



INDEPENDENT DEVELOPMENT TRUST

TENDERING PROCEDURES, RETURNABLE DOCUMENTS,
AGREEMENT AND CONTRACT DATA, SCOPE OF WORK AND SITE
INFORMATION

APPOINTMENT OF A CONTRACTOR FOR THE KOSTER HOSPITAL UPGRADES –
PHASE 1 IN KGETLENGRIVIER LOCAL MUNICIPALITY, NORTH WEST PROVINCE.

BID NO: DOH08NWER003/CON14

CLOSING DATE AND TIME: 30 OCTOBER 2026 @ 12H00

Independent Development Trust

SCM / Technical Enquiries

E-mail: NWTenders@idt.org.za

Bidder:

CIDB Registration Number:

CSD Registration Number:

COIDA / FEM / RMA Certificate Number:

CIPC Registration Number

Contact Person:

Contact Details:

Contents

Number	Heading	Page
THE BID		
Part T1: Bidding procedures		
T1.1	Bid Notice and Invitation to Bid	2 – 8
T1.2	Bid Data	9 – 41
Part T2: Returnable documents		
T2.1	List of Returnable Documents	42 – 43
T2.2	Returnable Schedules	44 - 89
THE CONTRACT		
Part C1: Agreement and Contract Data		
C1.1	Form of Offer and Acceptance	90 – 95
C1.2	Contract Data	96 - 122
C1.3	Form of Guarantee	123 -124
C1.4	Adjudicators Agreement	125 - 127
C1.5	Agreement in terms of Occupational Health and Safety	128 - 130
C1.6	Waiver of Lien	131 - 132
Part C2: Pricing Data		
C2.1	Pricing Instructions	133 -139
C2.2	Bill of Quantities	140 - 479
Part C3: Scope of Work		
C3	Scope of Work	480 - 494
Part C4: Site Information		
C4.1	Site Information	495 - 508
OHS Specifications		495 - 508
IDT Addendum to JBCC		509 - 516

T1.1 BID NOTICE AND INVITATION TO BID

INDEPENDENT DEVELOPMENT TRUST

T1.1 Bid Notice and Invitation to Bid

APPOINTMENT OF A CONTRACTOR FOR THE KOSTER HOSPITAL UPGRADES – PHASE 1 IN KGETLENGRIVIER LOCAL MUNICIPALITY, NORTH WEST PROVINCE.

BID NUMBER: DOH08NWER003/CON14

CLOSING DATE AND TIME: 30 October 2026 @ 12H00

On behalf of the Department of Health, North West Province, the Independent Development Trust, invites bidders for the **APPOINTMENT OF A CONTRACTOR FOR THE KOSTER HOSPITAL UPGRADES – PHASE 1 IN KGETLENGRIVIER LOCAL MUNICIPALITY, NORTH WEST PROVINCE.**

Only tenders who have a CIDB contractor grading of **Grade 8GB (General Building) or higher; and comply with the tender conditions will be eligible for consideration.**

Documents will be available from the **23 September 2026**

Tender documents must be downloaded from IDT website and National Treasury e-tender on the following link: http://www.idt.org.za/business_opportunities/current-tenders ,and www.treasury.gov.za

BID enquiries relating to the issues of these documents may be addressed to:

Bid Administration and Technical Enquiries

E-mail: NWDOHTenders@idt.org.za

Tender submissions must be placed in the designated tender box located at the IDT office at the following address:

INDEPENDENT DEVELOPMENT TRUST (NORTH WEST OFFICES)
4071 Joules Street
Industrial Site
MAHIKENG
2745

A **compulsory clarification meeting** with representatives of the employer will take place on site at **KOSTER HOSPITAL** in Kgetlengrivier Local Municipality, Bojanala Platinum District of the North West Province on **05 October 2026 at 11:00AM**. The site is accessible from 1 Noord Street. The central coordinates of the site are **-25.85618° S, 26.89439° E**

Note: Bidders are requested and encouraged to arrive early before the commencement of the briefing session. No late arrivals will be allowed in the briefing meeting.

PLEASE NOTE THE FOLLOWING IMPORTANT DATES

- Compulsory Clarification Meeting (Site Briefing) Date: **05 October 2026 @ 11H00**
- Bid Closing Date: **30 October 2026 @ 12H00**

The evaluation of the tender will be carried out in three (3) phases.

1. PHASE ONE: COMPLIANCE REQUIREMENTS

Only bidders, who meet the following requirements will be eligible for further evaluation. **(Failure to comply with the criteria stated hereunder shall result in the tender offer being disqualified from further consideration)**

1.1 MANDATORY ADMINISTRATIVE REQUIREMENTS/ DOCUMENTATION

- 1.1.1** Submission of fully completed and signed Invitation to Bid (SBD 1).
- 1.1.2** Submission of fully completed and signed Bidder's Disclosure (SBD 4).
- 1.1.3** Submission of fully completed and signed Preference Points Claim Form in terms of the Preferential Procurement Regulations 2022 (SBD 6.1).
- 1.1.4** Confirmation of Receipt of Addenda to Bid Documents, if applicable

The IDT reserves its rights to request the information or documentation in accordance with the provisions of the Promotion of Administrative Justice Act (PAJA), which shall be submitted within seven (7) calendar days from request and failure to submit will result in disqualification.

1.2 MANDATORY COMPULSORY REQUIREMENTS/ DOCUMENTATION

- 1.2.1** Letter of Authority for signatory or Board / company resolution
- 1.2.2** The bidder must be registered with CIDB and provide CIDB Number Active **Grade 8GB or higher** (JV's to submit consolidated active CIDB Grading, which equates to the required grading or higher)
- 1.2.3** Valid and active Letter of good standing obtainable from Department of Labour (COIDA or Tender letter or FEM certificate). (If JV, all partners must submit COIDA or FEM Certificates or Tender letter)
- 1.2.4** Attendance to the compulsory site briefing meeting - Briefing session attendance register must be signed during briefing Meeting.
- 1.2.5** The Form of Offer must be fully completed, signed and witnessed in the tender document.
- 1.2.6** Joint Venture (JV) agreement, **if applicable**, JV agreement must be signed by all parties of the JV.
- 1.2.7** The bidder must be registered on Central Supplier Database (CSD) and provide MAAA Number to verify registration) before submitting the bid.
- 1.2.8** Active **SACPCMP** Professional registration for the Construction Manager / Construction Project Manager (**Pr. CM/CPM**) for the person that will be assigned to play a role of a construction manager for this project.

- 1.2.9** Active **SACPCMP** Professional registration for the Construction Health and Safety person as CHSO, CHSM or CHSA for the person that will be assigned to play a role of health and safety officer for this project.
- 1.2.10** The bidder must be registered with Company Incorporation Property Commission (CIPC) and provide source of verification (In the case of JV, all parties must submit company registration with CIPC).
- 1.2.11** The Bill of Quantities (BOQ) must be submitted in its entirety. All applicable items must be priced, and any non-applicable items must be clearly indicated as “Not Applicable (N/A)”

Note: (i) Failure to submit any of the above documents / requirements shall result in disqualification of the bid.

- (i) If any of the Directors are in the Employment of the State, the Regulation 13(c) of the Public Service Regulations, 2016 provides that 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. In alignment with Directive on conducting business with an organ of state issued by the minister of Public Service and Administration - 21 February 2024.
- (ii) If the bidder is listed on National Treasury List of Restricted Suppliers shall result in disqualification of the bid.
- (iii) If any of its Directors are Listed on the Register of Defaulters shall result in disqualification of the bid.

Tax Compliance Status is a mandatory requirement if the bidder is recommended for award.

- The bidder must provide it's Tax Compliance Letter with the unique pin for verification.

In accordance with National Treasury Instruction No. 9 of 2017/18, the IDT will verify the tax compliance status of the recommended bidder prior to the award of the Bid.

Where the recommended bidder is found to be non-compliant with its tax obligations, the IDT will notify the bidder in writing of its non-compliant status and afford the bidder seven (7) working days to submit written proof from the South African Revenue Service (SARS) confirming its tax compliance status, or written proof that the bidder has made an arrangement with SARS to meet its outstanding tax obligations.

The bidder's tax compliance status or proof of such arrangement will be verified by the IDT through the applicable SARS/eFiling or Central Supplier Database (CSD) verification process.

Should the recommended bidder fail to provide the required written proof within the stipulated seven (7) working days, the IDT will reject the Bid.

Only bidders who met all mandatory requirements will be evaluated further on functionality.

2. PHASE TWO: FUNCTIONALITY CRITERIA

Phase 2 entails the process of the evaluation of functionality, technical requirements. Only Bidders will meet the threshold of 70% (70 Points) or above of the total functionality, quality point will be eligible to be evaluated under phase 3. The table below, specifies in the functionality, technical criteria to be considered under the evaluation.

In Addition to achieving the overall minimum qualifying score for functionality, Bidders shall be required to achieve the minimum threshold stipulated for each critical evaluation criterion. Failure to achieve the minimum threshold in any criterion shall render the Bid non responsive for functionality purposes.

Criteria	Maximum Points Allocation	Minimum Points
Relevant Previous Experience	35 points	17 points
Signed and stamped client references	15 points	6 points
Qualifications, Skills and Experience of project key resources	35 points	20 points
Financial Viability	15 points	10 points

Similar Nature of work for evaluation Construction/renovation of Buildings (No points will be allocated for other nature and value of works like Civil Engineering projects, Water and sanitation projects, Transport Projects, Traffic Engineering Projects, and all Electrical & Mechanical Engineering projects, RDP/ low cost housing projects)

Supporting Documents Required

- Particulars of Tender's Projects (Appointment letters and completion certificates)
- Schedule of Tenderer's References
- CV of Key Personnel including the OHS
- Copies of Certificates/qualifications (certified copies not older than 6 Months)
- Copies of all Professional Registrations of Staff.
- Signed and stamped banking/financial documentation

Only bidders who are competent and who have achieved the minimum functionality threshold of 70 points or higher will be evaluated on 90/10 (Price / Specific Goals) points based on the Preferential Procurement Regulations of 2022.

3. PHASE THREE: PREFERENTIAL POINT SYSTEM

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

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 tender documents, stipulate in the case of—

The 90/10 Preferential Point System will be applied, where 90 points will be allocated for price and 10 points for specific goals. The 90/10 system will be used since the estimated value for this project

is above the R50 000 000 (all applicable taxes included).

- (a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system: or
- (b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system, then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

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

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

The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system)	Number of points claimed (90/10 system) (To be completed by the tenderer)
Women Ownership	3	
Youth Ownership	3	
People with Disabilities Ownership	2	
Black Ownership	2	
Total points for Price and SPECIFIC GOALS	100	

Source Documents to be submitted with the Tender:

In order to claim and be awarded points, the following source documents must be submitted with the bid. Failure to submit any of the below source documents will lead to zero point allocation.

- CIPC Company Registration Document must be submitted for verification purposes. If ownership details are not reflected on the CIPC document, a Share Certificate must also be submitted as proof of ownership.
- Woman (Originally Certified ID Document not older than 6 months)
- Youth (Originally Certified ID Document not older than 6 months)
- People with Disability (Letter from the Dr. Confirming the Disability signed with verifiable contact details)
- Black Ownership (Originally Certified ID Document not older than 6 months)

CSD full report will be used in support of the above mentioned documentation to verify specific goals

The IDT may conduct a risk assessment on recommended bidder/s. Bidders are requested to price each line item of the Bills of Quantities (BOQ) in black ink. Should the bidder/s be deemed too risky to complete the project based on the IDT's risk assessment report, they will be subjected for further clarification.

Tender Documents may be downloaded from the IDT's website following the link <http://www.idt.org.za/business-opportunities/current-tenders/> as well as on the e-tenders portal, www.etenders.gov.za. Tenders must only be submitted on the tender documentation that is downloaded from the stipulated websites. The retyping of the tender document is not permitted:

All SCM and Technical enquiries relating to this bid must be directed in writing to NWDOHTenders@idt.org.za during office hours (08h30 – 17h00) weekdays.

Enquiries will be accepted until the **23 October 2026**. No Verbal or telephonic queries will be attended to. Any attempt to verbally contact the IDT's Agent or IDT's employee to influence outcome of this tender will lead to disqualification.

On submission of Tender documents, the bidder must submit a signed original bid document in hard copy.

Requirements for sealing, addressing, delivery, opening and assessment of bids are stated in the Tender Data. (Refer to Section T1.2)

The bid closing date is **30 October 2026 @ 12h00** and bids shall be submitted in the tender box at IDT's North West Regional Office;

**4071 Joules Street
Industrial Site
Mahikeng
2735**

Telegraphic, telephonic, telex, facsimile, e-mail and late bids **WILL NOT** be accepted.

The Independent Development Trust does not bind itself to accept the lowest or any particular bid.

T1.2 BID DATA

INDEPENDENT DEVELOPMENT TRUST

APPOINTMENT OF A CONTRACTOR FOR THE KOSTER HOSPITAL UPGRADES – PHASE 1 IN KGETLENGRIVIER LOCAL MUNICIPALITY, NORTH WEST PROVINCE.

T1.2 Bid Data

The conditions of tender are the Standard Conditions of Tender as contained in Annex F of the CIDB Standard for Uniformity in Construction Procurement. (See www.cidb.org.za) which are reproduced without amendment or alteration for the convenience of tenderers as an Annexure to this Tender Data.

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. Each item of data given below is cross-referenced to the clause in the Standard Conditions of Tender to which it mainly applies.

