00
14	Install 20mm Conduit (75mm Ø) Round Box	No	50.00
	Conduit Ends	H2	-
	Terminate and connect one pair of conduit ends including lock nuts, bushes, etc. connecting into board tray, wiring channel etc. including cutting holes for conduit entries, but excluding conduit box.	H4	-
15	Supply 25mm uPVC Conduit	No	80.00
16	Install 25mm uPVC Conduit	No	80.00
	Commissioning and Testing	H2	-
17	Allow for testing, balancing and commissioning the whole of the electrical installation as laid down in the specification and for re-testing as may be required after the making good of all defective work to the satisfaction of the Department and the Engineer.	Item	1.00
	CERTIFICATE OF COMPLIANCE	H2	-
18	Provision for the Certificate of Compliance to be issued on completion of the project.	Item	1.00
	SECTION NO. 7	H1	-
	BILL NO. 10	H1	-
	FIRST FLOOR FIRE DETECTION	H1	-
	SMOKE DETECTION	H2	-
1	Supply Optical Type Smoke Detectors, 30V	No	60.00
2	Install Optical Type Smoke Detectors, 30V	No	60.00
3	Supply Door Glass breaker (Manual Call point)	No	5.00
4	Install Door Glass breaker (Manual Call point)	No	5.00
5	Supply Fire Alarm Control Panel- FP1 - 2hr fire rated wall mounted control panel for control of smoke fan and fire dampers - c/w circuit breakers, main isolator, thermal overload relays, 24hour timer, strobe light and buzzer, 7 x fire relays, controller to control opening and closing of dampers on each floor independently depending on fire signal per floor.	No	1.00
6	Install Fire Alarm Control Panel- FP1 - 2hr fire rated wall mounted control panel for control of smoke fan and fire dampers - c/w circuit breakers, main isolator, thermal overload relays, 24hour timer, strobe light and buzzer, 7 x fire relays, controller to control opening and closing of dampers on each floor independently depending on fire signal per floor.	No	1.00
7	Supply Fire Cable 1 Pair 1.5mm / 500m	m	550.00
8	Install Fire Cable 1 Pair 1.5mm / 500m	m	550.00
9	Supply Surface Mount Audioble (Cyindrical sound attenuator with pod, 710 diameter and 1100 long)	No	8.00
10	Install Surface Mount Audioble (Cyindrical sound attenuator with pod, 710 diameter and 1100 long)	No	8.00

	Conduit	H2	-
	Supply and installation of PVC conduit. Lengths given shall be taken as measured horizontal and vertical runs between conduit terminations. Rates quoted shall allow for wastage, offcuts, couplings, cuttings, bending, jointing socket and tees.	H4	-
11	Supply 25mm Conduit	m	550.00
12	Install 25mm Conduit	m	550.00
	Conduit Boxes and Ends	H2	-
	Terminate and connect one pair of conduit ends including supply and installation of 1, 2, 3 or 4 way box on surface or in brickwork. (excluding coverplates), including holes for conduit.	H4	-
13	Supply 20mm Conduit (75mm Ø) Round Box	No	60.00
14	Install 20mm Conduit (75mm Ø) Round Box	No	60.00
	Conduit Ends	H2	-
	Terminate and connect one pair of conduit ends including lock nuts, bushes, etc. connecting into board tray, wiring channel etc. including cutting holes for conduit entries, but excluding conduit box.	H4	-
15	Supply 25mm uPVC Conduit	No	100.00
16	Install 25mm uPVC Conduit	No	100.00
	Commissioning and Testing	H2	-
17	Allow for testing, balancing and commissioning the whole of the electrical installation as laid down in the specification and for re-testing as may be required after the making good of all defective work to the satisfaction of the Department and the Engineer.	Item	1.00
	Commissioning and Testing	H2	-
18	Allow for testing, balancing and commissioning the whole of the electrical installation as laid down in the specification and for re-testing as may be required after the making good of all defective work to the satisfaction of the Department and the Engineer.	Item	1.00
	CERTIFICATE OF COMPLIANCE	H2	-
19	Provision for the Certificate of Compliance to be issued on completion of the project.	Item	1.00
			-

SECTION NO. 7	H1	-
BILL NO. 11	H1	-
SECOND FLOOR FIRE DETECTION	H1	-
SMOKE DETECTION	H2	-
1 Supply Optical Type Smoke Detectors, 30V	No	50.00
2 Install Optical Type Smoke Detectors, 30V	No	50.00
3 Supply Door Glass breaker (Manual Call point)	No	10.00
4 Install Door Glass breaker (Manual Call point)	No	10.00
Supply Fire Alarm Control Panel- FP1 - 2hr fire rated wall mounted control panel for control of smoke fan and fire dampers - c/w circuit breakers, main isolator, thermal overload relays, 24hour timer, strobe light and buzzer, 7 x fire relays, controller to control opening and closing of dampers on each floor independently depending on fire signal per floor.	No	1.00
Install Fire Alarm Control Panel- FP1 - 2hr fire rated wall mounted control panel for control of smoke fan and fire dampers - c/w circuit breakers, main isolator, thermal overload relays, 24hour timer, strobe light and buzzer, 7 x fire relays, controller to control opening and closing of dampers on each floor independently depending on fire signal per floor.	No	1.00
7 Supply Fire Cable 1 Pair 1.5mm / 500m	m	700.00
8 Install Fire Cable 1 Pair 1.5mm / 500m	m	700.00
Supply Surface Mount Audioble (Cylindrical sound attenuator with pod, 710 diameter and 1100 long)	m	8.00
10 Install Surface Mount Audioble (Cylindrical sound attenuator with pod, 710 diameter and 1100 long)	m	8.00
Conduit	H2	-
Supply and installation of PVC conduit. Lengths given shall be taken as measured horizontal and vertical runs between conduit terminations. Rates quoted shall allow for wastage, offcuts, couplings, cuttings, bending, jointing socket and tees.	H4	-
11 Supply 25mm Conduit	m	700.00
12 Install 25mm Conduit	m	700.00
Conduit Boxes and Ends	H2	-
Terminate and connect one pair of conduit ends including supply and installation of 1, 2, 3 or 4 way box on surface or in brickwork. (excluding coverplates), including holes for conduit.	H4	-
13 Supply 20mm Conduit (75mm Ø) Round Box	No	50.00
14 Install 20mm Conduit (75mm Ø) Round Box	No	50.00
Conduit Ends	H2	-
Terminate and connect one pair of conduit ends including lock nuts, bushes, etc. connecting into board tray, wiring channel etc. including cutting holes for conduit entries, but excluding conduit box.	H4	-
15 Supply 25mm uPVC Conduit	No	80.00
16 Install 25mm uPVC Conduit	No	80.00
Commissioning and Testing	H2	-
Allow for testing, balancing and commissioning the whole of the electrical installation as laid down in the specification and for re-testing as may be required after the making good of all defective work to the satisfaction of the Department and the Engineer.	Item	1.00
CERTIFICATE OF COMPLIANCE	H2	-
18 Provision for the Certificate of Compliance to be issued on completion of the project.	Item	1.00
		-