The additional conditions of bid are:

Clause number	BID DATA FOR APPOINTMENT OF A CONTRACTOR FOR THE KOSTER HOSPITAL UPGRADES – PHASE 1 IN KGETLENGRIVIER LOCAL MUNICIPALITY, NORTH WEST PROVINCE.– BID NUMBER: DOH08NWER003/CON14
F.1.1	The employer is the Independent Development Trust on behalf of the Department of Health, North West Province.
F.1.2	The bid documents issued by the employer comprises: THE BID Part T1: Bidding procedures T1.1 Bid notice and invitation to bid T1.2 Bid data Part T2: Returnable documents T2.1 List of returnable documents T2.2 Returnable schedules THE CONTRACT Part C1: Agreements and contract data C1.1 Form of offer and acceptance C1.2 Contract data C1.3 Form of Guarantee C1.4 Adjudicator's agreement C1.5 Agreement in terms of Occupational Health and Safety C1.6 Waiver of Lien Part C2: Pricing data C2.1 Pricing instructions C2.2 Bills of quantities Part C3: Scope of work C3 Scope of work

	Part C4: Site Information C4 Site Information This tender applies to both the (a) Skills Development Standard and the (b) Indirect Targeting Standard. Although in the case of these two standards there are no returnable documents, tenderers are sensitized that the proforma documents as listed below, shall be completed by the successful contractor after award of the contract within the stipulated period. (The proforma documents are provided in the tender data for information purposes only). Form A 1 List of recognized Skills Development Agencies, Form A 2 Baseline Training Plan, Form A 3 Project Interim Report, Form A 4 Supervisor Agreement, Form A 5 Project Completion Report. (Skills Development Standards) Project Interim Report, Project Completion Report and Declaration. (Indirect Targeting Standards) Addendum to the Contract Annexures Annexure A: Architectural Drawings Annexure B: Electrical Specifications & Drawings Annexure C: Civil and Structural Drawings
F.1.4	The employer's agent is: Studio E - Design Mr. J. Koko 35 DF Malan Drive, Lyttelton Centurion, 0157 Tel: (012) 664 0168 E- mail: jossy@studioe-design.co.za
F.2.1 F.2.1.1 F.2.1.1.1	Eligibility Submit a tender offer only if the Tenderer satisfies the criteria stated hereunder and if the Tenderer, or any of his principals, is not under any restriction to do business with the employer (IDT) or the North West Department of Health Only bidders, who meet the following requirements will be eligible for further evaluation. 1.1. MANDATORY ADMINISTRATIVE REQUIREMENTS/ DOCUMENTATION 1.1.1 Submission of fully completed and signed Invitation to Bid (SBD 1). 1.1.2 Submission of fully completed and signed Bidder's Disclosure (SBD 4). 1.1.3 Submission of fully completed and signed Preference Points Claim Form in terms of the Preferential Procurement Regulations 2022 (SBD 6.1). 1.1.4 Confirmation of Receipt of Addenda to Bid Documents, if applicable The IDT reserves the right to request information or documentation in accordance with the provisions of the Promotion of Administrative Justice Act (PAJA). 1.2. MANDATORY COMPULSORY REQUIREMENTS/ DOCUMENTATION 1.2.1 Letter of Authority for signatory and / or Board / company resolution. 1.2.2 The bidder must be registered with CIDB and provide CIDB number – Grade 8GB or higher (JV's to hold a consolidated CIDB Grading, which equates to the required grading). 1.2.3 The bidder must provide a valid letter of good standing from Department of Labour (COIDA) or FEM certificate. (If JV, all partners must submit COIDA or FEM Certificates) 1.2.4 The bidder must be registered with CIPC Company Incorporation Property Commission and provide source of verification (in the case of JV each company must be registered with CIPC). 1.2.5 The bidder must be registered on Central Supplier Database (CSD) and provide MAAA Number to verify registration) before submitting the bid. 1.2.6 Attendance to the compulsory site briefing meeting - Briefing session attendance register

F.2.1.1.2	must be signed at Briefing Meeting. 1.2.7 The Form of Offer must be fully completed, signed and witnessed in the tender document. 1.2.8 The Bill of Quantities must be completed and priced 1.2.9 Joint Venture (JV) agreement, if applicable, must be signed by all parties of the JV 1.2.10 Acknowledgement of Addenda to Tender Documents (if applicable) The bidder must provide proof of active professional registration as PrCPM/PrCM with SACPCMP for the person that will be assigned to play a role of a construction manager for this project. 1.2.11 The bidder must provide proof of active professional registration as professional occupational health and safety with SACPCMP as CHSO, CHSM or CHSA for the person that will be assigned to play a role of health and safety officer for this project. Notes: (i) Failure to submit any of the above documents / requirements shall result in disqualification of the bid. (ii) If any of the Directors are in the Employment of the State, the Regulation 13(c) of the Public Service Regulations, 2016 provides that 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. In alignment with Directive on conducting business with an organ of state issued by the minister of Public Service and Administration - 21 February 2024. (iii) If the bidder is listed on National Treasury List of Restricted Suppliers shall result in disqualification of the bid. (iv) If any of its Directors are Listed on the Register of Defaulters shall result in disqualification of the bid. Tax Compliance Status is a mandatory requirement if the bidder is recommended for award. • The bidder must provide it's Tax Compliance Letter with the unique pin for verification. In accordance with National Treasury Instruction No. 9 of 2017/18, the IDT will verify the tax compliance status of the recommended bidder prior to the award of the Bid. Where the recommended bidder is found to be non-compliant with its tax obligations, the IDT will notify the bidder in writing of its non-compliant status and afford the bidder seven (7) working days to submit written proof from the South African Revenue Service (SARS) confirming its tax compliance status, or written proof that the bidder has made an arrangement with SARS to meet its outstanding tax obligations. The bidder's tax compliance status or proof of such arrangement will be verified by the IDT through the applicable SARS/eFiling or Central Supplier Database (CSD) verification process. Should the recommended bidder fail to provide the required written proof within the stipulated seven (7) working days, the IDT will reject the Bid. CIDB Grading In order to be considered for an appointment in terms of this bid, the bidder must be registered with the CIDB, in a contractor grading designation in accordance with the sum tendered for a Grade 8GB class of construction work. Joint ventures are eligible and preferred with particular reference to local participation and as such submit tenders provided that: 1. every member of the joint venture is registered with the CIDB; 2. the lead partner has a contractor grading designation in the Grade 8GB or Higher class of construction work; and 3. the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to 8GB contractor grading designation determined in accordance with the sum tendered for a (GB) General Building class of construction work
-----------	--

F.2.1.1.3	Key Personnel In order to be considered for an appointment in terms of this bid, the bidder must have the following key personnel in its permanent employment at the close of the bid. Alternatively, a signed undertaking from an organisation having the required personnel, stating that they will undertake the necessary work on behalf of the bidder in terms of a sub-consultant agreement, will be acceptable. Such undertaking must be attached to the “Key Personnel” schedule, Part T2.2: Returnable Schedules. Individuals must be identified for each of the key personnel listed on the “Key Personnel” schedule, Part T2.2: Returnable Schedules. Where the key personnel are no longer accessible to undertake the necessary work after the award of the tender, the contractor shall within a period of 5 working days replace the key personnel listed on the “Key Personnel” schedule, Part T2.2: Returnable Schedules with a person with equivalent competencies and subject to approval by the employer.
F.2.6	Acknowledge addenda Acknowledge receipt of addenda to the bid documents, which the employer may issue, and if necessary apply for an extension to the closing time. If the Addenda has financial implications, failure to acknowledge the addenda may eliminate your bid from evaluation. This is due to incomparability of offers with the rest of the bidders
F.2.7	Clarification Meeting A compulsory clarification meeting with representatives of the employer will take place on site at KOSTER HOSPITAL in Kgetlengrivier Local Municipality, Bojanala Platinum District of the North West Province on 05 October 2026 at 11:00AM. The site is accessible from 1 Noord Street. The central coordinates of the site are -25.85618° S, 26.89439° E Bidders shall sign the attendance register in the name of the bidding entity. Addenda if any will be issued to bidders appearing on the attendance register. Note: Bidders are advised to allow enough travelling time to the briefing meeting.
F.2.8	Seek clarification Bidders can request clarification of the bid documents, if necessary, by notifying the employer in writing to <u>NWDOHTenders@idt.org.za</u> during office hours (08h30 – 17h00) weekdays at least 5 (five) working days before the closing time and date stated in F.2.15.
F.2.9	Insurances Refer to contract data for insurance requirements. (Refer to Section C1.2)
F.2.11	Alterations to documents Do not make any alterations or additions to the bid documents, except to comply with instructions issued by the employer, or necessary to correct errors made by the bidder. All signatories to the bid offer shall initial all such alterations. Erasures and the use of masking fluid are prohibited.

Clause number	BID DATA FOR APPOINTMENT OF A CONTRACTOR FOR THE KOSTER HOSPITAL UPGRADES – PHASE 1 IN KGETLENGRIVIER LOCAL MUNICIPALITY, NORTH WEST PROVINCE.– BID NUMBER: DOH08NWER003/CON14
F.2.12	Alternative Bid Offers No alternative tender offers will be considered.
F.2.13	Submitting a Bid Offer
F.2.13.4	The bidder will sign the original of the bid offer.
F.2.13.5	The bidder must submit tender offer in a sealed envelope. (Clearly marked APPOINTMENT OF A CONTRACTOR FOR THE KOSTER HOSPITAL UPGRADES – PHASE 1 IN KGETLENGRIVIER LOCAL MUNICIPALITY, NORTH WEST PROVINCE. – BID NUMBER: DOH08NWER003/CON14 On submission of Tender documents, the bidder must submit a signed original bid document in hard copy and one softcopy of the bid document using USB-memory stick / Disc (read only). The bid document softcopy on the USB-memory stick should be indexed the same way as the original bid hard copy document, which can be returned back to the bidder after the evaluation process is completed.
F.2.13.6	Two-envelope system – not applicable
F.2.13.7	The employer's details and address for delivery of tender offers and identification details that are to be shown on each tender offer package are: Employer's address: North West Regional Office 4071 Joules Street Industrial Site Mahikeng 2735
F.2.13.9	Identification details: Tender No: DOH08NWER003/CON14 Description: APPOINTMENT OF A CONTRACTOR FOR THE KOSTER HOSPITAL UPGRADES – PHASE 1 IN KGETLENGRIVIER LOCAL MUNICIPALITY, NORTH WEST PROVINCE., NORTH WEST PROVINCE. Tender offers submitted by facsimile, e-mail or reproduced will be rejected by the employer. Tender documents must be submitted in an original format as issued by the employer.

Clause number	BID DATA FOR APPOINTMENT OF A CONTRACTOR FOR THE KOSTER HOSPITAL UPGRADES – PHASE 1 IN KGETLENGRIVIER LOCAL MUNICIPALITY, NORTH WEST PROVINCE.– BID NUMBER: DOH08NWER003/CON14
F.2.15	Closing Time of Tender
F.2.15.1	The closing time for submission of tender offers is by no later than 30 October 2026 a 12h00. Location of tender box: North West Regional Office 4071 Joules Street Industrial Site Mahikeng 2735 Telephonic, telegraphic, telex, facsimile or e-mailed tender offers will not be accepted.
F.2.16	Tender Offer Validity
F.2.16.1	The bidder is required to hold the bid offer valid for a period of 120 calendar days (<i>from the bid closing date</i>)
F.2.19	Inspections, Tests and Analysis
	Access shall be provided for inspections, tests and analysis as may be required by the employer.
F.2.23	Certificates
	The bidder is required to submit with his tender a Contractor Registration number issued by the Construction Industry Development Board (CIDB). The bidder is required to submit with his tender the MAAA Number to verify registration with the Central Supplier Database (CSD). The bidder is required to submit with his tender professional registration certificates for the key personnel requested.
F3.5	Two-envelope system – not applicable
F.3.1	Evaluation of Tender Offers
	The procedure for the evaluation of a responsive tender will be in terms of the Preferential Procurement Regulations 2022 on a 80/20 or 90/10 preference point system.
F.3.11.3	In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/documentation stated in the conditions of this tender: 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 tender documents, stipulate in the case of— (a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or (b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system, then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

Clause number	BID DATA FOR APPOINTMENT OF A CONTRACTOR FOR THE KOSTER HOSPITAL UPGRADES – PHASE 1 IN KGETLENGRIVIER LOCAL MUNICIPALITY, NORTH WEST PROVINCE.– BID NUMBER: DOH08NWER003/CON14																	
F.3.11.8	Scoring Preference Table 1: Specific goals for the tender and points claimed are indicated per the table below. <i>(Note to organs of state: Where either the 90/10 preference point system is applicable, corresponding points must also be indicated as such.</i> <i>Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)</i> <table><tr><th>The specific goals allocated points in terms of this tender</th><th>Number of points allocated (90/10 system) (To be completed by the organ of state)</th><th>Number of points claimed (90/10 system) (To be completed by the tenderer)</th></tr><tr><td>Women Ownership</td><td>3</td><td></td></tr><tr><td>Youth Ownership</td><td>3</td><td></td></tr><tr><td>People with Disabilities Ownership</td><td>2</td><td></td></tr><tr><td>Black Ownership</td><td>2</td><td></td></tr></table> Source Documents to be submitted with the Tender: In order to claim and be awarded points, the following source documents must be submitted with the bid. Failure to submit any of the below source documents will lead to zero point allocation. • CIPC Company Registration Document must be submitted for verification purposes. If ownership details are not reflected on the CIPC document, a Share certificate must be submitted as proof of ownership. • Woman (Originally Certified ID Document not older than 6 months) • Youth (Originally Certified ID Document not older than 6 months) • People with Disability (Letter from the Dr. Confirming the Disability signed with verifiable contact details) • Black Ownership (Originally Certified ID Document not older than 6 months) CSD full report will be used in support of the above mentioned documentation to verify specific goals			The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Women Ownership	3		Youth Ownership	3		People with Disabilities Ownership	2		Black Ownership	2	
The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)																
Women Ownership	3																	
Youth Ownership	3																	
People with Disabilities Ownership	2																	
Black Ownership	2																	

F.3.11.9	The quality criteria and maximum score in respect of each of the criteria are as follows:																																				
	Criteria	Maximum Points Allocation	Minimum Points																																		
	Relevant Previous Experience on completed projects of a similar nature and value in the last ten (10) years (Refer to Form T2.2.2)	35 points	17 points																																		
	Signed and stamped client references on the same projects listed above (both Client & Client Representative). OR Signed and Contactable reference letters from previous clients.	15 points	6 points																																		
	Qualifications, Skills and Experience of project key resources	35 points	20 points																																		
	Financial Viability	15 points	10 points																																		
	Total	100 points																																			
	NB: Minimum qualifying functionality threshold is 70 points out 100																																				
	A. RELEVANT PREVIOUS EXPERIENCE ON COMPLETED PROJECTS OF A SIMILAR NATURE AND VALUE IN THE LAST TEN (10) YEARS (35 POINTS):																																				
	Points allocated for proven track record based on previous projects executed to completion by the bidder in consideration of similar kind and complexity. The similarity refers to the construction of building projects in the past 10 years. Buildings (No points will be allocated for other nature and value of works like Civil Engineering projects, Water and sanitation projects, Transport Projects, Traffic Engineering Projects and all Electrical & Mechanical Engineering projects, RDP/low cost housing) The scoring on this item will be carried out as follows: i. The bidder shall submit signed appointment letter(s) in the relevant official Client letterhead clearly showing the project value / amount ii. The bidder shall submit signed proof of project completion (JBCC or other Completion Certificate or letter from the client (client letter head) confirming completion of such a project). iii. For subcontracted work submit the appointment letter and completion certificate as stated in (i) & (ii) together with the appointment letter and completion certificate for the main contractor NOTE: Failure to submit any of the above requirements will result in no points being awarded to the bidder. Evaluation points will be awarded in terms of the following table below: <table><tr><td></td><td>Similar completed projects (as per CIDB level 8GB & above – Tender Value Limit between R 60 000 001 and above</td><td>Similar completed projects (as per CIDB level 7GB – Tender Value Limit between R 20 000 001 to R 60 000 000)</td><td>Similar Completed projects (as per CIDB level 6GB – Tender Value Limit between R 10 000 001 to R 20 000 000)</td><td>Non-Submission, Irrelevant Evidence, Incomplete Evidence</td></tr><tr><td>Project A</td><td>7</td><td>5</td><td>3</td><td>0</td></tr><tr><td>Project B</td><td>7</td><td>5</td><td>3</td><td>0</td></tr><tr><td>Project C</td><td>7</td><td>5</td><td>3</td><td>0</td></tr><tr><td>Project D</td><td>7</td><td>5</td><td>3</td><td>0</td></tr><tr><td>Project E</td><td>7</td><td>5</td><td>3</td><td>0</td></tr><tr><td>Points</td><td>35</td><td>25</td><td>15</td><td>0</td></tr></table> The scoring on this item will be carried out as follows: iv. The bidder shall submit signed appointment letter(s) in the relevant official Client letterhead clearly showing the project value / amount v. The bidder shall submit signed proof of project completion				Similar completed projects (as per CIDB level 8GB & above – Tender Value Limit between R 60 000 001 and above	Similar completed projects (as per CIDB level 7GB – Tender Value Limit between R 20 000 001 to R 60 000 000)	Similar Completed projects (as per CIDB level 6GB – Tender Value Limit between R 10 000 001 to R 20 000 000)	Non-Submission, Irrelevant Evidence, Incomplete Evidence	Project A	7	5	3	0	Project B	7	5	3	0	Project C	7	5	3	0	Project D	7	5	3	0	Project E	7	5	3	0	Points	35	25	15
	Similar completed projects (as per CIDB level 8GB & above – Tender Value Limit between R 60 000 001 and above	Similar completed projects (as per CIDB level 7GB – Tender Value Limit between R 20 000 001 to R 60 000 000)	Similar Completed projects (as per CIDB level 6GB – Tender Value Limit between R 10 000 001 to R 20 000 000)	Non-Submission, Irrelevant Evidence, Incomplete Evidence																																	
Project A	7	5	3	0																																	
Project B	7	5	3	0																																	
Project C	7	5	3	0																																	
Project D	7	5	3	0																																	
Project E	7	5	3	0																																	
Points	35	25	15	0																																	

NOTE: Failure to submit any of the above requirements will result in no points being awarded to the bidder.

B. SIGNED CLIENT REFERENCES ON THE SAME PROJECTS LISTED ABOVE BY CLIENT or CLIENT AGENT OR SIGNED WITH CONTACTABLE REFERENCE LETTERS FROM PREVIOUS CLIENTS (15 POINTS).

Points allocated for client reference **(As per returnable schedule T 2.2.4)** based on previous completed projects as above executed by the bidder in consideration:

To score points on this item, the following must be submitted:

- i. Signed and stamped client references in the forms supplied in this document, or
- ii. Signed and verifiable reference letters from previous clients on official client letterheads, including contact details of the relevant client representative. (Bidders who submit client references in their own format shall be eligible to score up to a maximum of 2 points, subject to the reference containing all required information for assessment.)

NOTE: Failure to submit any of the above requirements will results in no points being awarded to the bidder.

Evaluation points will be awarded in terms of the following table:

Projects	Overall Assessment by Client			
	Poor	Average	Good	Excellent
Project 1	0	1	2	3
Project 2	0	1	2	3
Project 3	0	1	2	3
Project 4	0	1	2	3
Project 5	0	1	2	3
Total Number of Points	0	5	10	15

C. QUALIFICATIONS, SKILLS AND EXPERIENCE OF PROJECT KEY RECOURCES (35 POINTS):

To score points on this item, the following must be submitted:

- i. Project team Organogram to confirm personnel
- ii. Relevant originally certified evidence of qualifications for the allocated required Key Project Resources (certification must not be older than 6 months)
- iii. Curriculum Vitae
- iv. Active and valid professional registration certificate or a letter of good standing from the respective council.

NOTE: Points allocation with submission of all required documentation will be rounded off to the nearest lowest number

Evaluation points will be awarded in terms of the following table A (28 points):

Category	Professional Registration (5 points)	Qualification within the Built Environment (9 points)			Years of experience within the Built Environment (14 points)			
	(SACPCMP)	Degree (NQF 7) or higher	Diploma (NQF 6)	National Certificate or similar	10 or above years	5 - 9 years	1 - 4 years	< 1 year
Project / Contract Manager	5	4	3	2	5	4	3	1
Site Agent	Not required	3	2	1	5	4	3	1
Foreman	Not required	2	1	1	4	3	2	1
Total Points	5	9	6	4	14	11	8	3

Evaluation points will be awarded in terms of the following table B (7 points):															
Category		Description	Points												
Health and Safety Resource	Professional Registration with SACPCMP (Mandatory)		7												
	No submission		0												
Where the key personnel allocated to this project is no longer accessible to undertake the necessary work after the award of the tender, the contractor shall within a period of 5 working days replace the Key personnel with a person with equivalent competencies subject to approval by the employer. . D. FINANCIAL VIABILITY (15 POINTS): Points are allocated to contractors who provide at least one of the following verifiable documents: <table><tr><td colspan="2">Description</td><td>Points</td></tr><tr><td colspan="2"> Signed and stamped bank rating Code “A” of R3 Million or higher over the period of 12 Months, dated within twelve (12) months prior to the tender closing date; or Annual financial statements Not older than 12 months with Cash & Cash Equivalent of R3 Million and above, signed by an accountant and company director; or signed and stamped bank-issued confirmation of an approved overdraft facility of not less than R3 million, dated within twelve (12) months prior to the tender closing date </td><td>15</td></tr><tr><td colspan="2"> Signed and stamped bank rating Code “B” of a minimum of R1 Million over the period of 12 Months, dated within twelve (12) months prior to the tender closing date; or Annual financial statements Not older than 12 months with Cash & Cash Equivalent of a minimum of R1 Million and above, signed by an accountant and company director; or signed and stamped bank-issued confirmation of an approved overdraft facility of not less than minimum of R1 Million, dated within twelve (12) months prior to the tender closing date </td><td>10</td></tr><tr><td colspan="2">Non-Submission and thresholds lower than above</td><td>0</td></tr></table> NOTE: 15 points will be scored if at least one of the required documents listed above . Failure to submit will result in zero points for these criteria.				Description		Points	Signed and stamped bank rating Code “A” of R3 Million or higher over the period of 12 Months, dated within twelve (12) months prior to the tender closing date; or Annual financial statements Not older than 12 months with Cash & Cash Equivalent of R3 Million and above, signed by an accountant and company director; or signed and stamped bank-issued confirmation of an approved overdraft facility of not less than R3 million, dated within twelve (12) months prior to the tender closing date		15	Signed and stamped bank rating Code “B” of a minimum of R1 Million over the period of 12 Months, dated within twelve (12) months prior to the tender closing date; or Annual financial statements Not older than 12 months with Cash & Cash Equivalent of a minimum of R1 Million and above, signed by an accountant and company director; or signed and stamped bank-issued confirmation of an approved overdraft facility of not less than minimum of R1 Million, dated within twelve (12) months prior to the tender closing date		10	Non-Submission and thresholds lower than above		0
Description		Points													
Signed and stamped bank rating Code “A” of R3 Million or higher over the period of 12 Months, dated within twelve (12) months prior to the tender closing date; or Annual financial statements Not older than 12 months with Cash & Cash Equivalent of R3 Million and above, signed by an accountant and company director; or signed and stamped bank-issued confirmation of an approved overdraft facility of not less than R3 million, dated within twelve (12) months prior to the tender closing date		15													
Signed and stamped bank rating Code “B” of a minimum of R1 Million over the period of 12 Months, dated within twelve (12) months prior to the tender closing date; or Annual financial statements Not older than 12 months with Cash & Cash Equivalent of a minimum of R1 Million and above, signed by an accountant and company director; or signed and stamped bank-issued confirmation of an approved overdraft facility of not less than minimum of R1 Million, dated within twelve (12) months prior to the tender closing date		10													
Non-Submission and thresholds lower than above		0													
Quality Formula	WQ=W2 x So/Ms		Formula used to calculate Functionality points												
	W2 =Total evaluation points for functionality as per Scorecard														
	So = Functionality points allocated to the bidder under consideration														
	Ms =Maximum possible score for functionality in respect of a submission														
Minimum points to be scored for Functionality is 70%															
		Formula 2 Option 1,A=(1- {p-pm/pm})	Formula used to												

<u>FINANCIAL OFFER/PRICE</u>	80/90	pm =The comparative Price offer of the mean/average qualifying tenderer	calculate Financial Offer/Price points	
		p =The comparative offer of the tender under consideration		
	80/90			

Notes:

1. Bidders are required to score minimum points of 70% for Functionality as stated in the tender data
2. Bidders who fail to meet the required minimum number of points for functionality as stated in the tender data shall be disqualified
3. Bidders who fail to disclose mandatory required information as per the returnable schedules shall be disqualified

4. Bidders to submit the following for means of verification:

- a) Project list of similar completed projects
- b) Performance and quality reports from clients / consultants
- c) Certified certificates of qualification of key staff and CV's including references
- d) Traceable References for projects completed
- e) Proof of financial Capacity

Clause number	BID DATA FOR APPOINTMENT OF A CONTRACTOR FOR THE KOSTER HOSPITAL UPGRADES – PHASE 1 IN KGETLENGRIVIER LOCAL MUNICIPALITY, NORTH WEST PROVINCE.– BID NUMBER: DOH08NWER003/CON14
F.3.13 F.3.13.1	Acceptance of Bid Offers Bid offers will only be accepted if: a) the bidder has submitted an original valid Tax Clearance Certificate issued by the South African Revenue Services; b) the bidder is registered with the Construction Industry Development Board in an appropriate contractor grading designation; c) the bidder 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 of 2004 as a person prohibited from doing business with the public sector; d) the bidder has not: i) abused the Employer's Supply Chain Management System; or ii) failed to perform on any previous contract and has been given a written notice to this effect; e) the bidder has completed the Declaration of Interest and there are no conflicts of interest which may impact on the bidder's ability to perform the contract in the best interests of the employer or potentially compromise the bid process and persons in the employ of the state are not permitted to submit tenders; f) if there are no conflicts of interest which may impact on the bidder's ability to perform the contract in the best interests of the employer or potentially compromise the bid process g) the bidder has submitted the CIPRO documentation and certified copies of ID's for all directors; h) the bidder completed, signed and witnessed form of offer; i) the bidder is in good standing with Compensation for Occupational Injuries and Disease Act (COIDA) / FEM j) the bidder has submitted a fully priced Bill of Quantities; k) The bidder attended a compulsory briefing session and completed attendance register or certificate of attendance is signed by the representative of the Employer. l) The bidder is required to submit with his bid a Certificate of Contractor Registration issued by the Construction Industry Development Board and proof of Registration on the Central Supplier Database (CSD) with a Compliant Tax Status; copy of the tax clearance with Tax Compliance Pin issued by the South African Revenue Services. M) The bidder and all its directors are South African Citizens (For National Key Point Projects).

F.3.14	Notice to Unsuccessful Bidders Should bidders not hear from the IDT within one hundred and twenty (120) calendar days of closure, they should consider their submission unsuccessful. Award will be posted on e-tender and CIDB website within 21 days of award. No written notification directed to each bidder will be issued by the Employer to unsuccessful bidders.
F.3.18	Provide Copies of the Contract The number of paper copies of the signed contract to be provided by the employer is one.
	The additional conditions of bid are: 1 The employer is not obliged to accept the lowest or any bid.

ANNEXURE F: STANDARD CONDITIONS OF BID

(As contained in ADDENDUM F of the CIDB Standard for Uniformity in Construction Procurement)

Standard Conditions of Tender

F.1 General

F.1.1 Actions

F.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 and with integrity, and behave equitably, honestly and transparently, comply with all legal obligations and not engage in anticompetitive practices.

F.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 at the start of any deliberations relating to 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.

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

F.1.2 Tender Documents

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

F.1.3 Interpretation

F.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.

F.1.3.2 These conditions of tender, the tender data and tender schedules which are only required for tender evaluation purposes, shall not form part of any contract arising from the invitation to tender.

F.1.3.3 For the purposes of these conditions for the calling for expressions of interest, 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 organisation 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 organisation which employs that employee.
- b) **Comparative offer** means the tenderer's financial offer after all tendered parameters that will affect the value of the financial offer have been taken into consideration in order to enable comparisons to be made between offers on a comparative basis
- 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; and
- 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

F.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 (*i.e post contract award and signing*), and in a form that can be read, copied and recorded. Writing shall be in the English language. The employer shall not take any responsibility for non-receipt of communications from or by a tenderer. The name and contact details of the employer's agent are stated in the tender data.

F.1.5 Cancellation and Re-Invitation of Tenders

- F.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.
- F.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.
- F.1.5.3** An employer may only with the prior approval of the relevant treasury cancel a tender invitation for the second time.

F.1.6 Procurement procedures

F.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.

F.1.6.2 Competitive negotiation procedure

- F.1.6.2.1** Where the tender data require 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.
- F.1.6.2.2** All responsive tenderers, or not less than three responsive tenderers that are highest ranked in terms of the evaluation method and evaluation criteria stated in the tender data, shall be invited in each round to enter into competitive negotiations, based on the principle of equal treatment and keeping confidential the proposed solutions and associated information. Notwithstanding the provisions of F.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.
- F.1.6.2.3** At the conclusion of each round of negotiations, tenderers shall be invited by the employer to make a fresh 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.
- F.1.6.2.4** The contract shall be awarded in accordance with the provisions of F.3.11 and F.3.13 after tenderers have been requested to submit their best and final offer.

F.1.6.3 Proposal procedure using the two stage-system (Not Applicable for this Bid)

F.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

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

F.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.

F.2 Tenderer's obligations

F.2.1 Eligibility

F.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 and/or the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector;

F.2.1.2 Notify the employer of any proposed material change in the capabilities or formation of the bidding 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.

F.2.2 Cost of tendering

F.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.

F.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.

F.2.3 Check documents

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

F.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.

F.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.

F.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.

F.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.

F.2.8 Seek clarification

Request clarification of the tender documents, if necessary, by notifying the employer at least five working days before the closing time stated in the tender data. The tenderer is encouraged to go through all contents of the tender document as seek clarification where applicable. Any assumptions made by the bidder without prior confirmation by the Employer and his agent shall be at the tenderers own risk.

F.2.9 Insurance

Be aware that the extent of insurance to be provided by the employer (if any) may 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.

F.2.10 Pricing the tender offer

F.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.

F.2.10.2 Show VAT payable by the employer separately as an addition to the tendered total of the prices.

F.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.

F.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.

F.2.11 Alterations to documents

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. Erasures and the use of masking fluid are prohibited.

F.2.12 Alternative tender offers

F.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.

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

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

F.2.13 Submitting a bid offer

F.2.13.1 Submit one bid offer only, either as a single bidding 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.

F.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 in black ink.

F.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.

F.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.

F.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.

F.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.

F.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.

F.2.13.8 Accept that the employer shall 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.

F.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.

F.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 and as such be disqualified.

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.

F.2.15 Closing time

F.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.

F.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

F.2.16 Tender offer validity

F.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.

F.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.

F.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.

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

F.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 F.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.

F.2.18 Provide other material

F.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.

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

F.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.

F.2.20 Submit securities, bonds, policies, etc.

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.

F.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.

F.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.

F.2.23 Certificates

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

F.3 The employer's undertakings

F.3.1 Respond to requests from the tenderer

F.3.1.1 Unless otherwise stated in the tender Data, respond to a request for clarification received up to five working days before the tender closing time stated in the Tender Data and notify all tenderers who drew procurement documents.

F.3.1.2 Consider any request to make a material change in the capabilities or formation of the bidding 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.

F.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 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 drew documents.

F.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.

F.3.4 Opening of tender submissions

F.3.4.1 Unless the two-envelope system is to be followed, open valid tender submissions by the IDT's SCM Unit. Tender submissions for which acceptable reasons for withdrawal have been submitted will not be opened publicly.

F.3.4.2 Announce at the meeting held immediately after the opening of tender submissions the name of each tenderer whose tender offer is opened and, where applicable, the total of his prices for the main tender offer only.

F.3.4.3 Make available the record outlined in F.3.4.2 on the IDT's website.

F.3.5 Two-envelope system (Not Applicable for this bid)

F.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.

F.3.5.2 Evaluate the quality 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 quality evaluation more than the minimum number of points for quality stated in the tender data, and announce the score obtained for the technical proposals and the total price and any preferences claimed. Return unopened financial proposals to tenderers whose technical proposals failed to achieve the minimum number of points for quality.

F.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.

F.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.

F.3.8 Test for responsiveness

F.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.

F.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.

F.3.9 Arithmetical errors, omissions and discrepancies

F.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.

F.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 item 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.

F.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.

F.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.

F.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.

F.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 procedure

The CIDB Standard Conditions of Tender are based on a procurement system that satisfies the following system requirements:

Requirement

Fair

Equitable

Transparent

Competitive

Qualitative interpretation of goal

The process of offer and acceptance is conducted impartially without bias, providing simultaneous and timely access to participating parties to the same information.