SECTION NO. 7	H1	-
BILL NO. 12	H1	-
THIRD FLOOR FIRE DETECTION	H1	-
SMOKE DETECTION	H2	-
1 Supply Optical Type Smoke Detectors, 30V	No	60.00
2 Install Optical Type Smoke Detectors, 30V	No	60.00
3 Supply Door Glass breaker (Manual Call point)	No	10.00
4 Install Door Glass breaker (Manual Call point)	No	10.00
Supply Fire Alarm Control Panel- FP1 - 2hr fire rated wall mounted control panel for control of smoke fan and fire dampers - c/w circuit breakers, main isolator, thermal overload relays, 24hour timer, strobe light and buzzer, 7 x fire relays, controller to control opening and closing of dampers on each floor independently depending on fire signal per floor.	No	1.00
Install Fire Alarm Control Panel- FP1 - 2hr fire rated wall mounted control panel for control of smoke fan and fire dampers - c/w circuit breakers, main isolator, thermal overload relays, 24hour timer, strobe light and buzzer, 7 x fire relays, controller to control opening and closing of dampers on each floor independently depending on fire signal per floor.	No	1.00
7 Supply Fire Cable 1 Pair 1.5mm / 500m	m	700.00
8 Install Fire Cable 1 Pair 1.5mm / 500m	m	700.00
Supply Surface Mount Audioble (Cylindrical sound attenuator with pod, 710 diameter and 1100 long)	No	8.00
10 Install Surface Mount Audioble (Cylindrical sound attenuator with pod, 710 diameter and 1100 long)	No	8.00
Conduit	H2	-
Supply and installation of PVC conduit. Lengths given shall be taken as measured horizontal and vertical runs between conduit terminations. Rates quoted shall allow for wastage, offcuts, couplings, cuttings, bending, jointing socket and tees.	H4	-
11 Supply 25mm Conduit	m	700.00
12 Install 25mm Conduit	m	700.00
Conduit Boxes and Ends	H2	-
Terminate and connect one pair of conduit ends including supply and installation of 1, 2, 3 or 4 way box on surface or in brickwork. (excluding coverplates), including holes for conduit.	H4	-
13 Supply 20mm Conduit (75mm Ø) Round Box	No	60.00
14 Install 20mm Conduit (75mm Ø) Round Box	No	60.00
Conduit Ends	H2	-
Terminate and connect one pair of conduit ends including lock nuts, bushes, etc. connecting into board tray, wiring channel etc. including cutting holes for conduit entries, but excluding conduit box.	H4	-
15 Supply 25mm uPVC Conduit	No	100.00
16 Install 25mm uPVC Conduit	No	100.00
Commissioning and Testing	H2	-
Allow for testing, balancing and commissioning the whole of the electrical installation as laid down in the specification and for re-testing as may be required after the making good of all defective work to the satisfaction of the Department and the Engineer.	Item	1.00
CERTIFICATE OF COMPLIANCE	H2	-
18 Provision for the Certificate of Compliance to be issued on completion of the project.	Item	1.00

			-	
1	Ground Floor Electrical Installation	Page	157.00	-
2	First Floor Electrical Installation	Page	168.00	-
3	Second Floor Electrical Installation	Page	181.00	-
4	Lightning Protection	Page	186.00	-
5	TRFR, Generator and Switchgear	Page	191.00	-
6	External Works (Including Relocation of LV switch room)	Page	198.00	-
7	Refurbishment of Existing Laundry	Page	206.00	-
8	Relocation of Existing Oncology	Page	218.00	-
9	Ground Floor Fire Detection	Page	222.00	-
10	First Floor Fire Detection	Page	226.00	-
11	Second Floor Fire Detection	Page	230.00	-
12	Third Floor Fire Detection	Page	234.00	-

SECTION NO. 8**BILL NO. 1****PROVISIONAL SUMS****SUPPLEMENTARY PREAMBLES****General**

Unless otherwise described, all prime cost amounts and provisional sums exclude the cash discount of 5% and include for delivery to site of all articles concerned. All prime cost amounts and provisional sums are net and include for delivery to site of all articles concerned.

Preliminaries

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

NOMINATED/SELECTED SUB-CONTRACT**Piling Installation**

1 Provide an amount of R 9 700 000.00 (Nine Million Seven hundred Rands) for Piling Installation to be used as directed by the Principal Agent or deducted in whole or in part.

2 Profit

3 Attend

Lift Installations

4 Provide an amount of R 2 000 000.00 (Two Million Seven hundred Rands) for Lift Installation to be used as directed by the Principal Agent or deducted in whole or in part.

5 Profit

6 Attend

Aluminium Louvres

7 Provide an amount of R 4 500 000.00 (Four Million Five Hundred Thousand Rands) for Aluminium Louvres Installation to be used as directed by the Principal Agent or deducted in whole or in part.

8 Profit

9 Attend

Aluminium Shopfronts, Curtain Walls, Windows and Doors

10 Provide an amount of R 1 000 000.00 (One Million Rands) for Aluminium Shopfronts, Curtain Walls, Windows and Doors to be used as directed by the Principal Agent or deducted in whole or in part.

11 Profit

12 Attend

Joinery Fittings

13 Provide an amount of R 1 600 000.00 One Million Six Hundred Thousand Rands for Joinery Fittings to be used as directed by the Principal Agent or deducted in whole or in part.

14 Profit

15 Attend

Building Signage

16 Provide an amount of R 1 200 000.00 One million Two Hundred Thousand Rands for Building Signage to be used as directed by the Principal Agent or deducted in whole or in part.

17 Profit

18 Attend

Builder's work in connection to specialist installations)

19 Provide an amount of R 6 000 000.00 Six million Two Hundred Thousand Rands for Builder's work in relation to Specialist Installations to be used as directed by the Principal Agent or deducted in whole or in part.

	H1	-		
	H1	-		
	H1	-		
	H2	-		
	H3	-		
		-		
	H3	-		
		-		
	H2	-		
	H3	-		
		-		
	Item	1.00	9,700,000.00	9,700,000.00
	Item	1.00		
	Item	1.00		
	H3	-		
	Item	1.00	2,000,000.00	2,000,000.00
	Item	1.00		
	Item	1.00		
	H3	-		
	Item	1.00	4,500,000.00	4,500,000.00
	Item	1.00		
	Item	1.00		
	H3	-		
	Item	1.00	1,000,000.00	1,000,000.00
	Item	1.00		
	Item	1.00		
	H3	-		
	Item	1.00	1,600,000.00	1,600,000.00
	Item	1.00		
	Item	1.00		
	H3	-		
	Item	1.00	1,200,000.00	1,200,000.00
	Item	1.00		
	Item	1.00		
	H3	-		
	Item	1.00	6,000,000.00	6,000,000.00