Terms and conditions for performing the work do not unfairly prejudice the interests of the parties.

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.

The system provides for appropriate levels of competition to ensure cost effective and best value outcomes.

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

F3.11.1 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

F.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.

F.3.13 Acceptance of tender offer

Accept the tender offer, if in the opinion of the employer, it does not present any unacceptable commercial risk and only if the 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, bankrupt or being wound up, has his affairs administered by a court or a judicial officer, has suspended his 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.

F.3.14 Prepare contract documents

F.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.

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

F.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.

F.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..

F.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.

F.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.

SPECIAL CONDITIONS OF TENDER

F.4 Special Conditions of Tender

F.4.1 General

The Special Conditions of Principal Contract Tender generally contain clauses that are either deemed to be additions, elaborations or variations to the Standard Conditions of Principal Contract Tender. Accordingly, the Special Conditions of Principal Contract Tender be read in conjunction with the Standard Conditions of Principal Contract Tender and it shall be deemed that the amended meanings and intentions of the clauses shall apply, if applicable.

F.4.2 Tender Offers

Tenderers are advised that it is compulsory to submit offers for all Tender Options as set - out below and where indicated by a tick.

Subject To Escalation Price Offer

√

Tenderers are advised that this offer shall NOT be subject to Contract Price Adjustment Formulae based on the Haylett Formulae.

Fixed Price Offer

N/A

Tenderers are advised that all rates, amounts, overhead and profit percentage mark-ups and amounts, profit and attendance amounts, prices, etc. submitted, shall not be subject to any form of Contract Price Adjustment Formulae e.g. Haylett Formulae. In this regard, it is deemed that the Tenderer has allowed for any potential increases (except any variation in the rate of Value Added Tax) in cost of labour, materials, transport, etc. in the Tender amounts, rates, etc. submitted.

This will only be applicable to the measured work priced by the main contractor and will not apply to the provisional sums or budgetary allowances.

Key: √ - Tender Option Applicable
 X - Not Required For This Tender

F.4.3 Market Related Wage Rates

When pricing this document, respondents are to allow for wages, which are not less than the greater of:

The statutory wage rates in any labour category; and,
The SAFCEC recommended minimum rates applicable at any time during the duration of the contract.

In this regard, a Tenderer may be called upon to demonstrate the wage rates utilised in calculating its Tender price.

F.4.4 Letter of Intent

Tenderers are required to furnish with their tender documents, a letter of intent from a Bank or approved Insurance Company, to indicate that in the event of their tender being successful that a surety / guarantee as required will be provided when asked to do so.

F.4.5 Information to be Submitted by Tenderers

All Tenderers are instructed to acknowledge that the information to be submitted must be strictly in accordance with the requirements stipulated in 2.3. Therefore, separate brochures, information other than which is specified in 2.3 must not be incorporated in the submission documents. Failure to comply with this instruction may render the submission liable for disqualification.

If the spaces in the Tender Returnables are insufficient, the relevant particulars should be documented on a separate sheet (s) with proper reference to the specific information requested.

F.4.6 Interviews

All Tenderers are advised that they may be required to attend interviews and / or submit further information; including making their premises, plant, equipment and details of works in progress, available for inspection after the receipt of Tender submissions.

F.4.7 Detailed Construction Programme

The Principal Contract for the project Commencement and Completion dates and any other relevant dates for this contract are stated in the Preliminaries.

Time and quality are to be considered the essence of this Contract. Accordingly, it shall be deemed that the Project Programme detailing each activity and duration as well as a detailed Method Statement be submitted by the Tenderer as part of the Tender submission and shall be the basis of monitoring progress on the project.

The programme should be a detailed double-linked critical path programme preferably in CCS format in both hard copy and electronic format and take into consideration the following;

Dividing the programme into convenient construction zones both horizontally and vertically;
Linking all activities as 'open ended' or 'open start' activities are not acceptable;
Detailing all holidays, Christmas/New Year break, etc.;
Showing both the Date of Practical Completion and the Date of Works Completion given that the Employer will take Occupation of the facility once the Works Completion Certificate has been issued. Penalties will apply for Milestone, Practical and Works Completion dates not being achieved as detailed in the Preliminaries.

The programme must be a fully resourced "double linked" critical path programme clearly showing Start, Finish and any Interim completion dates as well as any Milestone dates for critical activities including;

- Dates for Practical Completion Inspections to be carried out;
- Date of Practical Completion
- Period required for attendance on and completion of the Completion List issued at Practical Completion
- Date of Works Completion ;

The successful tenderer's program is subject to review and mutual acceptance.

Any Queries / clarifications relative to the Programme can be directed to the Employer.

F.4.8 Detailed Cash-flow

Tenderers are advised that a fully detailed cash-flow based on the tenderers programme is required to be submitted together with their tender document. In this regard, tenderers are advised that the financial year start and end dates are 01 April to 31 March respectively and therefore tenderers are requested to keep sub-totals for each financial year during the duration of the construction programme.

Tenders are advised that the targeted annual maximum percentages per financial year end for the contract duration are as follows and are not to be exceeded:

FINANCIAL YEAR
01 APRIL 2025 TO 31 MARCH 2026
01 APRIL 2026 TO 31 MARCH 2027

F.4.9 Detailed Resourcing Schedule

Tenderers are advised that a detailed resourcing schedule including skilled, unskilled and sub-contractor's staffing histograms is required to be submitted together with their tender document.

F.4.10 Proposed Domestic Sub-Contracts

The Tenderer shall submit in writing, when requested, a list of proposed domestic sub-contractors that is intended to be utilised on the project, should its offer be accepted.
Proposed domestic sub-contractors shall take part in the work set aside for 30% Local Participation if possible i

F.4.11 Adjudication and Independent Development Trust's Rights

- F.4.11.1 Independent Development Trust reserves the right to visit any Tenderer (without prior notice), to interview any shareholder of the Tenderer and to evaluate such Tenderer in accordance with the criteria as set out in the paragraph 1.11.3 below;
- F.4.11.2 All information obtained at such evaluation shall at all times be treated as confidential by Independent Development Trust;
- F.4.11.3 Adjudication of a Tender shall be in the discretion of Independent Development Trust and may take into account the following:
 - (i) Tender Price;
 - (ii) Ability to perform, which may take into account previous experience in the relevant industry;
 - (iii) Suitability of employees and suitability of equipment and materials to be used;
 - (iv) Black dep Empowerment;
 - (v) Financial viability of the Tenderer;
 - (vi) Ownership of the Tenderer;
 - (vii) Compliance with all relevant laws; and
 - (viii) SCM policy and procedures.

F.4.12 Form of Contract

The JBCC Series 2000 Principal Building Agreement (Edition 6.2 Reprint May 2018) as amended in the IDT's SPECIAL CONDITIONS OF PRINCIPAL CONTRACT, shall be applicable to this contract.

F.4.13 Specialist Selected Sub-contract Procurement Process

Due to the nature of the project, the procurement process of the envisaged selected sub-contracts will be concluded upon appointment of the Principal Building Contractor:

Upon the appointment of a Principal Contractor, the Principal Contractor is to subsequently appoint the **selected** sub-contractors as instructed by the Principal Agent and The Employer.

This is a material condition of appointment and should the Tenderer have any objection to this condition the tenderer is to raise this in their tender submission. The appointment of the selected sub-contractor will be done in consultation with the appointed contractor.

F.4.14 Damage to the Work

Care shall be taken not to cause any damage to any part of the existing or new work or any adjoining property, if applicable. The Contractor will be held responsible for damage caused to the works by his negligence and shall be liable for all costs incurred in making good any such damage to the satisfaction of the Principal Agent.

F.4.15 Communication, Media Releases, Etc.

The Contractor shall not in any way communicate with the press, or any representative of the written or electronic media, on a question affecting this contract unless prior approval in writing is received from the **Principal Agent** as authorised by the **Employer**.

All rights of publication of articles in the media, together with any advertising relating to, or in any way concerned with this project shall vest in the Employer.

The Contractor shall not, without the written consent of the Employer, cause any statement or advertisement to be printed, screened or aired by the media.

F.4.16 Copyright

No part of this document and any document forming part of the contract documents may be copied, photographed or repeated in any manner or by any process without the written consent of the **Principal Agent**. Copyright is reserved on all designs, specifications, patents and patentable designs, systems and processes contained in documents pertaining to this contract. The person, firm, body, supplier, contractor, sub-contractor and any other contracting party is to be responsible jointly and severally, in their personal and corporate capacities for any contravention of this requirement.

F.4.17 Workmanship and Quality Control

The onus to produce work that conforms in quality and accuracy of detail, to the requirements of the specifications, rests with the Contractor, and the Contractor shall, at his own expense, institute a quality control system and provide other technical staff, together with all transport, instruments and equipment to ensure adequate supervision and positive control of the works at all times.

The cost of supervision and process control, including testing carried out by the Contractor shall be deemed to be included in the amount quoted for the works.

The Contractor's attention is drawn to the normal standards regarding the minimum frequency of testing required for materials. The Contractor shall, at his own discretion increase this frequency where necessary to ensure adequate control.

The Contractor shall remain solely responsible for the work as defined in this contract document, up to the end of the Defects Liability Period.

The Contractor needs to ensure that daily site diaries are kept on site at all times. These may be required for submission to the Employer as and when needed.

The end-user client and the IDT may from time to time inspect the quality / workmanship on site and make the necessary comments and/or requirements for correction.

F.4.18 Occupational Health and Safety Act

The Contractor shall comply with the requirements set out in the Construction Regulations, 2014 issued under the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993)

F.4.19 Co-Operation of Contractor for Cost Control

It is deemed that the Contractor accepts the obligation of assisting the Professional Consultants in implementing proper cost control in ensuring that the final building cost does not exceed the budget.

F.4.20 Application for Payment

The Contractor shall submit the following information on a monthly basis to the Quantity Surveyor in order to assist with the processing of the Payment Certificate and the preparation of the empowerment report:

- A detailed breakdown of the work done. (The work breakdown must be referenced strictly in

accordance with the Contract Document or the detailed priced bills of quantities, as applicable.)

- A detailed breakdown of all Variation Order costs claimed (With specific reference to work done by the Nominated/Selected Subcontractor) in the certificate concerned, together with copies of the relevant Contract instructions.
- An empowerment report which shall contain an affidavit certifying that all information contained in the report as being true and correct and must be authenticated by the sub-contractor and a commissioner of oaths
- EPWP Labour Report showing total work opportunities created on site
- Tax Invoice: The contractor shall attach a tax invoice as prescribed in the Value Added Tax legislation to each payment certificate when presenting the certificate to the Employer for payment. Such tax invoices shall correctly reflect the prescribed information and the amounts shall match precisely the amounts included in the Payment Certificate. Should the contractor fail to comply with these requirements, the date of presentation of the certificate shall be deemed to be delayed at the contractor's default until such time as the requirements are met.

Should anyone or any combination of the above requirements not be complied with, the Principal Agent and/or Contractor reserves the right to exclude any amounts that may have been due for certification from the Payment Certificate concerned and/or delay the issue of Payment Certificates and/or, revise the contractual payment date, as applicable, until such time compliance is achieved.

F.4.21 Identification of Personnel

All permanent staff that are utilised on the project by the Contractor, Domestic and Selected Sub-contractors are at all times whilst on site, be clad with clothing that clearly identifies each staff member together with an identification document which includes, but not limited to the following:

A photograph of the staff member concerned;

The identification numbers of the staff member concerned; and,

The name of company concerned

In addition, to that stated above, the Contractor shall adhere to the premise's security rules and regulations.

No staff member will be permitted to execute the Works if this condition is not adhered to.

F.4.22 Intervention at Manufacture and / or Supplier and / or Contract Level

The Employer and its Agents reserve the right to discuss and liaise on any issue pertaining to this Contract with the Contractor's service providers i.e. manufacturers and / or suppliers and / or sub-contractors concerned. This right shall not create privity of contract between the Employer and / or its Agents and the said manufacturer and / or supplier and / or sub-contractors.

F.4.23 Cession of Materials Supplied to the Site

It shall be deemed that the Contractor and its service providers upon delivery of each batch of materials to site, has ceded the said materials to the Employer.

F.4.24 Alterations in the Quantity and Value of Work

The Employer and / or its Agents shall be permitted to either increase or decrease the quantity and value of work contracted for. In this regard, the Contractor including its service providers shall not be entitled to claim for any additional expense incurred, or for any change in the rates for work done and / or any materials and services supplied. It shall be deemed that all costs associated with this item are included in the Tender Price.

F.4.25 Change in the Scope of Work

The Contractor acknowledges that whilst drawings have been prepared for the Works, the scope of work and value of the Contract may be substantially altered and that no claims for loss and expense shall be due by the Employer for implementing any changes that may become necessary. It shall be deemed that the Tender Price includes for all costs that may arise due to compliance with this clause.

F.4.26 Treasures, Relics, Etc.

Any relics, treasure, articles of value or of potential historical or archaeological interest found on the site must be brought to the attention of the Principal Agent. All work at the specific area of the discovery shall stop for a reasonable time period until such time that the Principal Agent instructs continuation of the Works.

Any relics, treasure, articles of value or of potential historical or archaeological interest found on the site shall remain the property of the Employer and shall be handed over to the Principal Agent who shall be the sole arbitrator of what is an article of value.

F.4.27 Priced Bills of Quantities

The Tenderer shall submit a fully priced Bills of Quantities as well as a detailed breakdown and build-up of all items measured as lump sum items with the Tender Price. Lump sum items shall be measured in accordance with the Standard System of Measuring Building Work (Sixth Edition, including any subsequent amendments thereto), and shall form part of the Contract and shall be used for the purposes of preparing valuations, Payment Certificates, determining the value of Variation Orders, preparation of Final Accounts, etc.

Neither the Employer, nor its Agents shall be liable for any cost incurred for the award and subsequent withdrawal of the award of the Tender in terms of this clause.

F.4.28 Prices and Net Measurements

Prices throughout these Bills of Quantities shall be deemed to include for all obligations arising out of the Contract and unless otherwise specified, be held to include for making, conveying and delivering, unloading, storing, unpacking, hoisting, setting, fitting and fixing in position, cutting and waste, patterns, models and templates, plant, temporary works and return of packaging.

Prices for all items contained in these Bills of Quantities and any additional authorised variations, shall be deemed to exclude all amounts due in terms of the Value Added Taxation legislation. A provision for the addition of VAT shall be made on the Final Summary page of the Bills of Quantities and Final Statement of Accounts, as applicable.

F.4.29 Value Added Tax (V.A.T)

All prices and or rates tendered shall be deemed to be **exclusive** of Value Added Tax.

Value Added Tax shall be added as a lump sum where provided on the Final Summary page of the Bills of Quantities, and the Tender Price **inclusive** of Value Added Tax will be shown on the Form of Tender.

Value Added Tax shall be calculated at the National going rate at the time of submission of bids.

F.4.30 Site and Information

Tenderers must acquaint themselves with the conditions of the Site and generally obtain their own information on all matters affecting the submission of Tenders for the Works. Tenderers will be held responsible for any misunderstanding or incorrect information obtained, except information which may have been given in writing over the signature of the Principal Agent.

The contractor is expected to establish a construction camp, office and workshop facility, for the fulfilment of the contract. Site establishment facilities to be removed after the completion of the project.

The contractor must strictly use the working area provided by the Employer.

F.4.31 Noise

Tenderers must take note that the site is within the CN Lekalake Middle School Site. As such high noise level shall be restricted to times that will not disrupt the community. Tenderers are to ensure that they acquaint themselves with these conditions and adequately price for it accordingly as no additional time will be allowed for any delays that may be attributed to such.