20	Profit	Item	1.00		
21	Attend	Item	1.00		
	Community Liason Officer	H3	-		
	Provide an amount of R 108 000.00 (One Hundred and Eight Thousand Rands) nett for Community Liaison Officer's Salary to be omitted in part or whole as instructed by				
22	Principal Agent	Item	1.00	108,000.00	108,000.00
23	Profit	Item	1.00		
24	Attend	Item	1.00		
	Training	H3	-		
	Provide an amount of R 1 200 000.00 (One Million Two Hundred Thousand Rands) nett for Training of Students to be omitted in part or whole as instructed by Principal Agent				
25		Item	1.00	1,200,000.00	1,200,000.00
26	Profit	Item	1.00		
27	Attend	Item	1.00		
	Interior Designer	H3	-		
	Provide an amount of R 1 500 000.00 (One Million Five Thousand Rands) for an interior designer to be used as directed by the Principal Agent or deducted in whole or in part.				
28		Item	1.00	1,500,000.00	1,500,000.00
29	Profit	Item	1.00		-
30	Attend	Item	1.00		
	Design Development	H3	-		
	Provide an amount of R 49 812 000.00 (Forty Nine Million Eight Hundred and Thousand rands) nett for Design Development Contingency to be omitted in part or whole as instructed by Principal Agent				
31		Item	1.00	49,812,000.00	49,812,000.00

32	Profit	Item	1.00		
33	Attend	Item	1.00		
	Extraction System at Laundry Sorting Area	H3	-		
	Provide an amount of R 1 300 000.00 (One Million Three Hundred and Thousand rands nett) for the anextraction system at the laundry sorting area to be omitted in part or whole as instructed by Principal Agent				
34	Profit	Item	1.00	1,300,000.00	1,300,000.00
35	Attend	Item	1.00		
	Renewable Solar System	H3	-		
	Provide an amount of R 3 000 000.00 (Three Million rands nett) for a renewable solar system to be omitted in part or whole as instructed by Principal Agent				
37	Profit	Item	1.00	3,000,000.00	3,000,000.00
38	Attend	Item	1.00		
	Blinds and Curtain Rails	H3	-		
	Provide an amount of R 5 000 000.00 (Five Million rands nett) for blinds and curtain rails to be omitted in part or whole as instructed by Principal Agent				
40	Profit	Item	1.00	5,000,000.00	5,000,000.00
41	Attend	Item	1.00		
	Geotechnical Investigation for the Parking and Park Home Areas	H3	-		
	Provide an amount of R 500 000.00 (Five Hundred rands nett) for geotechnical and other related investigations for the parking and park home areas to be omitted in part or whole as instructed by Principal Agent				
43	Profit	Item	1.00	500,000.00	500,000.00
44	Attend	Item	1.00		
	Relocation of Parkhomes Outside Hospital	H3	-		
	Provide an amount of R 200 000.00 (Two Hundred and Fifty Thousand rands nett) for relocation of park homes outside the hospital to be omitted in part or whole as instructed by Principal Agent				
46	Profit	Item	1.00	200,000.00	200,000.00
47	Attend	Item	1.00		
	Underpinning of Adjacent Buildings	H3	-		
	Provide an amount of R 800 000.00 (Eight Hundred rands nett) for relocation of park homes outside the hospital to be omitted in part or whole as instructed by Principal Agent				
49	Profit	Item	1.00	800,000.00	800,000.00
50	Attend	Item	1.00		
	Re-routing and Protection of Existing Services at Courtyard Access	H3	-		
	Provide an amount of R 200 000.00 (Two Hundred rands nett) for re-routing and protection of existing services to be omitted in part or whole as instructed by Principal Agent				
52	Profit	Item	1.00	200,000.00	200,000.00
53	Attend	Item	1.00		
	Artic Stock	H3	-		
	Provide an amount of R 100 000.00 (One Hundred rands nett) for artic stock to be omitted in part or whole as instructed by Principal Agent				
55	Profit	Item	1.00	100,000.00	100,000.00
56	Attend	Item	1.00		

57	Attend	Item	1.00		
	High Density Storage System in Storerooms	H3	-		
58	Provide an amount of R 500 000.00 (Five Hundred rands nett) for high density storage sytem in storerooms to be omitted in part or whole as instructed by Principal Agent	Item	1.00	500,000.00	500,000.00
59	Profit	Item	1.00		
60	Attend	Item	1.00		
	Nurse's Station	H3	-		
61	Provide an amount of R 150 000.00 (One Hundred and Fifty rands nett) for a nurses' station to be omitted in part or whole as instructed by Principal Agent	Item	1.00	150,000.00	150,000.00
62	Profit	Item	1.00		
63	Attend	Item	1.00		
	Artwork, Murals and Feature Lighting	H3	-		
61	Provide an amount of R 2 000 000.00 (Two Million rands nett) for a nurses' station to be omitted in part or whole as instructed by Principal Agent	Item	1.00	2,000,000.00	2,000,000.00
62	Profit	Item	1.00		
63	Attend	Item	1.00		

SECTION NO. 9**BILL NO. 1****PROFESSIONAL FEES****SUPPLEMENTARY PREAMBLES****General**

Fee breakdown to be attached to this BOQ. Each Professional must put the breakdown of their fees and also attach per stage distribution of fees for payment purposes.

	H1	-		
	H1	-		
	H1	-		
	H2	-		
	H3	-		
	H3	-		
Professional Fees	H3	-		
1 Architect	Item	1.00		
2 Civil Engineer	Item	1.00		
3 Structural Engineer	Item	1.00		
4 Mechanical Engineer - to cover all mechanical works including fire services	Item	1.00		
5 Electrical Engineer	Item	1.00		
6 Electronic Engineer	Item	1.00		
7 Quantity Surveyor	Item	1.00		
8 Health & Safety Agent	Item	1.00		
9 Social Facilitator	Item	1.00		
Disbursements (to also include specialist works)	Item	1.00		
Subtotal				
1 Section No.1 - Preliminaries	Page	8.00	-	-
2 Section No.2- Enablement Works	Page	23.00	-	-
3 Section No.3 - Building Works	Page	77.00	-	-
4 Section no.4 - External Works	Page	93.00	-	-
5 Section 5- Mechanical installations	Page	129.00	-	-
6 Section No.6 Medical Gas Installations	Page	143.00	-	-
7 Section No.7 - Electrical and electronics Installations	Page	235.00	-	-
8 Section No.8 - Provisional Sums	Page	240.00	-	-
9 Section No.9 - Professional Fees and Disbursements	Page	250.00	-	-
Subtotal	ST	-		
ESCALATIONS	H2	-		
Allow an amount of R 36 000 000.00 (Thirty Six Million Rand) for escalation of prices to be used as directed by the Principal Agent or deducted in whole or in part.	Item	1.00	36,000,000.00	36,000,000.00
Sub-Total	ST	-		
CONSTRUCTION CONTINGENCY	H2	-		
The tenderer shall add 10% of the works including preliminaries as Contingency Amount for the unforeseen and the sum provided is under the sole control of the client and upon approval by the Client Representative and deducted in whole or in part.	Item	1.00	-	-
Sub-Total	ST	-		
Contract Skills Development Goal Provisional Allowance (CIDB B.U.I.L.D. Programme)	H2	-		
The tenderer shall add 0.5% of the project cost for contract skills development Goal provisional allowance	Item	1.00		
Sub-Total	ST	-		