The Contractor will be restricted from working evening shifts but may be allowed to work weekend shifts with prior 1 week's notice. Such shall be included in the contractor's pricing as no additional allowance for weekend shifts will be allowed for by the Employer, post tender award.

F.4.32 Water and Electricity

The contractor is expected to make means for the provision of water and electricity for construction purposes. The use of such services from the site shall be at the discretion and on agreement with the end user department.

F.4.33 Preliminaries Costs

The Tenderer must allow in his pricing, or where provided for in the Tender Document, for all preliminaries costs deemed necessary for the proper execution and completion of the Works, as no late claims whatsoever for additional costs in this respect will be considered.

F.4.34 Protection of Existing Work

The Tenderer shall allow for the protection of all existing work that is liable to be damaged during the execution of this Contract and work that is liable to be damaged once the Contractor completes its Section of the Works.

F.4.35 Mock-Up / Samples, etc.

Samples, mock-ups, etc. will be called for by the Principal Agent for approval and shall be provided at no extra cost as rates will be deemed to include for this.

F.4.36 Substitution of Materials

No substitution of the articles or materials specified in this Tender Document will be permitted unless the authority of the Principal Agent has been obtained, in writing, before Tender closing. The Tenderer will otherwise be required to provide / or use the specified articles or materials. Approval of any request for the substitution of any article or materials will only be considered when the Principal Agent is satisfied that if the substitution is approved, there is sufficient time remaining before Tender closing to advise all other Tenderers accordingly.

F.4.37 Restriction on Site Access

Tenderers are to price any items related to this under Clause 3.1 in the Preliminaries bill. The Principal Agent and /or the Compulsory Tender Briefing will provide further details of the restrictions, if any that will affect the Contractor.

F.4.38 Security

The Tenderers are to note that upon award of the contract, they are to furnish the Employer (within 21 days of award), the following:

Construction Guarantee equal in value to **10%** of the Contract Sum valid for the duration of the contract.

F.4.39 Safety Requirements

The Contractor is referred to the safety requirements associated with the project. It is of utmost importance that the successful contracting entity abides by the.

The Contractor will comply with all Health and Safety Regulations and the Health and Safety Plan.

Management of safety on site shall remain the sole responsibility of the Contractor.

Disposal of all rubble material and asbestos roof sheetings / materials, to suitable legal dump sites, shall be carried out on a weekly basis. All costs for this exercise shall be included in the bid price (for the duration of the project plus a further 6 months in the event of project overrunning its duration)

The safety on site, agreement and general information forms included in the Tender Returnables must be agreed and fully completed and submitted with the Tender Submission.

F.4.40 Budgetary Allowances / Provisional Sums

Where applicable, these amounts have been included in the Tender Price where the work has not been defined at the date of Tender. It is intended that once the scope is defined, Tenders will be invited with a view to these Works being awarded as Nominated / Selected Subcontract works.

- The Specialist Consultant responsible for the specific work package will prepare documentation which is to include drawings, specification and schedule of quantities that define the scope of works all in accordance with the Nominated / Selected Subcontract Agreement.
- The Quantity Surveyor will prepare the necessary Tender documents.
- The Principal Agent will arrange for inviting / advertising of tenders subject to the payment of a non-refundable document fee, if applicable.
- The Employer will arrange to issue the tender documents from their offices and take receipt of amounts paid.
- The Tenders for the Works will be submitted to the Employer's office in terms of the tender closing times stipulated. Tenders will be opened and tender amounts read out at the time.
- The Quantity Surveyor will make copies of the returned Tender documents for distribution to the Principal Agent.
- The Quantity Surveyor will prepare an initial financial evaluation report of the Tenders, Principal Agent and Engineer will evaluate the Tenderer's technical compliance and capability and circulate to the Employer.
- The Principal Agent will prepare a draft report, discuss with the Contractor to get their approval and finally circulate the draft to the other Consultants for final comment. Thereafter the Tender Report with Recommendations will be finalised by the Principal Agent and circulated to the Employer for approval. On approval, the recommendation together with any instructions of award will be issued to the Contractor who will be responsible for appointing the relevant party as a Sub-contractor.

F.4.41 Community Liaison Officer (CLO)

The Tenderer shall allow for a CLO who is to be appointed and remunerated by the Contractor following identification and selection by the Ward Councillor.

<u>Purpose of the Job:</u>	The primary role of the CLO shall be liaison and facilitation of communication between the Contractor, the Local community and the Ward Councilor.
<u>Job title:</u>	Community Liaison Officer (CLO)
<u>Reporting to:</u>	The Contracts Manager or other delegated representative of the Contractor. The CLO must report to the Contractor and remain on site on a daily.
<u>Experience:</u>	Relevant experience and knowledge of building construction, community facilitation and relevant labour legislation.
<u>Remuneration:</u>	Rate payable for the CLO will be 100% of the Building Industry minimum wage for unskilled labour.
<u>Minimum Skills:</u>	1. Ability to work with others; 2. Ability to communicate in local language of the project location and English; 3. Ability to communicate in writing; 4. Sound Interpretation skill.

The Ward Councillor in whose wards work is to be done will collectively identify 3 (three) CLO candidates for the project and make such persons known to the Contractor within five days of being requested to do so. The Contractor will be required to enter a written contract with the CLO that specifies:

- (a) The hours of work and the wage rate of the CLO which could include:
- (b) The duration of the appointment
- (c) The duties to be undertaken by the CLO which could include:
 - Assisting in all respects relating to the recruitment of local labour and advising them of their rights
 - Acting as a source of information for the community and councilors on issues related to the contract
 - Keeping the contractor advised on community issues and issues pertaining to local security
 - Assisting in setting up any meeting or negotiations with affected parties

- Keeping a written record of any labour or community issues that may arise
- The CLO needs to be seen to be neutral by all parties and therefore should endeavour not to take sides should conflict arise.
- Should the CLO function not involve a full days work, the CLO will be expected to undertake other work allocated by the Contractor for the balance of each day

Procedures for local labour recruitment:

- The Contractor submits a list of his/her requirements to the CLO, stating the numbers required in each labour category (general worker, bricklayer, etc.) and a programme that shows when these resources will be required.
- During the construction period, the CLO uses the list to identify candidates for employment, who are interviewed and if successful employed by the contractor.
- The Contractor keeps the CLO informed by providing him/her with employee's details at the start of their employment (name, residential address, ID number, wage, employment, start and finish date, task, etc.) and notify the CLO when their employment ends.

F.4.42 Contract Skills Development Goal (CSDG)

The contractor shall achieve in the performance of the contract the Contract Skills Development Goal (CSDG) established in the Standard for Developing Skills through Infrastructure Contracts (Government Gazette, Vol. 694, No. 48491, 28 April 2023), hereinafter referred to as the Standard.

T2.1 LIST OF RETURNABLE DOCUMENTS

T2.1 List of Returnable Documents

List of returnable documents are for ensuring that everything the employer requires a tenderer to submit with his tender is included in, or returned with, his tender submission. Tick below if returnable document is attached or completed properly.

#	LIST OF RETURNABLE DOCUMENTS	TICK IF ATTACHED
T2.1.1	Invitation to bid (SBD1)	
T2.1.2	Preference Points Claim Form in Terms of PPPFA, Procurement Regulations 2022 (SBD 6.1)	
T2.1.3	Central Supplier Database (CSD) and provide MAAA Number	
T2.1.4	Tax Letter with unique PIN	
T2.1.5	Joint Venture Agreement Between Parties	
T2.1.6	Contractors copy of Company Registration Incorporation	
T2.1.7	CIDB Registration Number	
T2.1.8	Letter of Good standing with Compensation For Occupational And Injuries Dieses Act (COIDA/FEM) Registration Number	
T2.1.9	Company Compulsory Enterprise Questionnaire	
T2.1.10	Bidders disclosure (SBD 4)	
T2.1.11	Attendance at Compulsory Briefing	
T2.1.12	Authority for signatory	
T2.1.13	Addenda to The Tender Documents	
T2.1.14	Tenderers financial standing	
T2.1.15	Amendments, Qualifications and Ternatives	
T2.1.16	Socio economic upliftment strategy	
T2.1.17	Contractors health and safety declaration	

T2.2 RETURNABLE SCHEDULES (ALL COMPULSORY)

T2.2 RETURNABLE SCHEDULES

Contains documents that the tenderer is required to complete for the purpose of evaluating tenders and other schedules which upon acceptance become part of the subsequent contract.

#	QUALITY EVALUATION SCHEDULES
T2.2.1	
T2.2.2	Project Experience
T2.2.3	Letters of Appointment, and Relevant Completion Certificates (Practical Completion, Work Completion & Final Completion)
T2.2.4	Client references
T2.2.5	Key Personnel
T2.2.6	Financial Viability

RETURNABLE SCHEDULES THAT WILL BE INCORPORATED INTO THE CONTRACT (to be attached with submission)

Record of Addenda to Tender Documents
Declaration Concerning Fulfillment of the Construction Regulations, 2003
First Programme and Method Statement
Preliminary Health and Safety Plan for completion
Form of offer and acceptance
Contract data
Forms of securities

T2.1.1 INVITATION TO BID
SBD1

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF DEPARTMENT/ PUBLIC ENTITY)					
BID NUMBER:	DOH08NWER003/CON14	CLOSING DATE:	30 October 2026	CLOSING TIME:	12H00
DESCRIPTION	BID DATA FOR APPOINTMENT OF A CONTRACTOR FOR THE KOSTER HOSPITAL UPGRADES – PHASE 1 IN KGETLENGRIVIER LOCAL MUNICIPALITY, NORTH WEST PROVINCE.				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
IDT North West Regional Office 4071 Joules Street, Industrial Site Mahikeng 2745					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:		
CONTACT PERSON	Linnet Barnes		CONTACT PERSON	Noxolo Dikobe	
TELEPHONE NUMBER			TELEPHONE NUMBER		
FACSIMILE NUMBER			FACSIMILE NUMBER		
E-MAIL ADDRESS	NWDOHTenders@idt.org.za		E-MAIL ADDRESS	NWDOHTenders@idt.org.za	
SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	TICK APPLICABLE BOX] ☐ Yes ☐ No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT		[TICK APPLICABLE BOX] ☐ Yes ☐ No
[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES & QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]					
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	☐ Yes ☐ No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?		☐ Yes ☐ No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS					
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? ☐ YES ☐ NO					
DOES THE ENTITY HAVE A BRANCH IN THE RSA? ☐ YES ☐ NO					
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? ☐ YES ☐ NO					
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? ☐ YES ☐ NO					
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION? ☐ YES ☐ NO					
IF THE ANSWER IS “NO” TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.					

PART B TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:	
1.1.	BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
1.2.	ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED– (NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.
1.3.	THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 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:

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

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

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

1. GENERAL CONDITIONS

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

- the 90/10 system for requirements with a Rand value of 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 tender is the 90/10 preference point system.
- b) The 90/10 preference point system will be applicable in this tender. The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.

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

- (a) Price; and
- (b) Specific Goals.

1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	90
SPECIFIC GOALS	10
TARGETED GROUP	
Women Ownership	3
Youth Ownership	3
People with Disabilities Ownership	2
Black Ownership	2
Total points for Price and SPECIFIC GOALS	100

- 1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.
- 1.6 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1 THE 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 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 tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

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

3.2.1. POINTS AWARDED FOR PRICE

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

$$\mathbf{Ps = 80 \left(1 + \frac{80/20 \quad Pt - P_{max}}{P_{max}} \right)} \quad \text{_____}$$

Where

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

4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:
- 4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—
- (a) an invitation for tender for income-generating contracts, that either the 80/20 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
 - (b) any other invitation for tender, that either the 80/20 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,

then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

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

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

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

The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)
Women Ownership	3	
Youth Ownership	3	
People with Disabilities Ownership	2	
Black Ownership	2	

Source Documents to be submitted with the Bid or RFQ

- CIPC Document (Company Registration Document will be required for verification (CIPC DOC) and share certificate if ownership certificate is not indicated on the CIPC)
- Woman (Originally Certified ID Document not older than 6 months)
- Youth (Originally Certified ID Document not older than 6 months)
- People with Disability (Letter from the Dr. Confirming the Disability signed with verifiable contact details)
- Black People (Originally Certified ID Document not older than 6 months)

CSD full report will be used in support of the above mentioned documentation to verify specific goals

DECLARATION WITH REGARD TO COMPANY/FIRM

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

4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

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

[TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution, if deemed necessary.

.....	
SIGNATURE(S) OF TENDERER(S)	
SURNAME AND NAME:	
DATE:	
ADDRESS:	
	
	
	

T2.1.3 CENTRAL SUPPLIER DATABASE

Attached hereto is my / our Central Supplier Database report.

IMPORTANT NOTES:

A full report of the CSD report is required showing all the company details such as, address, Tax Compliance, banking details etc.

T2.1.4 TAX CLEARANCE CERTIFICATE

Tax Clearance Certificate or Unique Pin obtained from SARS to be inserted here.

In accordance with National Treasury Instruction No. 9 of 2017/18, the IDT will verify the tax compliance status of the recommended bidder prior to the award of the Bid.

Where the recommended bidder is found to be non-compliant with its tax obligations, the IDT will notify the bidder in writing of its non-compliant status and afford the bidder seven (7) working days to submit written proof from the South African Revenue Service (SARS) confirming its tax compliance status, or written proof that the bidder has made an arrangement with SARS to meet its outstanding tax obligations.

The bidder's tax compliance status or proof of such arrangement will be verified by the IDT through the applicable SARS/eFiling or Central Supplier Database (CSD) verification process.

Should the recommended bidder fail to provide the required written proof within the stipulated seven (7) working days, the IDT will reject the Bid.

T2.1.5 JOINT VENTURE AGREEMENT – IF APPLICABLE

Attached hereto is our duly signed, Joint Venture Agreement. Our failure to submit the agreement with our tender document will lead to the conclusion that the joint venture has not been formally formed and all parties were not involved in the tender process.

T2.1.6 CONTRACTOR'S COPY OF REGISTRATION OF INCORPORATION

Attached hereto is my / our copies of company registration of incorporation or company registration documents. My failure to submit the copy with my / our tender document will lead to the conclusion that I am / we are not registered as claimed.

T2.1.7 CIBD REGISTRATION CERTIFICATE

Attached hereto is my / our registration certificate with the Construction Industry Development Board. My / our failure to submit the certificate with my / our tender document will lead to the conclusion that my / our company is not registered with CIBD.

NOTE: The CIBD can be contacted or visited on www.cidb.org.za for more information and registration. Obtain a “Code of Conduct for all parties engaged in construction procurement” for you information.

T2.1.8 COPY OF A LETTER OF GOODSTANDING WITH COMPANSATION FOR

**OCCUPATIONAL AND INJURIES DISEASES ACT (CIDA OR
TENDER LETTER OBTAIN FROM DEPARTMENT OF LABOUR OR
FEMA)REGISTRATION CERTIFICATE**

Attached hereto is my / our certified copy of A LETTER OF goodstanding with the Compensation for Occupational Injuries and Diseases, e.g. letter of good standing. My / our failure to submit the certificate with your tender offer will lead to the conclusion that your entity/ company is not registered with CIDA / FEMA. If Joint Venture (JV) attach one for every service provider.