Value Added Tax	H3	-	
ADD: Value Added Tax at 15%	TAX	15.00	
Total	ST	-	-

Part C3 Scope of Work

C3.1: The *Client's* scope

Employer's Design	<p>The scope of this project involves the design and construction of an Oncology Centre at Ngwelezana Hospital in Empangeni, KwaZulu-Natal which provides inpatient and outpatient services. The centre includes a consulting suite, chemotherapy suite and radiotherapy treatment. It will also provide a 32-bed oncology inpatient ward, administration and staff facilities. The services are summarised below:</p> <p>Table 1: Summary of Service Requirements</p> <table border="1"> <thead> <tr> <th>Discipline</th> <th>Bed Number</th> <th>Chair Number</th> <th>Room No.</th> </tr> </thead> <tbody> <tr> <td>Consulting rooms</td> <td></td> <td></td> <td>4</td> </tr> <tr> <td>Chemotherapy chairs</td> <td></td> <td>28</td> <td></td> </tr> <tr> <td>CT Scanner</td> <td></td> <td></td> <td>1</td> </tr> <tr> <td>Radiotherapy teletherapy bunkers</td> <td></td> <td></td> <td>2</td> </tr> <tr> <td>Radiotherapy brachytherapy bunkers</td> <td></td> <td></td> <td>1</td> </tr> <tr> <td>Oncology Ward</td> <td>32</td> <td></td> <td></td> </tr> <tr> <td>Administrative and staff facilities</td> <td colspan="3">46 Staff Members</td> </tr> </tbody> </table> <p>All documents are to comply with the FIDPM where you may get a more comprehensive picture of what FIPDM general guidelines from the national treasury website and download the document that explains in detail the FIPDM guidelines. The definitions and the deliverable of project stages 1-7 are also covered in the FIDPM.</p> <p>The FIDPM stages are summarized on the following page.</p>	Discipline	Bed Number	Chair Number	Room No.	Consulting rooms			4	Chemotherapy chairs		28		CT Scanner			1	Radiotherapy teletherapy bunkers			2	Radiotherapy brachytherapy bunkers			1	Oncology Ward	32			Administrative and staff facilities	46 Staff Members		
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Table 2: FIDPM Stages

STAGE	DESCRIPTION	SUMMARY OF PROJECT STAGE DELIVERABLES	CURRENT STATUS
1	Initiation	Identification of project. Approved Initiation Report	100% Completed
2	Concept	Compilation of Concept Design. Approved. Concept report	100% Completed. Due diligence and refinement to be undertaken by contractor prior to the preparation of Stage 3 report.
3	Design Development	Develop in detail the approved concept to finalize the design and design concept. Approved Design Development Report	To be done by Contractor
4	Design Documentation	Producing information that details, performance definition, specification, sizing and positioning of all systems and components that would enable construction. These include but not limited to: Detailed design, BOQ, Specifications, Gateway Review Team checklist & other relevant technical information/documents. Approved Design Documentation Report	To be done by Contractor
5	Works	Conduct works according to Gateway Review Team approval until all works and ancillaries are completed and are capable of being used or occupied. Approved Works Completion Report	To be done by Contractor
6	Handover	Works which have been taken over by user or owner; completed training; Recorded Information. Approved Handover/Record Information Report	To be done by Contractor
7	Close-Out	Defects Certificate or Certificate of Final Completion; Final Account; Close-Out Report	To be done by Contractor

Contract Skills Development Goal (CSDG)

This project shall implement the CIDB B.U.I.L.D. Programme as a Contract Skills Development Goal in accordance with the Standard issued by CIDB. Further information

relating to the Standard and the CIDB B.U.I.L.D. Programme can be found on the CIDB website (<https://www.cidb.org.za/clients/b-u-i-l-d-programme/about-the-cidb-b-u-i-l-d-programme/>) as well as in C3 Scope of Work. The costs of administering this programme by the tenderer shall be deemed to be included in the tendered offer. The CIDB B.U.I.L.D. allowance is to be incorporated in the Provisional bill of quantities. One of the objectives of the project is to provide structured workplace learning opportunities for apprentices or other artisan learners towards the attainment of a trade qualification leading to a listed trade (Method 2).

The Department commissioned a private service provider to develop the concept design for the project.

Concept reports for the architectural, electrical engineering, mechanical engineering, civil engineering, environmental, occupational health and safety, ICT, land surveying, quantity surveying and structural engineering disciplines, geotechnical report, specifications and drawings are to be provided as part of this tender.

The concept reports provided by disciplines require refinement prior to the development of the detailed design of the project as follows:

- Compliance: Ensure compliance with relevant legislation and guidelines, including windows wherever possible, rooms correctly sized, ablution numbers correctly calculated
- Quality of space: The concept considers workflow of staff and patients adequately and provides. The design development needs to develop the quality of each space considering the user of it. This will be in the form of architectural, landscaping or interior interventions that ensure functionality, comfort and salutogenesis. This is a critical component of design of oncology treatment centres. This specifically includes room layouts being practically sized and furnished to approval of the Department, treatment of waiting area interior, design of the space outside treatment spaces (the view).
- Clinical and staff support spaces: The location and type of support spaces will need to be developed to ensure efficiencies, while being adequate. E.g. sluice rooms, staff stations, staff meeting room and bays for medical equipment.
- Sustainability: The concept has not explored this fully and it is expected that through design development the engineering systems will be developed further, material choice considered in detail, land use maximised as well as business continuity ensured through technological detail design.
- Construction access: Detail the access route and temporary relocation of clinical and building services.
- Site Access: Detail the methodology for temporary access to the site.
- Quality of documentation: Project documentation to be thorough, well detailed and easy to read, in order for adequate communication between all parties.
- Foundations: Develop the foundation design including the consideration of additional excavations for clay or sand using the latest geotechnical results provided in the tender.
- Services: Develop the storm water, sewer and water reticulation designs and elevations for manholes using the latest survey results.
- Services Detection: Accommodate any other services which might not have been detected from the site survey.
- Structural Design: Develop and finalize any other structural element designs based on the geotechnical report
- Additional Services: Confirm any additional investigations required for the temporary parking area and renal unit area.
- Temporary Parking Design: Develop and detail designs for the temporary parking as per the Client's required quantity of bays and the required walkways to nearby facilities.

	<p>Following the refinement of the discipline based concept reports, the tenderer will be expected to produce a fully integrated concept report to conclude this stage of scope of works. This stage will be followed by the development of the designs. It is to be noted that any costs incurred for any refinement works needs to be priced into this tender through the BoQ as no additional fees are to be apportioned for stage 2.</p>																		
<p>Location of the Works</p>	<p>Ngwelezana Hospital, co-ordinates: 28.7784° S, 31.8660° E, Thandisiwe Road, Empangeni</p>																		
<p>Resources</p>	<p>The details of key personnel are required to confirm the ability of the contractor to undertake this work. Over and above the key personnel, the contractor is expected to provide all required personnel to successfully undertake the scope of works.</p> <p>The details of the following key personnel are required in line with the mandatory technical criteria in the returnable section of the tender document:</p> <p>Submission of CV's on the provided "CV template" for the following mandatory Professional team</p> <ul style="list-style-type: none"> • Professional Construction Project Manager with a minimum of 6 years post SACPCMP professional registration experience. – as Team Lead • Professional Architect = 6 Years post SACAP professional registration • Professional Civil Engineer = 6 Years post ECSA professional registration • Professional Structural Engineer = 6 Years post ECSA professional registration • Professional Mechanical Engineer = 6 Years post ECSA professional registration - to cover all mechanical works including fire services • Professional Electrical Engineer = 6 Years post ECSA professional registration – to cover all electrical engineering and electronic engineering services • Professional Quantity Surveyor = 6 Years post SACQSP professional registration • Professional Health & Safety Agent = 3 Years post SACPCMP professional registration • The Social Engagement Practitioner = 3 Years post qualification experience <p>The above listed resources are the key personnel, and the contractor is to still consider any other resources that may be needed to execute the works diligently. These include any other specialist professional services providers such as geotechnical, land surveying ect where they are to be factored in the offer.</p> <p>Applicable Professional Indemnity (PI) Insurance is as follows:</p> <table border="0" style="width: 100%;"> <tr> <td style="padding-left: 20px;">• Professional Construction Project Manager</td> <td style="text-align: right;">= R 15 million</td> </tr> <tr> <td style="padding-left: 20px;">• Professional Architect</td> <td style="text-align: right;">= R 15 million</td> </tr> <tr> <td style="padding-left: 20px;">• Professional Civil Engineer</td> <td style="text-align: right;">= R 10 million</td> </tr> <tr> <td style="padding-left: 20px;">• Professional Structural Engineer</td> <td style="text-align: right;">= R 15 million</td> </tr> <tr> <td style="padding-left: 20px;">• Professional Mechanical Engineer (to cover all mechanical works including fire services)</td> <td style="text-align: right;">= R 10 million</td> </tr> <tr> <td style="padding-left: 20px;">• Professional Electrical Engineer</td> <td style="text-align: right;">= R 10 million</td> </tr> <tr> <td style="padding-left: 20px;">• Professional Electronic Engineer</td> <td style="text-align: right;">= R 10 million</td> </tr> <tr> <td style="padding-left: 20px;">• Professional Quantity Surveyor</td> <td style="text-align: right;">= R 10 million</td> </tr> <tr> <td style="padding-left: 20px;">• Professional Health & safety Agent</td> <td style="text-align: right;">= R 2 million</td> </tr> </table>	• Professional Construction Project Manager	= R 15 million	• Professional Architect	= R 15 million	• Professional Civil Engineer	= R 10 million	• Professional Structural Engineer	= R 15 million	• Professional Mechanical Engineer (to cover all mechanical works including fire services)	= R 10 million	• Professional Electrical Engineer	= R 10 million	• Professional Electronic Engineer	= R 10 million	• Professional Quantity Surveyor	= R 10 million	• Professional Health & safety Agent	= R 2 million
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S 100 Description of the works

S 105 Project objectives	<ul style="list-style-type: none"> • Development of oncology services in the northern KwaZulu-Natal and improving access to the catchment population. • Reduction of travel time for radiation patients who currently travel to Durban and Pietermaritzburg for radiation services. • Standardisation of oncology treatment protocols across KwaZulu-Natal thereby making it easy to monitor and measure the success of the treatment interventions. • Improvement in the management of the service backlog across all oncology centres in KwaZulu-Natal. • Reduction in the disease progression in KwaZulu-Natal • Progressive creation of internal resourcing and capability in the short, medium and long term. • Expansion of training and research capacity for oncology in KwaZulu-Natal. • Capacitation of regional hospitals to diagnose and provide surgical interventions and administer chemotherapy in the medium to long term. • Capacitation of district hospitals to diagnose, refer and provide palliative care services in northern KwaZulu-Natal.
S 110 Description of the <i>works</i> (general only)	The Construction of a New Oncology Centre at Ngwelezana Hospital

S 200 Constraints on how the *Contractor* Provides the Works

S 201 General constraints	<ul style="list-style-type: none"> • Use of the Site • Access to the Site • Deliveries • Noise and vibrations • Working hours • Parking • Use of cranes • Use (or non-use) of explosives • Restrictions on use of hazardous materials • Storage of fuel and chemicals • Pollution, ecological or environmental impacts • Archaeological requirements • Interfaces between the <i>works</i> and existing things • Occupied premises and users • <i>Client</i> specific policies and procedures • Constraints imposed to meet requirements of Others (for example funders)
S 210 Confidentiality	
S 215 Security and protection of the Site	<p>The site establishment area shall have a clearly visible sign posted and be compliant with the relevant safety regulation and restrictions that might be in place until the Contractor has de-established from site and comply with OHS Act 85 of 1993.</p> <p>The Contractor is responsible for the security of the Works until completion and hand-over and must make his own arrangement for security and the safekeeping of his property.</p> <p>Housing of the Contractor's people on site is not permitted.</p>

Since the site shall remain live during the construction stage. It is the responsibility of the Contractor to ensure the Works are properly guarded and protected at all times and pose no safety risks to the both the property and lives of our staff, visitors and patients.

The Contractor must ensure that the working area is well lit at night and that all fences, obstacles and hazards are clearly marked.

The Contractor must make his own arrangement for telecommunication facilities, if required, for his use during the execution of the Works.

The Contractor, within fourteen days after completion, must completely remove from site all his plant, materials equipment, stores and temporal office accommodation or any other asset belonging to him and leave the site in a tidy condition to the satisfaction of the NEC4 Project Manager. No excess or discarded materials, redundant plant shall be allowed on site.

Unless expressly stated as a responsibility of the Employer, Site services and facilities, all residual requirements for the provision of facilities and all items of Equipment necessary for the Contractor to Provide the Works remains the responsibility of the Contractor.

Wherever the Contractor provides facilities (either his own or for the NEC4 Project Manager and DoH Project Coordinator/Leader) and all items of Equipment, involving, inter alia, offices, accommodation, laboratories, Materials storage, compound areas etc., within the existing premises.

Working Areas, then the Contractor makes good and provides full reinstatement to the land (including all apparatus of the Employer and Others in, on or under the land) and surrounding areas to its original standards, upon dismantling of such facilities and items of Equipment.

Unless expressly stated as a responsibility of the Employer, Site services and facilities all residual requirements for the provision of facilities and all items of Equipment necessary for the Contractor to Provide the Works remains the responsibility of the Contractor.

The Contractor will be held responsible for any damages to existing structures and services caused by him during the provision and the execution of this Contract, fair wear and tear is excluded, and shall repair damage(s) to the satisfaction of the NEC4 Project Manager and/or DoH Project Coordinator/Leader before completion of the Works.