T2.1.9 COMPULSORY ENTERPRISE QUESTIONNAIRE

Note: Compulsory Enterprise Questionnaire must be completed by each member of a JV or consortium

Section 3: CIDB registration number, if any:			
Section 4: Particulars of sole proprietors and partners in partnerships			
Name*	Identity number*	Personal income tax number*	
* Complete only if sole proprietor or partnership and attach separate page if more than 3 partners			
Section 5: Particulars of companies and close corporations			
Company registration number			
Close corporation number			
Tax reference number			
Section 6: Record in the service of the state			
Indicate by marking the relevant boxes with a cross, if any sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months in the service of any of the following:			
☐ a member of any municipal council	☐ an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999)		
☐ a member of any provincial legislature	☐ a member of an accounting authority of any national or provincial public entity		
☐ a member of the National Assembly or the National Council of Province	☐ an employee of Parliament or a provincial legislature		
☐ a member of the board of directors of any municipal entity			
☐ an official of any municipality or municipal entity			
If any of the above boxes are marked, disclose the following:			
Name of sole proprietor, partner, director, manager, principal shareholder or stakeholder	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		Current	Within last 12 months
*insert separate page if necessary			
Section 7: Record of spouses, children and parents in the service of the state			
Indicate by marking the relevant boxes with a cross, if any spouse, child or parent of a sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months in the service of any of the following:			
☐ a member of any municipal council	☐ an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999)		
☐ a member of any provincial legislature			
☐ a member of the National Assembly or the National Council of Province			

☐ a member of the board of directors of any municipal entity ☐ an official of any municipality or municipal entity	☐ a member of an accounting authority of any national or provincial public entity ☐ an employee of Parliament or a provincial legislature
---	--

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

*insert separate page if necessary

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

- i) authorizes the Employer to obtain a tax clearance certificate from the South African Revenue Services that my / our tax matters are in order;
- ii) confirms that the neither the name of the enterprise or the name of any partner, manager, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears on the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004;
- iii) confirms that no partner, member, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears, has within the last five years been convicted of fraud or corruption;
- iv) confirms that I / we are not associated, linked or involved with any other bidding 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 _____ Name _____ Enterprise name _____	Date _____ Position _____
---	------------------------------

T2.1.10 BIDDER’S DISCLOSURE (SBD 4)

BIDDER’S DISCLOSURE

1. PURPOSE OF THE FORM

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

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

2. Bidder’s declaration

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling 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 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:
.....
.....

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

3 DECLARATION

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

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

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

3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or 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.

3.4 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

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

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

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

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

.....
Signature

.....
Date

.....
Position

.....
Name of bidder

T2.1.11 CERTIFICATE OF ATTENDANCE AT COMPULSORY BRIEFING

This is to certify that (*tenderer*)
of (*address*)
..... was represented by the person(s)
named below at the compulsory meeting held for all tenderers at (*location*).....
..... on (*date*)..... starting at (*time*)

I / We acknowledge that the purpose of the meeting was to acquaint myself / ourselves with the site of the works and / or matters incidental to doing the work specified in the tender documents in order for me / us to take account of everything necessary when compiling our rates and prices included in the tender.

Particulars of person(s) attending the meeting:

Name: .. Signature: ..

Capacity: .. Identity number: ..

Attendance of the above person(s) at the meeting is confirmed by the Employer's representative, namely:

Name: .. Signature: ..

Capacity: .. Date and Time: ..

T2.1.12 CERTIFICATE OF AUTHORITY FOR SIGNATORY

Indicate the status of the tenderer by ticking the appropriate box hereunder. The tenderer must complete the certificate set out below for the relevant category, **and attach their Registration Certificates for Companies, Close Corporations and Partnerships, or Agreements and Powers of Attorney for Joint Ventures, or ID documents to the page provided at the end of this form.**

(I) COMPANY	(II) CLOSE CORPORATION	(III) PARTNERSHIP	(IV) JOINT VENTURE	(V) SOLE PROPRIETOR

(I) CERTIFICATE FOR COMPANY

I, ..., Id number.....chairperson of the Board of Directors of.....hereby confirm that by resolution of the Board (copy attached) taken on 20....., Mr/Ms.....acting in the capacity of....., was authorised to sign all documents in connection with the tender for Contract No and any contract resulting from it, on behalf of the company.

Chairman:

As Witnesses: 1.

2. **Date:**

(II) CERTIFICATE FOR CLOSE CORPORATION

We, the undersigned, being the key members in the business trading as hereby authorise Mr/Ms, acting in the capacity of....., to sign all documents in connection with the tender for Contract No and any contract resulting from it, on our behalf.

NAME	ADDRESS	SIGNATURE	DATE
ID No.....			
ID No.....			
ID No.....			
ID No.....			

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

(III). CERTIFICATE FOR PARTNERSHIP

We, the undersigned, being the key partners in the business trading as, ...
..... hereby authorize Mr/Ms
acting in the capacity of , to sign all
documents in connection with the tender for Contract No and any contract
resulting from it, on our behalf.

NAME	ADDRESS	SIGNATURE	DATE

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

(IV) CERTIFICATE FOR JOINT VENTURE

We, the undersigned, are submitting this tender offer in Joint Venture and hereby authorize Mr/Ms
....., authorized signatory of the company,.....
acting in the capacity of lead partner, to sign all documents in connection with the tender offer for
Contract No and any contract resulting from it, on our behalf.

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

NAME OF FIRM	ADDRESS	AUTHORISING SIGNATURE, NAME AND CAPACITY
Lead partner		

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

(V) CERTIFICATE FOR SOLE PROPRIETOR

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

Signature of Sole owner:

As Witnesses:

1.

2.

Date:

T2.1.13 RECORD OF ADDENDA TO THE TENDER DOCUMENTS

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

Attach additional pages if more space is required.

Signed

Date

Name

ID number

Position

Tenderer

T2.1.14 TENDERER'S FINANCIAL STANDING

The Tenderer shall provide information about his commercial position, which includes information necessary for the Employer to evaluate the Tenderer's financial standing.

To that end the Tenderer must provide with his tender a bank rating, certified by his banker, to the effect that he will be able to successfully complete the contract at the tendered amount within the specified time for completion.

However, should the Tenderer be unable to provide a bank rating with his tender, he shall state the reasons as to why he is unable to do so, and in addition provide the following details of his banker and bank account that he intends to use for project:

Name of account holder: _____

Name of Bank : _____

Branch : _____

Account number : _____

Type of account : _____

Telephone number : _____

Facsimile number : _____

Name of contact person (at bank : _____

Failure to provide either the required bank details or a certified bank rating with his tender, will lead to the conclusion that the Tenderer does not have the necessary financial resources at his disposal to complete the contract successfully within the specified time for completion.

The Employer undertakes to treat the information thus obtained as confidential, strictly for the use of evaluation of the tender submitted by the Tenderer.

SIGNATURE: _____

IDENTITY NUMBER: _____

(of person authorised to sign on behalf of the Tenderer)

DATE: _____

T2.1.15 AMENDMENTS, QUALIFICATIONS AND ALTERNATIVES

(This is not an invitation for amendments, deviations or alternatives but should the Tenderer desire to make any departures from the provisions of this contract he shall set out his proposals clearly hereunder. The Employer will not consider any amendment, alternative offers or discounts unless forms (a), (b) and (c) have been completed to the satisfaction of the Employer).

I / We herewith propose amendments, alternatives and discounts as set out in the tables below:

(a) AMENDMENTS

PAGE, CLAUSE OR ITEM NO	PROPOSED AMENDMENT

**[Notes: (1) Proposals for amendments to the General and Special Conditions of Contract are not acceptable, and will be ignored;
(2) The Tenderer must give full details of all the financial implications of the amendments and qualifications in a covering letter attached to his tender.]**

(b) ALTERNATIVES

PROPOSED ALTERNATIVE	DESCRIPTION OF ALTERNATIVE

**[Notes: (1) Individual alternative items that do not justify an alternative tender, and an alternative offer for time for completion should be listed here.
(2) In the case of a major alternative to any part of the work, a separate Bill of Quantities, programme, etc, and a detailed statement setting out the salient features of the proposed alternatives must accompany the tender.
(3) Alternative tenders involving technical modifications to the design of the works and methods of construction shall be treated separately from the main tender offer.]**

(c) DISCOUNTS

ITEM ON WHICH DISCOUNT IS OFFERED	DESCRIPTION OF DISCOUNT OFFERED

[Note: The Tenderer must give full details of the discounts offered in a covering letter attached to his tender, failing which, the offer for a discount may have to be disregarded. Only unconditional discounts will be considered]

SIGNATURE: IDENTITY NUMBER:

(of person authorised to sign on behalf of the Tenderer)

DATE:.....

Attached hereto are my / our proposed socio economic upliftment strategy. The strategy will as a minimum address items such as skills upliftment, training, sub contracting, skilled and semi-skilled labour employment, procurement of local labour and materials, employment of woman, youth and disabled, etc.

Notes:

- a) The developer has a commitment to utilising the local community resources and labour, and as such preference will be shown to bidders who prioritise local employment.
- b) As part of the tender documentation a methodology is to be submitted proposing as to how the main contractor will deal with the social economic expectations of the surrounding community.

The proposal is to allow for a suitable employment ratio of local community members and any additional measures that will enable future local community upliftment.

- c) The main contractor is required to familiarise himself with the community and local authority to ascertain for himself the full extent of the community's requirements and minimum wages.
- d) The contractor shall appoint a community liaison officer and shall be responsible for all community negotiations etc.

T2.1.17 CONTRACTOR'S HEALTH AND SAFETY DECLARATION

In terms of Clause 5(1)(h) of the OHSA 1993 Construction Regulations 2014 (referred to as "the Regulations" hereafter), a Contractor may only be appointed to perform construction work if the Employer 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 No 85 of 1993 and the OHSA 1993 Construction Regulations 2014.

To that effect a person duly authorized by the tenderer must complete and sign the declaration hereafter in detail.

Declaration by Tenderer

1. I the undersigned hereby declare and confirm that I am fully conversant with the Occupational Health and Safety Act No 85 of 1993 (as amended by the Occupational Health and Safety Amendment Act No 181 of 1993), and the OHSA 1993 Construction Regulations 2014.
2. I hereby declare that my company / enterprise has the competence and the necessary resources to safely carry out the construction work under this contract in compliance with the Construction Regulations and the Employer's Health and Safety Specifications.
3. I hereby undertake, if my tender is accepted, to provide a sufficiently documented Health and Safety Plan in accordance with Regulation 5(1) of the Construction Regulations, approved by the Employer or his representative, before I could be allowed to commence with construction work under the contract. I hereby agree that my company/enterprise will not have a claim for compensation for delay or extension of time because of my failure to obtain the necessary approval for the said safety plan.
4. I confirm that copies of my company's approved Health and Safety Plan, the Employer's Safety Specifications as well as the OHSA 1993 Construction Regulations 2014 will be provided on site and will at all times be available for inspection by the Contractor's personnel, the Employer's personnel, the Engineer, visitors, and officials and inspectors of the Department of Labour.
5. I hereby confirm that adequate provision has been made in my tendered rates and prices in the bill of quantities to cover the cost of all resources, actions, training and all health and safety measures envisaged in the OHSA 1993 Construction Regulations 2014, including the cost for specific items that may be scheduled in the bill of quantities.
6. I hereby confirm that I will be liable for any penalties that may be applied by the Employer in terms of the said Regulations for failure on my part to comply with the provisions of the Act and the Regulations as set out in Regulation 33 of the Regulations.
7. I agree that my failure to complete and execute this declaration to the satisfaction of the Employer will mean that I am unable to comply with the requirements of the OHSA 1993 Construction Regulations 2014, and accept that my tender will be prejudiced and may be rejected at the discretion of the Employer.
8. I am aware of the fact that, should I be awarded the contract, I must submit the notification required in terms of Regulation 4 of the OHSA 1993 Construction Regulations 2014 (*example attached hereafter*) before I could be allowed to proceed with any work under the contract.

SIGNATURE: _____

IDENTITY NUMBER: _____

(of person authorised to sign on behalf of the Tenderer)

DATE: _____

**T2.2.1 EVALUATION SCHEDULE: SAFETY HEALTH ENVIRONMENTAL AND
QUALITY MANAGEMENT SYSTEM (SHEQ) PLAN**

Attached hereto are my / our SHEQ Plan, all in compliance with the Health and Safety Specification – Annexure A or Letter of Undertaking from a Qualified OHS Consultant.(do we need a CV or professional registration attached?)

(PLEASE ATTACHED HERE)

T2.2.2 EVALUATION SCHEDULE: PROJECT EXPERIENCE

The Tenderer shall provide details of his relevant experience on similar large-scale projects completed in the past 10 years. In support tenderers are to complete the “Project Experience” schedule below and attach thereto copies of (a) Letters of Appointment, and (b) all the relevant proof of completion. Only projects that are listed below will be considered for evaluation.

PROJECT NAME and CLIENT	BRIEF PROJECT DESCRIPTION	PROJECT VALUE (Incl VAT)	START DATE	COMPLETION DATE
A. _____ _____ _____	_____ _____ _____	_____ _____ _____	_____ _____ _____	_____ _____ _____
B. _____ _____ _____	_____ _____ _____	_____ _____ _____	_____ _____ _____	_____ _____ _____
C. _____ _____ _____	_____ _____ _____	_____ _____ _____	_____ _____ _____	_____ _____ _____

PROJECT NAME and CLIENT	BRIEF PROJECT DESCRIPTION	PROJECT VALUE (Incl VAT)	START DATE	COMPLETION DATE
D. 				
E. 				

**T2.2.3 EVALUATION SCHEDULE: LETTERS OF APPOINTMENT, AND
RELEVANT PROOF OF COMPLETION**

Tenderer is to attach all letter of appointment and Proof of completion corresponding to the project listed in T1.2

T2.2.4 EVALUATION SCHEDULE: CLIENT REFERENCES

EVALUATION SCHEDULE: EXPERIENCE ON BUILT ENVIRONMENT PROJECTS REFERENCES

The Bidder shall provide details of his performance on each of the previous projects listed in the “Relevant Experience” returnable schedule. “Employer Reference Scorecards” will be completed by each of the respective Employers for the projects listed in the “Relevant Experience” returnable schedule. *(Bidder to make copies for each disciplines)*

REPORT ON BIDDER’S COMPETENCE & PERFORMANCE ON A BUILT ENVIRONMENT PROJECTS FOR BID RECOMMENDATION PURPOSES

The following are to be completed by the Employer or Employers Agent and is to be supported in each case accompanied by a Signed and Stamped Reference (in the form issued to the bidder)

Note: Bidders are strongly encouraged to use the provided template to ensure a full and fair evaluation. Should bidders opt to submit their own format, they are advised that their Client Reference Letters will be evaluated to a maximum of 2 points for the five projects per discipline.

PROJECT A:

Type of Project, e.g. (new school, renovation of clinic):

Employer:.....

Contract Amount:.....

Contract Duration:.....

Actual Contract Duration:.....

RATE SERVICE PROVIDER ON THEIR OVERALL PERFORMANCE

DESCRIPTION	SCORE	TICK APPROPRIATE SCORING
Excellent	3	
Good	2	
Average	1	
Poor	0	

Any other remarks considered necessary to assist in evaluation of the Service Provider?

.....

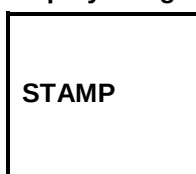
Employer’s contact person:

Telephone:

I hereby declare that to the best of my knowledge, information completed above is true and correct and I understand that I will be held responsible for any misrepresentation.

Employer Signature:.....

Date:.....