For this purpose, a joint inspection with the NEC4 Project Manager and/or DoH Project Coordinator/Leader and the Contractor shall be carried out prior to occupation of the Works and any existing damages noted. Repair work to damaged existing structures and services may be carried out during the contract period or during the defects correction period if so authorised. The Contractor will be required to conduct a photographic site survey of the occupied area showing existing structures and services. This report must be submitted to the NEC Project Manager for approval and will be used in assessing the damages to structures and services if

	applicable.
S 220 Security & identification of people	<p>The working hours shall be in accordance with the requirements of the Department of Labour and as agreed with the relevant trade unions. Relevant documentation and information shall be provided to the NEC4 Project Manager and Supervisor on a regular basis, and prior to commencement of the Works.</p> <p>The Constructor shall keep daily records of his people engaged on site and working areas, including all EPWP, Sub-Contracting, and Suppliers. The Employer and the NEC4 Project Manager shall be given unencumbered access to such daily records at all reasonable times.</p>
S 225 Protection of existing structures and services	
S 230 Protection of the works	
S 235 Cleanliness of roads	
S 240 Traffic management	
S 245 Condition survey	
S 250 Consideration of Others	<p>The Contractor shall take all reasonable steps to contain unacceptable levels of noise and dust, in accordance with the specified and referenced environmental, health and safety requirements.</p> <p>The Contractor shall dispose of all waste products at a registered waste disposal site, to be approved by the NEC4 Project Manager. The Contractor shall provide written proof that all permits for the waste disposal site are in place.</p>
S 255 Industrial relations	
S 260 Control of works	
S 265 Site cleanliness	
S 270 Waste materials	
S 280 BBB-EE requirements	
S285 Use of local labour	Refer to EPWP specification
S 290 Skills development	Refer to EPWP specification

S 300 Contractor's design

<p>S 305 Design responsibility</p> <p>See clause ECC4 21.1</p>	<ul style="list-style-type: none"> • The Contractor is to design the whole of the works • The Contractor shall work under the strict supervision and control of a NEC 4 Project Manager, Supervisor and other agents appointed by the Department of Health KZN Province. • The Contractor is responsible for the overall design of the works, any amendments that need to be made to his design and to prepare as-built drawings and reports for the completed works • The Contractor shall appoint suitably qualified and experienced professionals to carry out both the design portion and the construction portion of the works as per their respective professional bodies and FIDPM. <ol style="list-style-type: none"> i. Professional Construction Project Manager as per SACPCMP professional requirements and FIDPM ii. Professional Architect as per SACAP professional requirements and FIDPM iii. Professional Civil Engineer as per ECSA requirements and FIDPM iv. Professional Structural Engineer as per ECSA requirements and FIDPM v. Professional Mechanical Engineer as per ECSA requirements and FIDPM vi. Professional Electrical Engineer as per ECSA requirements and FIDPM vii. Professional Quantity Surveyor as per SACQSP requirements and FIDPM viii. Professional Health & Safety Agent as per SACPCMP requirements and FIDPM ix. Social Facilitator as per FIDPM • The Contractor shall submit to the NEC4 Project Manager and DoH Project Leader all applicable design calculations and drawings for both temporal and permanent works. • The Contractor's works (both temporal and permanent) shall comply with minimum standards/requirements to both the National Building Regulations and with all Local Authority
<p>S 310 Design submission procedures and acceptance criteria</p> <p>See clauses: ECC4 21.2 ECC4 X22.3(1) ECC4 X22.3(3)</p>	<ul style="list-style-type: none"> • The Contractor's documentation shall be issued to the NEC4 Project Manager under cover of the Contractor's transmittal note indicating all Contract references (i.e. Project No, Contract No. etc.) as well as the Contractor's Project Document Number, Revision number, Title and chronological listing of transmitted documentation. Formats of Contractor's data submitted is dependent on the project procedure and shall be specified by the NEC4 Project Manager, upon the notified request of the Contractor. • Acceptance of documentation by the NEC4 Project Manager will in no way relieve the contractor of his responsibility for the correctness of information, or conformity with his obligation to provide the works. This obligation rests solely with the Contractor. • After review, a copy of the original review/marked-up drawing/document, with the NEC4 Project Manager's consolidated comments and document status marked on the Contractor Review Label, is scanned and the original document with comments shall be returned to the contractor under cover of the project's Transmittal Note for revision or re-submittal as instructed and to be included in the master copy data file where applicable. • The Contractor shall allow the NEC4 Project Manager 14 working days unless otherwise stated and agreed, to review and respond to the Contractor's submission of their documentation, i.e. from time of receipt of the hardcopy to the document control office to the time of dispatch. The Contractor does not proceed with the relevant work until the NEC4 Project Manager has accepted his design. • On receipt of the reviewed documentation the contractor shall make any modifications requested/marked-up and resubmit the revised documentation to the NEC4 Project Manager within 2 working days. Queries regarding comments/changes should be addressed with the NEC4 Project Manager prior to re-submittal. Any re-submittals, which have not included the changes/comments identified, will be returned to the Contractor to be corrected. The Contractor shall re-issue the revised documentation incorporating all comments and other specified details not included in the previous issue within 2 working days of receipt of the marked-up document.
<p>S 315 Design approvals from Others</p>	<ul style="list-style-type: none"> • The Contractor is responsible to deliver this Design & Build project in strict accordance to the FIPDM stages, as prescribed by National Treasury. • The Department of KZN Health has a Gateway Review Committee that recommends and Project Steering Committee that grants approval to mark the end of a particular FIPDM stage.

- The Contractor is responsible to compile all reports, sketches, diagrams, drawings, reports, BOQ, specifications, Gateway Review checklist and other required documents that must be presented at Gateway Review Meeting for recommendation and approval by the Project Steering Committee.
- The Contractor is responsible to make oral presentations of the finished activities for any specific FIPDM stage to the Gateway Review Team in order to achieve approval to proceed to the next FIDM stage. The Gateway Review Team may require these oral presentations to be done either in person or virtually.
- The FIDPM Stages are summarized in Table 2 above.

The envisaged works programme can be summarised as follows:

Table 3: Envisaged Works Programme

PROJECT STAGE	DURATION	COMMENCEMENT
Design Development and Documentation stage	4 months	From date of award
Construction stage	24 months	From acquiring Gateway Review Stage 4 approval
Close-out	16 months	From acquiring completion

Apportionment of Fees

Fees for consultants shall be apportioned in accordance with the Construction Work Stages / FIDPM Work Stages for the various professions. The tenderer is to refer the discipline's latest respective tariffs and FIDPM.