T2.2.4 EVALUATION SCHEDULE: CLIENT REFERENCES

EVALUATION SCHEDULE: EXPERIENCE ON BUILT ENVIRONMENT PROJECTS REFERENCES

The Bidder shall provide details of his performance on each of the previous projects listed in the "Relevant Experience" returnable schedule. "Employer Reference Scorecards" will be completed by each of the respective Employers for the projects listed in the "Relevant Experience" returnable schedule. *(Bidder to make copies for each disciplines)*

REPORT ON BIDDER'S COMPETENCE & PERFORMANCE ON A BUILT ENVIRONMENT PROJECTS FOR BID RECOMMENDATION PURPOSES

The following are to be completed by the Employer or Employers Agent and is to be supported in each case accompanied by a Signed and Stamped Reference (in the form issued to the bidder)

Note: Bidders are strongly encouraged to use the provided template to ensure a full and fair evaluation. Should bidders opt to submit their own format, they are advised that their Client Reference Letters will be evaluated to a maximum of 2 points for the five projects per discipline.

PROJECT B:

Type of Project, e.g. (new school, renovation of clinic):

Employer:.....

Contract Amount:.....

Contract Duration:.....

Actual Contract Duration:.....

RATE SERVICE PROVIDER ON THEIR OVERALL PERFORMANCE

DESCRIPTION	SCORE	TICK APPROPRIATE SCORING
Excellent	3	
Good	2	
Average	1	
Poor	0	

Any other remarks considered necessary to assist in evaluation of the Service Provider?

.....

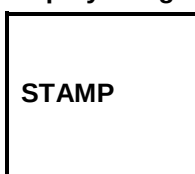
Employer's contact person:

Telephone:

I hereby declare that to the best of my knowledge, information completed above is true and correct and I understand that I will be held responsible for any misrepresentation.

Employer Signature:.....

Date:.....



T2.2.4 EVALUATION SCHEDULE: CLIENT REFERENCES

EVALUATION SCHEDULE: EXPERIENCE ON BUILT ENVIRONMENT PROJECTS REFERENCES

The Bidder shall provide details of his performance on each of the previous projects listed in the “Relevant Experience” returnable schedule. “Employer Reference Scorecards” will be completed by each of the respective Employers for the projects listed in the “Relevant Experience” returnable schedule. *(Bidder to make copies for each disciplines)*

REPORT ON BIDDER’S COMPETENCE & PERFORMANCE ON A BUILT ENVIRONMENT PROJECTS FOR BID RECOMMENDATION PURPOSES

The following are to be completed by the Employer or Employers Agent and is to be supported in each case accompanied by a Signed and Stamped Reference (in the form issued to the bidder)

Note: Bidders are strongly encouraged to use the provided template to ensure a full and fair evaluation. Should bidders opt to submit their own format, they are advised that their Client Reference Letters will be evaluated to a maximum of 2 points for the five projects per discipline.

PROJECT C:

Type of Project, e.g. (new school, renovation of clinic):

Employer:.....

Contract Amount:.....

Contract Duration:.....

Actual Contract Duration:.....

RATE SERVICE PROVIDER ON THEIR OVERALL PERFORMANCE

DESCRIPTION	SCORE	TICK APPROPRIATE SCORING
Excellent	3	
Good	2	
Average	1	
Poor	0	

Any other remarks considered necessary to assist in evaluation of the Service Provider?

.....

Employer’s contact person:

Telephone:

I hereby declare that to the best of my knowledge, information completed above is true and correct and I understand that I will be held responsible for any misrepresentation.

Employer Signature:.....

Date:.....



T2.2.4 EVALUATION SCHEDULE: CLIENT REFERENCES

EVALUATION SCHEDULE: EXPERIENCE ON BUILT ENVIRONMENT PROJECTS REFERENCES

The Bidder shall provide details of his performance on each of the previous projects listed in the "Relevant Experience" returnable schedule. "Employer Reference Scorecards" will be completed by each of the respective Employers for the projects listed in the "Relevant Experience" returnable schedule. *(Bidder to make copies for each disciplines)*

REPORT ON BIDDER'S COMPETENCE & PERFORMANCE ON A BUILT ENVIRONMENT PROJECTS FOR BID RECOMMENDATION PURPOSES

The following are to be completed by the Employer or Employers Agent and is to be supported in each case accompanied by a Signed and Stamped Reference (in the form issued to the bidder)

Note: Bidders are strongly encouraged to use the provided template to ensure a full and fair evaluation. Should bidders opt to submit their own format, they are advised that their Client Reference Letters will be evaluated to a maximum of 2 points for the five projects per discipline.

PROJECT D:

Type of Project, e.g. (new school, renovation of clinic):

Employer:.....

Contract Amount:.....

Contract Duration:.....

Actual Contract Duration:.....

RATE SERVICE PROVIDER ON THEIR OVERALL PERFORMANCE

DESCRIPTION	SCORE	TICK APPROPRIATE SCORING
Excellent	3	
Good	2	
Average	1	
Poor	0	

Any other remarks considered necessary to assist in evaluation of the Service Provider?

.....

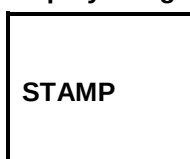
Employer's contact person:

Telephone:

I hereby declare that to the best of my knowledge, information completed above is true and correct and I understand that I will be held responsible for any misrepresentation.

Employer Signature:.....

Date:.....



T2.2.4 EVALUATION SCHEDULE: CLIENT REFERENCES

EVALUATION SCHEDULE: EXPERIENCE ON BUILT ENVIRONMENT PROJECTS REFERENCES

The Bidder shall provide details of his performance on each of the previous projects listed in the "Relevant Experience" returnable schedule. "Employer Reference Scorecards" will be completed by each of the respective Employers for the projects listed in the "Relevant Experience" returnable schedule. *(Bidder to make copies for each disciplines)*

REPORT ON BIDDER'S COMPETENCE & PERFORMANCE ON A BUILT ENVIRONMENT PROJECTS FOR BID RECOMMENDATION PURPOSES

The following are to be completed by the Employer or Employers Agent and is to be supported in each case accompanied by a Signed and Stamped Reference (in the form issued to the bidder)

Note: Bidders are strongly encouraged to use the provided template to ensure a full and fair evaluation. Should bidders opt to submit their own format, they are advised that their Client Reference Letters will be evaluated to a maximum of 2 points for the five projects per discipline.

PROJECT E:

Type of Project, e.g. (new school, renovation of clinic):

Employer:.....

Contract Amount:.....

Contract Duration:.....

Actual Contract Duration:.....

RATE SERVICE PROVIDER ON THEIR OVERALL PERFORMANCE

DESCRIPTION	SCORE	TICK APPROPRIATE SCORING
Excellent	3	
Good	2	
Average	1	
Poor	0	

Any other remarks considered necessary to assist in evaluation of the Service Provider?

.....

Employer's contact person:

Telephone:

I hereby declare that to the best of my knowledge, information completed above is true and correct and I understand that I will be held responsible for any misrepresentation.

Employer Signature:.....

Date:.....



T2.2.5 EVALUATION SCHEDULE: KEY PERSONNEL

In terms of the Project Specification and the Conditions of Tender, unskilled workers may only be brought in from outside the local community if such personnel are not available locally.

The Tenderer shall list below the personnel that he intends to utilize on the Works, including key personnel that may have to be brought in from outside if not available locally. (definition of local)

CATEGORY OF EMPLOYEE	PROJECT TEAM ORGANOGRAM		
	KEY PERSONNEL NAME	QUALIFICATION	YEARS OF EXPERIENCE
Contract Manager / Project Manager			
Site Agent			
Foreman			
Health and Safety resource			
Others:.....			

The Tenderer is referred to Clause F.2.1.1.2 of the Tender Data and shall insert in the spaces provided on the following pages details of the key personnel required to be in the employment of the tenderer or other organization, in order for the tenderer to be eligible to submit a tender for this project. Proof of professional registration must be appended to these schedules, together with the Curriculum Vitae of each individual.

SIGNATURE: IDENTITY NUMBER:

(of person authorised to sign on behalf of the Tenderer)

DATE:.....

**EVALUATION SCHEDULE: CURRICULUM VITAE OF KEY PERSONNEL
(COMPULSORY)**

(CVs are required only for site agent, contract or project manager and technician and foreman)

CV FOR CONTRACTS OR PROJECT MANAGER

Name:		Date of birth:
Profession:		Nationality:
Qualifications:		
Professional Body:	Category of Registration:	Registration Number:
Professional Body:	Category of Registration:	Registration Number:
Professional Body:	Category of Registration:	Registration Number:
Name of Employer (firm):		
Current position:		Years of Experience:
<u>Employment Record:</u> 		
<u>Experience Record Pertinent to Required Service:</u> 		

Certification:

I, the undersigned, certify that, to the best of my knowledge and belief, this data correctly describes me, my qualifications and my experience.

SIGNATURE: IDENTITY NUMBER:

(of person authorised to sign on behalf of the Tenderer)
(OWNER OF THE CV)

DATE:.....

EVALUATION SCHEDULE: CV FOR SITE AGENT

Name:		Date of birth:
Profession:		Nationality:
Qualifications:		
Professional Body:	Category of Registration:	Registration Number:
Professional Body:	Category of Registration:	Registration Number:
Professional Body:	Category of Registration:	Registration Number:
Name of Employer (firm):		
Current position:		Years of Experience:
<u>Employment Record:</u> 		
<u>Experience Record Pertinent to Required Service:</u> 		

Certification:

I, the undersigned, certify that, to the best of my knowledge and belief, this data correctly describes me, my qualifications and my experience.

.....
SIGNATURE OF THE INCUMBANT IN THE SCHEDULE

.....
DATE

.....
INCUMBANT'S IDENTITY NUMBER (why different from the above)

[illegible]

I, the undersigned, certify that, to the best of my knowledge and belief, this data correctly describes me, my qualifications and my experience.

.....
DATE

88

[illegible]

I, the undersigned, certify that, to the best of my knowledge and belief, this data correctly describes me, my qualifications and my experience.

.....
DATE

89



PART C1 : AGREEMENT AND CONTRACT DATA

C1.1 Form of Offer and Acceptance

C1.2 Contract Data

C1.3 Form of Guarantee (Pro Forma as per specific contract)

C.1.4 Adjudicators Agreement

C1.1 FORM OF OFFER AND ACCEPTANCE

C1.1 Form of Offer and Acceptance

A. Offer [Failure of a Tenderer to sign this form will invalidate the tender]

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

APPOINTMENT OF A CONTRACTOR FOR THE KOSTER HOSPITAL UPGRADES – PHASE 1 IN KGETLENGRIVIER LOCAL MUNICIPALITY, NORTH WEST PROVINCE.– BID NUMBER: DOH08NWER003/CON14

The Tenderer, identified in the Offer signature block below, has examined the documents listed in the Tender Data and addenda thereto as listed in the Tender Schedules, and by submitting this Offer has accepted the Conditions of Tender.

By the representative of the Tenderer, deemed to be duly authorised, 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:

.....
.....

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) OF AUTHORISED BIDDERS(S) NAME: CAPACITY: DATE: ADDRESS CONTACT::	WITNESSES 3. 4.
---	--

B. ACCEPTANCE

By signing this part of the Form of Offer and Acceptance, the Employer identified below accepts the Tenderer's Offer. In consideration thereof, the Employer shall pay the Contractor the amount due in accordance with the Conditions of Contract identified in the Contract Data. Acceptance of the Tenderer's Offer shall form an agreement between the Employer and the Tenderer upon the terms and conditions contained in this Agreement and in the Contract that is the subject of this Agreement.

The terms of the contract are contained in

- Part C1 Agreements and Contract Data (which includes this Agreement)
- Part C2 Pricing Data, including the Schedule of Quantities
- Part C3 Scope of Work

and the schedules, forms, drawings and documents or parts thereof, which may be incorporated by reference into Parts 1 to 4 above.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Tender Schedules as well as any changes to the terms of the Offer agreed by the Tenderer and the Employer during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Agreement. No amendments to or deviations from said documents are valid unless contained in this Schedule, which must be duly signed by the authorised representatives of both parties.

The Tenderer shall deliver the Guarantee in terms of Clause 7 of the General Conditions of Contract 2004 within the period stated in the Contract Data, and he shall, immediately 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 other bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the Conditions of Contract identified in the Contract Data, within 14 days of the date on which this Agreement comes into effect. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this Agreement.

Notwithstanding anything contained herein, this Agreement comes into effect on the date when the Tenderer receives one fully completed original copy of this document, including the Schedule of Deviations (if any). Unless the Tenderer (now Contractor) within five days of the date of such receipt notifies the Employer in writing of any reason why he cannot accept the contents of this Agreement, this Agreement shall constitute a binding contract between the parties.

Signature	Date
Name	
Capacity	
for the	
Employer	Independent Development trust
	
	
	
	
Name and	
Signature	
Of witness	Date

C. SCHEDULE OF DEVIATIONS

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

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

1 Subject

.

Details

..

.....

.

.....

.

.....

.

2 Subject

.

Details

..

.....

.

.....

.

.....

.

3 Subject

.

Details

..

.....

.

.....

.

.....	
.	
4 Subject	
.	
Details	
..	
.....	
.	
.....	
.	
.....	
.	
5 Subject	
.	
Details	
..	
.....	
.	
.....	
.	
.....	
.	

C1.2 CONTRACT DATA

INDEPENDENT DEVELOPMENT TRUST

APPOINTMENT OF A CONTRACTOR FOR THE KOSTER HOSPITAL UPGRADES – PHASE 1 IN KGETLENGRIVIER LOCAL MUNICIPALITY, NORTH WEST PROVINCE – BID NUMBER: DOH08NWER003/CON14

C1.2 Contract Data for BID NO: DOH08NWER003/CON14

The Conditions of Contract are clauses of the **JBCC Series 2000 Principal Building Agreement (Edition 6.2)** published by the Joint Building Contracts Committee together with IDT's Special Conditions of Contract.

Copies of these conditions of contract may be obtained from the Association of South African Quantity Surveyors (011 315-4140), Master Builders Association (011 205-9000; 057 352-6269) South African Association of Consulting Engineers (011 463-2022) or South African Institute of Architects (051 447-4909; 011 486-0684; 053 831-2003;)

The JBCC Principal Building Agreement makes several references to the Contract Data for specific data, which together with these conditions collectively describe the risks, liabilities and obligations of the contracting parties and the procedures for the administration of the Contract. Should there be any contradictions between the **Contract Data** and the JBCC Principal Building Agreement, the Contract Data shall take precedence.

The contractor shall achieve in the performance of the contract the Contract Skills Development Goal (CSDG) established in the CIDB Standard for Developing Skills through Infrastructure Contracts, published in Gazette Notice No.48491 of 28 April 2023.

The contractor shall achieve in the performance of the contract the Contract Participation Goals (CPG) relating to the engagement of targeted enterprises as established in the CIDB Standard for Indirect Targeting for Enterprise Development through Construction works Contracts Gazette Notice No.36190 of 25 February 2013

Each item of data given below is cross-referenced to the clause in the JBCC Principal Building Agreement to which it mainly applies.