Table 3: Envisaged Works Programme

FIDPM Work Stage	Construction Work Stage	Apportioned Fee
Stage 2	Stage 1	0%

	<table border="1"> <tr> <td></td> <td>Stage 2</td> <td>0%</td> </tr> <tr> <td>Stage 3</td> <td>Stage 3</td> <td>Refer to latest tariff</td> </tr> <tr> <td>Stage 4</td> <td>Stage 4</td> <td>Refer to latest tariff</td> </tr> <tr> <td>Stage 5</td> <td>Stage 5</td> <td>Refer to latest tariff</td> </tr> <tr> <td>Stage 6 & Stage 7</td> <td>Stage 6</td> <td>Refer to latest tariff</td> </tr> </table> <p>It is to be noted that professional services rendered on stage 5 in accordance with the Construction Work Stages / FIDPM Work Stages shall be pro-rated to the value of construction works executed.</p>		Stage 2	0%	Stage 3	Stage 3	Refer to latest tariff	Stage 4	Stage 4	Refer to latest tariff	Stage 5	Stage 5	Refer to latest tariff	Stage 6 & Stage 7	Stage 6	Refer to latest tariff
	Stage 2	0%														
Stage 3	Stage 3	Refer to latest tariff														
Stage 4	Stage 4	Refer to latest tariff														
Stage 5	Stage 5	Refer to latest tariff														
Stage 6 & Stage 7	Stage 6	Refer to latest tariff														
<p>S 320 Client's design requirements</p> <p>ECC4 21.2 ECC4 X22.3(3)</p>																
<p>S 325 Design co-ordination</p>																
<p>S 330 Requirements of Others</p>	<p>The Contractor's design complies with the following:</p> <ul style="list-style-type: none"> <li>▪ Legislation: Minimum applicable legislation (latest version) include: <ul style="list-style-type: none"> <li>i. Public Finance Management Act <li>ii. Occupational Health & Safety Act 85 of 1994 <li>▪ Policies: KZN applicable Health Policies (structural Installations 2013) <li>▪ Norms and Standards: Minimum applicable Norms and Standards but not limited to the following: <ul style="list-style-type: none"> <li>i. Relevant Applicable South African National Standards <li>ii. DPW Civil Engineering Specifications <li>iii. The Red book <li>iv. IUSS – Environment and Sustainability <li>v. Other applicable IUSS Health Facility Guides <li>▪ Other requirements: Municipal by-laws 															
<p>S 325 Using the</p>	<ul style="list-style-type: none"> <li>• The Contractor grants the Employer a license to use the copyright in all design data presented to the Employer in relation to the works for any purpose in connection with the 															

<p>Contractor's design See clause ECC4 22.1</p>	<p>contraction, re-construction, refurbishment, repair, maintenance and extension of the works with such licence being capable of transfer to any third party without the consent of the contractor.</p> <ul style="list-style-type: none"> The Contractor vests in the Employer full title guarantee in the intellectual property and copyright in the design created in relation to the works.
<p>S 340 Client's requirements for design of Equipment ECC4 23.1</p>	

S 400 Completion

<p>S 405 Completion definition ECC4 11.2(2)</p>	
<p>S 410 Sectional Completion definition ECC4 11.2(2) ECC4 X5.1</p>	
<p>S 415 Training</p>	
<p>S 420 Final clean</p>	
<p>S 425 Security</p>	
<p>S 430 Correcting Defects</p>	
<p>S 435 Pre-Completion arrangements</p>	<p>The Contractor is to provide the following:</p> <ul style="list-style-type: none"> As Built Drawings <p>All as-built red line drawings must be signed-off by the Contractor's responsible person before issue to NEC4 Project Manager for acceptance.</p> <ul style="list-style-type: none"> Installation, Maintenance and Operating Manuals and data Books <p>The Contractor provides manuals in an A4 hard cover, grease and waterproof binder, using 2 ring type binders</p> <p>Drawings and charts larger than A4 are properly folded and those greater than A3 are enclosed in an A4 plastic pocket of adequate strength.</p> <p>The manuals are well indexed and user friendly and must include a summarized Table of Contents. The index for data packs must be submitted to the NEC4 Project Manager for acceptance at the beginning of the project to enable the Contractor to maintain and update the on a continuous basis throughout the project lifecycle. The Contractor submits the draft Table of Contents to the NEC4 Project Manager for</p>

	<p>acceptance prior to the compilation and official submittal of the manuals and data books.</p> <p>The originals of all brochures shall be issued to the NEC4 Project Manager. When a general brochure is applicable to a range of equipment, then the specific item, catalogue number or model number shall be stated, which is best achieved by introducing a separate index page, which cross references the specific item to a tag number. The address, phone numbers, fax numbers, email addresses, and reference numbers of all Sub-Contractors is provided.</p> <p>Where manuals include drawings that still need to be revised to “As-Built” status, and such manuals are required prior to As-Built” status, the manual will not be considered to be in its final form until the “As-Built” version of each such drawing has been incorporated.</p> <p>The required number of copies of the manual (s) shall be as specified by the NEC4 Project Manager and submitted per type or model number of equipment included in the contract, or as specified by the NEC4 Project Manager.</p> <p>All electronic copies (.pdf) of Data Packs to be properly indexed and bookmarked. All pages that make-up the data book or manual must be sequentially numbered.</p>
<p>S 440 Use of the works ECC4 35.2</p>	

S 500 Programme

<p>S 505 Programme requirements ECC4 31.2 ECC4 31.3</p>	
<p>S 510 Methodology statement</p>	
<p>S 515 Work of the <i>Client</i> and Others ECC4 25.1 ECC4 60.1(5)</p>	
<p>S 520 Other information required</p>	
<p>S 525 Revised programme</p>	

S 600 Quality management

<p>S 605 Quality management system ECC4 40.1</p>	
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S 610 Quality policy statement and quality plan	
S 615 Samples	

S 700 Tests and inspections

S 705 Tests and inspections ECC4 41.1 ECC4 41.2 ECC4 42.1 ECC4 60.1(16)	
S 710 Samples	
S 715 Management of tests & inspections and provision of samples	
S 720 Covering up completed work	
S 725 <i>Supervisor's</i> procedure for inspections and watching tests	

S 800 Management of the works

S 805 Project team – Others	<p>The <i>Contractor</i> and the <i>Project Manager</i> use the requirements of the early warning processes described in core clause 15, to <u>in addition</u> manage the progress of the <i>works</i> inclusive of</p> <ul style="list-style-type: none"> • reviewing the progress of the <i>Contractor</i> in achieving the objectives of the project, • allowing the <i>Contractor</i> to demonstrate from the current Accepted Programme its progress and planned activities for the coming 4 weeks, • acting as a combined management team by discussing reviewing and making decisions required in terms of the contract, and in doing so • cultivate a spirit of collaboration and mutual trust for the benefit of both Parties and all who attend and • attending to any other issues considered relevant by either Party and the <i>Project Manager</i>. <p>Early warning meetings may be convened at either Party's premises on an alternating basis as agreed between the <i>Contractor</i> and the <i>Project Manager</i> or otherwise all meetings are held at the Site.</p> <p>The <i>Project Manager</i> chairs the meeting and prepares the Minutes which are distributed to the <i>Project Manager</i> and the <i>Contractor</i> within 5 days of the meeting.</p> <p>Informal reviews or meetings may be held at the premises of either Party throughout the duration of the contract on a non-interference basis. These informal reviews</p>
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	<p>require no additional preparation and are intended to support communication and co-operation between the <i>Project Manager</i> and the <i>Contractor</i>.</p> <p>All attendees at early warning meetings and any other meeting carry their own expenses incurred in connection with such attendance.</p>
<p>S810 Communication system</p> <p>ECC4 13.2</p>	
<p>S 815 Management procedures</p>	
<p>S 820 <i>Contractor's</i> application for payment</p> <p>ECC4 50.2</p>	

S 900 Working with the *Client* and Others

<p>S 905 Sharing the Working Areas with Others</p> <p>ECC 25.1 ECC 60.1(5)</p>	
<p>S 910 Co-operation</p> <p>ECC 25.1 ECC 60.1(5)</p>	
<p>S 915 Co-ordination</p>	
<p>S 920 Authorities and utilities providers</p>	

S 1000 Services and other things to be provided

<p>S 1005 Services and other things provided by the <i>Contractor</i> for the use by the <i>Client</i>, <i>Project Manager</i>, <i>Supervisor</i> or Others</p> <p>ECC4 25.2</p>	
<p>S 1010 Services and other things to be provided by the <i>Client</i>.</p> <p>ECC4 25.2</p>	

S 1100 Health and safety

<p>S 1105 Health and safety requirements</p> <p>ECC4 27.4</p>	<p>Health and Safety Requirements</p> <p>At all times during construction, the Contractor is responsible for the safety of all persons on the Site and on the equipment and shall have the necessary systems and procedures in place to effectively manage this in relation to H&S requirements in addition to those of the OHS Act and Regulation (85 of 1993, CR 2014).</p> <p>The Contractor shall comply with all applicable legislation and regulations.</p> <p>The Contractor shall comply with but not be limited to the following Acts:</p> <ul style="list-style-type: none"> · The Compensation for Occupational Injuries and Diseases Act no. 130 of 1993. · The Contractor shall produce proof of his registration and good standing with the Compensation Commissioner in terms of the Act and submit with his offer. · Occupational Health and Safety Act 85 of 1993. · National Water Act 36 of 1998 · Environmental Management Act 107 of 1998 · The Provisional Ordinances and Local Authority, by-laws and all relevant regulations framed there under
<p>S 1110 Method statements</p>	
<p>S 1115 Legal requirements</p>	
<p>S 1120 Inspections</p>	
<p>S 1125 Deleterious and hazardous materials</p>	
<p>S 1130 Pre-Construction Information</p>	

S 1200 Subcontracting

<p>S 1205 Restrictions or requirements for subcontracting</p>	
<p>S 1210 Acceptance procedures</p> <p>ECC4 C, D, E 11.2(26) ECC4 F 11.2(27)</p>	

S 1300 Title

S 1305 Marking ECC4 71.1	
S 1310 Materials from excavation and demolition ECC4 73.2	

S 1600 Ultimate holding company guarantee (Option X4)

S 1605 Form of ultimate holding company guarantee. ECC4 X4.1	
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S 1700 Undertakings to the *Client* or Others (Option X8)

S 1705 <i>Undertakings to Others</i> ECC4 X8.4	
S 1710 <i>Subcontractor undertakings to Others</i> ECC4 X8.4	
S 1715 <i>Subcontractor undertakings to the Client</i> ECC4 X8.4	

S 1800 Transfer of rights (Option X9)

S 1805 <i>Contractor's</i> rights over material prepared for the design of the <i>works</i> . ECC4 X9.1	
S 1810 Other rights to be obtained by the <i>Contractor</i> . ECC4 X9.1	

S 1900 Information modelling (Option X10)

S 1905 Information Model Requirements ECC4 X10.1(4)	
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S 2000 Performance bond (Option X13)

S 2005 Form of the performance bond ECC4 X13.1	
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S 2100 Advanced payment to the Contractor (Option X14)

S 2105 Form of the advanced payment bond ECC4 X14.2	
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S 2200 The Contractor's design (Option X15)

S 2205 Constraints on use of material ECC4 X15.3	
S 2210 Form of documents to be retained. ECC4 X15.4	

S 2300 Retention (Option X16) (not used with Option F)

S 2305 Form of retention bond ECC4 X16.3	
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S 2400 Low performance damages (Option X17)

S 2405 Performance requirements	
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S 2700 Client's work specifications

S 2705 Client's work specifications	Contents list or documents or both
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S 2800 Client's drawings

S 2805 Drawings	Drawings list or drawings or both
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Scope provided by the *Contractor* for its design.

C3.2 - SPECIFICATION FOR HIV/AIDS AWARENESS

1 Scope

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

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

2 Normative references:

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

SANS 4074 ISO 4074, *Condom Rubbers*

3 Definitions and Abbreviations

3.1 Definitions

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

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

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

3.2 Abbreviations

STI: Sexually transmitted infection

HIV: Human Immunodeficiency Virus

AIDS: Acquired Immune Deficiency Syndrome

4 Objectives

The objectives are to:

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

- b) either place and maintain HIV/AIDS awareness posters of size of not less than A1 in areas which are highly trafficked by construction workers, or provide construction workers with a pamphlet, in languages largely understood by construction workers, which
- c) encourage voluntary HIV/STI testing;
- d) provide information concerning counselling, support and care of those that are infected services; and
- e) comply with the requirements of 5.2.

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

5.2 HIV awareness programme

5.2.1 The contractor shall:

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

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

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

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

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

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

5.3 Reporting

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

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

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

C3.3 - HIV/STI COMPLIANCE REPORT

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

Project Code:

TBC

Payment Claim number:

Period covered by payment claim:

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

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

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

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

5. HIV awareness programme (briefly describe action).

Part C4 Site Information

SI 100 Site location

SI 105 Site location	Ngwelezana Hospital, co-ordinates -28.7792407, 31.8648934
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SI 200 Reports and surveys

SI 205 Reports and surveys	Geotechnical Report and surveys reports
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SI 300 Public information

SI 305 Public information	
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SI 400 Buried pipes, services and other objects

SI 405 Buried pipes, services and other objects	Refer to services' survey reports
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SI 500 Buildings, structures and other things adjacent to the Site

SI 505 Buildings, structures and other things adjacent to the Site	<p>The site is located at the centre of the hospital, within an existing courtyard. The courtyard is bordered by the out patient's department and emergency on the north-west, radiology and ICU on the south-west, the surgical wards on the south east and administration on the north east.</p> <p>Please refer to site access documentation as Annexure 18</p>
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SI 600 Health and safety information

NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL

PART C5 - DRAWINGS / ANNEXURES

C5.1 - LIST OF DRAWINGS/ANNEXURES

NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL

Tender No.:	ZNB 5110/2025-H	Project Code:	N/A
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The following drawings/annexure's shall be issued during the Tender period to form part of the tender documentation. Where applicable, drawings/annexure's could be re-issued to the Contractor at commencement of the construction phase.

<u>DRAWING NO</u>	<u>DESCRIPTION</u>
	Architectural
	Civil Engineering
	Structural Engineering
	Mechanical Engineering
	Electrical Engineering
	Electronic Engineering

<u>ANNEXURES</u>	
Annexure 1	Standard Preambles for all Trades (Rev 3) - DOH 2009
Annexure 2	General Electrical Specifications
Annexure 3	Lightning Protection Specifications
Annexure 4	Joint Venture Agreement
Annexure 5	Health and Safety Specification
Annexure 6	Health and Safety Bill of Quantities
Annexure 7	Builders Lien Agreement
Annexure 8	EPWP Employment Contract
Annexure 10	Attendance Register - Infrastructure and Other projects
Annexure 11	EPWP Data Collection tool for Phase 3 system
Annexure 12	Map of Tender submission location
Annexure 13	Geotechnical Investigation Report
Annexure 14	Survey Reports
Annexure 15	Abridged Concept Report (with disciplines' reports)
Annexure 16	CV Template
Annexure 17	Reference Form Template
Annexure 18	Site Access Information Documentation

NEW ONCOLOGY CENTRE AT NGWELEZANA HOSPITAL.

ANNEXURES