The additions, deletions and alterations to the JBCC Principal Agreement are:

Clause	Amendments
1.0	DEFINITIONS AND INTERPRETATION Clause 1.1 is deemed to be amended by the addition and amendments of the following: Change the Definition of "AGREEMENT" to read as follows: This JBCC Principal Building Agreement, the contractor's tender document accepted by the employer, the form of offer signed by the contractor, special conditions of contract, contract data and other contract documents. The completed JBCC® Principal Building Agreement and JBCC® contract data, the contract drawings, the priced document and any other documents reduced to writing and signed by the authorised representatives of the parties Change the Definition of "BILLS OF QUANTITIES" to read as follows: The document drawn up in accordance with the pricing instructions contained in the pricing data. Change the Definition of "CONSTRUCTION PERIOD" to read as follows: The period commencing on the intended date [CD] of possession of the site by the contractor and ending on the date of practical completion Change the Definition of "CONTRACT DOCUMENTS" to read as follows: The agreement and all documents referenced therein. The contract documents shall be taken to be mutually explanatory of one another but in the event of ambiguity, discrepancy, divergence or inconsistency in or between them, the Contract Data shall prevail over all other contract documents The above has been removed from 6.2, due to the agreement definition which now includes contract document Change the definition of "PAYMENT CERTIFICATE" to read as follows: A certificate prepared at regular agreed intervals by the principal agent to the contractor certifying the value of work done and verified by the employer for payment, delivered to the employer and properly recorded on
Clause	Amendments
	delivery, and the certificate will only become due and payable once the employer has verified and signed the certificate. Note: The employer reserves the right to withhold or reject the certificate within ten (10) working days should there be a reason to do so, and the contractor may resort to the dispute resolution process should the rejection fails to be resolved. Change the Definition of "PRACTICAL COMPLETION" to read as follows: The stage of completion where the works or a section thereof, in the opinion of the principal agent, has been reached in accordance with C28 & C29 this is a different clause of the specific preliminaries and where the work on the practical completion list (and patent's list if applicable) has been completed and free of latent defects other than minor defects identified in the list for completion and can be used for the intended purpose and certified as complete by the principal agent. Change the Definition of "CONTRACT DRAWINGS" to read as follows: The drawings listed in the Scope of Works.

	Change the Definition of "CONTRACT SUM" to read as follows: The total of prices in the Form of Offer and Acceptance. Change the Definition of "INTEREST" to read as follows: The interest rates applicable to this contract, whether specifically indicated in the relevant clauses or not, will be the rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999). A monetary guarantee [CD] provided by the employer to the contractor, or vice versa, in terms of this agreement from which either party may recover expense and loss in the event of default Add the following to the list of definitions: SCHEDULE means the variables listed in the Contract Data. DATE OF SITE HANDOVER means the date the contractor is given possession of the site, which shall always be after the signing of the agreement and approval of the construction permits from the relevant authorities including Departments of Labour and Environmental Affairs and local municipality (where applicable). EXCEPTIONALLY INCLEMENT WEATHER means weather which is not only extreme or severe but exceeding that which, on the evidence of the past ten years, could reasonably be expected. TENANT LIST means a list compiled by the tenant or in his absence the principal agent defining the incomplete or defective work to be rectified to achieve practical completion. Such list shall be scrutinised and endorsed by the principal agent and shall not be unreasonable in the context of his contract. CORRUPT PRACTICE means the offering, giving, receiving and soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution FRAUDULENT PRACTICE means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any tenderer, and includes collusive practice among tenderers (prior to or after the tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the tenderer of the benefits of free and open competition.
3.0	OFFER AND ACCEPTANCE Clause 3.3 deleted and replaced with the following:- 3.3 This agreement shall come into force on the date of signature of the contract by the employer and after all statutory requirements have been met, and continue to be of force and effect until the end of the latent defects liability period notwithstanding termination or the certification and final payment [22.0;29.0;25.0]

Clause	Amendments
4.0	CESSION AND ASSIGNMENT Clause 4.2 deleted and replaced with the following:- 4.2. The Contractor shall not consent to a nominated Subcontractor assigning or ceding rights or obligations in terms of this agreement without obtaining the prior written consent of the Principal Agent with written approval from the Employer Clause 4.3 deleted and replaced with the following:- 4.3. Where the Contractor intend to cedes any right to monies due or to become due under this agreement as security in favour of a financial institution, a written consent in accordance with clause 4.1 , shall be obtained from the Employer prior to entering into such cession. Clause 4.0 is amended by adding the following new clauses: 4.4 Any cession entered into without the necessary written consent from either party, shall be null and void. 4.5 The Employer shall not consent to a cession of monies due or to become due under this agreement as security in favour of a financial institution, unless such financial institution submitted to the IDT a Valid Tax Clearance Certificate, is registered as a credit provider in terms of the National Credit Act and as a vendor in the IDT's Vendor Management System and in line with the IDT's SCM processes. 4.6 The contractor shall adhere to the list of subcontractors indicated in the returnable schedules. Any changes to the subcontractors and their subcontract work shall be approved by the client in writing. The contractor shall not subcontract more than 25% of the works to subcontractors whose BEE status is less than his at the time of appointment. Failure to comply with this shall constitute a breach of contract.
5.0	CONTRACT DOCUMENTS Clause 5.1 deleted and replaced with the following:- 5.1. The parties shall sign the original contract document and shall each be issued with the copy thereof. The original signed contract document shall be held by the Employer. Clause 5.6 deleted and replaced with the following:- 5.6. The contract documents shall be deemed to be mutually explanatory of one another. In the event of ambiguity, discrepancy, divergence or inconsistency in or between them, the Contract Data shall prevail over all other contract documents.

6.0	EMPLOYER'S AGENTS Clause 6.1 deleted and replaced with the following:- 6.1. The Employer warrants that the Principal Agent has authority and obligation to act and bind the Employer in terms of this agreement, subject to certain restrictions contained herein this document. Clause 6.4 deleted and replaced with the following:- 6.4. Where any agent fails to act in terms of delegated authority, the Contractor shall give notice to the Principal Agent and the Employer to respond to such default within five (5) working days or any agreed period. Where such default has not been responded to within the specified or the agreed period, the Contractor may give not less than 10 working days' notice of intention to suspend the works [28.0]. Clause 6.5 deleted and replaced with the following:-
-----	--

Clause	Amendments
	6.5 Where any agent fails to act or is unable to act, or ceases to be an agent, in terms of this agreement, the Employer shall appoint an interim agent within 10 working days from the date of the employer being aware of such event pending procurement of a replacement agent through normal employer's SCM processes.
9.0	INDEMITIES Clause 9.0 is amended by the addition of the following clause:- Clause 9.1.4. Physical loss or damage to an existing structure in the works that are the subject of the contract and to existing structures as well. Delete 9.2.7. Delete 9.2.10.
10.0	INSURANCES Clause 10.0 is amended by the addition of the following clauses to the end thereof: 10.12 Damage to the works (a) Without any way limiting the contractor's obligations in terms of the contract, the contractor shall bear the full risk of damage to and/or destruction of the works by whatever cause during construction of the works and hereby indemnifies and holds harmless the employer against any such damage. The contractor shall take such precautions and security measures and other steps for the protection and security of the works as the contractor may deem necessary. (b) The contractor shall at all times proceed immediately to remove or dispose of any debris arising from damage or destruction of the works and to rebuild, restore, replace and/or repair the works. (c) Where the employer bears the risk in terms of this contract, the contractor shall, if requested to do so, reinstate any damage or destroyed portions of the works and the costs of such reinstatement shall be measured and valued in terms of 32.0 hereof. 10.13 Injury to Persons or loss of or damage to Properties (a) The contractor shall be liable for and hereby indemnifies the employer against any liability, loss, claim or proceeding whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever arising out of or in the course of or caused by the execution of the works unless due to any act or negligence of any person for whose actions the employer is legally liable (b) The contractor shall be liable for and hereby indemnifies the employer against any liability, loss, claim or proceeding consequent upon loss of or damage to any moveable, or immovable property or personal property or property contiguous to the site, whether belonging to or under the control of the employer or any other body or person, arising out of or in the course of or by reason of the execution of the works unless due to any act or negligence of any person for whose actions the employer is legally liable. (c) The contractor shall upon receiving a contract instruction from the principal agent cause the same to be made good in a perfect and workmanlike manner at his own cost and in default thereof the employer shall be entitled to cause it to be made good and to recover the cost therefore from the contractor or to deduct the same from amounts due to the contractor. (d) The contractor shall be responsible for the protection and safety of such portions of the premises placed under his control by the employer for the purpose of executing the works until the issue of the certificate of practical completion.

Clause	Amendments
	(e) Where the execution of the works involves the risk of removal of or interference with support to adjoining properties including land or structures or any structures to be altered or added to, the contractor shall obtain adequate insurance and will remain adequately insured or insured to the specific limit stated in the contract against the death of or injury to persons or damage to such property consequent on such removal or interference with the support until such portion of the works has been completed. (f) The contractor shall at all times proceed immediately at his own cost to remove or dispose of any debris and to rebuild, restore, replace and / or repair such property and execute the works. 10.14 High Risk Insurance In the event of the project being executed in a geological area classified as a "High Risk Area", that is an area which is subject to highly unstable subsurface conditions which might result in catastrophic ground movement evident by sinkhole or dolomite formation the following will apply: 10.14.1 Damage to the works The contractor shall, from the commencement date of the works until the date of the certificate of practical completion, bear the full risk of and hereby indemnifies and hold harmless the employer against any damage to and/or destruction of the works consequent upon a catastrophic ground movement as mentioned above. The contractor shall take such precautions and security measures and other steps for the protection of the works as he may deem necessary. When so instructed to do so by the principal agent, the contractor shall proceed immediately to remove and/or dispose of any debris arising from damage to or destruction of the works and to rebuild, replace and/or repair the works, at the contractor's own costs. 10.14.2 Injury to persons or loss of or damage to property The contractor shall be liable for and hereby indemnifies and holds harmless the employer against any liability, loss, claim or proceeding arising at any time during the period of the contract whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever resulting from, arising out of or caused by a catastrophic ground movement as mentioned above. The contractor shall be liable for and hereby indemnifies the employer against any and all liability, loss, claim or proceeding consequent upon loss of or damage to any moveable, or immovable property or property contiguous to the site, whether belonging to or under the control of the employer or any other body or person whomsoever arising out of or caused by a catastrophic ground movement, as mentioned above, which occurred during the period of construction. 10.14.3 It is the responsibility of the contractor to ensure that he has adequate insurance to cover his risk and liability as mentioned in 10.14.1 and 10.14.2. Without limiting the contractor's obligations in terms of the contract, the contractor shall, within twenty one (21) calendar days of the commencement date but before commencement of the works submit to the employer proof of such insurance policy, if requested to do so. 10.14.4 The employer shall be entitled to recover any and all losses and/or damages of whatever nature suffered or incurred subsequent upon the contractor's default of his obligations as set out in 10.14.1, 10.14.2 and 10.14.3. Such losses or damages may be recovered from the contractor or by deducting the same from any amounts still due under this contract or under any other contract presently or hereafter existing between the employer and the contractor and for this purpose all these contracts shall be considered on indivisible whole.
11.0	SECURITY Delete clause 11.1.2. and replace with the following:-

Clause	Amendments
	11.1.2. The contractor shall furnish the employer with a fixed construction guarantee equal in value to ten per cent (10%) of the contract sum within fifteen (15) working days from the offer of appointment date and keep such security valid and enforceable until the final payment certificate has been issued to the contractor). Or Delete clause 11.1.3. and replace with the following:- 11.1.3 The Contractor shall furnish the employer with a fixed set of five per cent (5%) guarantee of the contract sum and a payment reduction of 5% of the value of each payment certificate up to a maximum of five per cent (5%) of the contract sum [25.3.3]. The contractor shall keep such security valid and enforceable until the final payment certificate has been issued. The contractor could release the retention at any stage of the contract by issuing a further construction guarantee of five percent (5%) of the contract sum. Amend clause 11.3 to read as following: 11.3 Where a contractor fails to provide the security for projects of value less than R5 million, the employer may: Amend clause 11.3.1 to read as follows: 11.3.1 Hand over the site to the contractor and withhold in interim payment certificates to the contractor an amount equal to ten percent (10%) of the contract sum. The amount withheld shall be reduced at practical completion [19.0] to five percent (5%) of the contract sum and to zero percent (0%) in the final payment certificate [25.6] Delete Clauses 11.1.4, 11.1.5, 11.2; 11.4; 11.5 Delete 11.7 and replace with the following 11.7. A security held by the employer shall be for the due fulfillment of the contractor's obligation in term of this agreement Delete clause 11.10 and replace with the following 11.10 The Contractor hereby waives, in favour of the Employer, any lien or right of retention that is or may be held in respect of the Works to be executed on the Site. Clause 11.0 is amended by adding the following new clauses: 11.12 Within fifteen (15) working days of the date of final completion of the works the employer shall release all construction guarantees to the contractor. 11.13 Where the employer has a right of recovery against the contractor, the employer may issue a written demand in terms of the construction guarantee. 11.14 Construction guarantees shall only expire at final completion date. 11.15 The Employer, as an Organ of State, shall not be required to provide payment guarantees

12.0	DUTIES OF THE PARTIES Delete clause 12.1.1 Delete clause 12.1.10 Clause 12.0 is further amended by adding the following clauses: 12.4 The contractor shall: 12.4.1 Immediately on award of the contract and prior to the commencement on site, the contractor shall prepare a working programme covering the first month of the construction period. This working programme shall be prepared in conjunction with the principal agent and shall be subject to his approval.
------	--

Clause	Amendments
	During the first month of the construction period the contractor shall prepare and draw up the programme for the balance of the works for approval by the principal agent 12.4.2 This programme shall be drawn up in accordance with the dates in the agreement for possession, sectional completion and practical completion and shall be in sufficient and approved detail to ensure control over the works. 12.4.3 The programme shall be compiled based on the Critical Path Method of Programming with the critical activities clearly highlighted. It shall be compiled in such a way that logic is not constrained by resource limitations unless specifically approved by the principal agent. 12.4.4 Documentation will not be available in complete detail at the commencement stage. However the contractor, in conjunction with the principal agent, shall progressively plan the works on provisional information available and with sufficient scope to include future detail without disrupting the basic logic initially approved by the principal agent. The quantities contained in these bills of quantities are provisional and shall be utilized as a guide only for the drawing up of the programme. Where assumptions are made in regard to programming aspects, such assumptions shall be recorded in the programme. 12.4.5 The programme shall be updated and modified to accommodate a material change in circumstances or whenever reasonably required by the principal agent. Any acceleration and/or special measures sanctioned by the principal agent together with associated effects shall be incorporated in a revision to the programme. 12.4.6 The programme (including each revision thereof) shall be prepared in conjunction with the principal agent and shall be subject to his approval. The approval of the principal agent shall be deemed to be given on the basis that the contractor represents that the programme complies with the requirements of this agreement. The contractor shall be responsible at all times for maintaining the accuracy, validity and reasonableness of the programme and the implementation thereof. The fact that a programme has been prepared in conjunction with the principal agent or approved by him shall not release or relieve the contractor from any of his obligations or responsibilities under this agreement. Without derogating from the foregoing, the contractor shall at all times bear the onus to demonstrate that the programme complies with the requirement of this agreement and, where applicable constitute an appropriate baseline programme for any purpose in connection with this agreement. 12.4.7 The contractor and the principal agent shall, at regular intervals not exceeding one month, assess the state of progress of the works relative to the latest agreed revision of the programme. Such agreement shall include the recording of actual commencement and completion dates for each activity and shall constitute the official record of the progress at such point in time. 12.4.7 The contractor shall comply with his tendered subcontractors as stipulated in clause 4.6. 12.5 The contractor shall not remove, cut back or disturb trees and shrubs without a contract instruction from the principal agent. (Specific requirements of the employer must be described) 12.6 The contractor shall ensure that any relics, treasure or other articles of potential value found on the site remain the property of the employer and shall be handed over to the principal agent who shall be the sole arbiter of what is an article of value.

14.0	NOMINATED SUBCONTRACTORS Delete clause 14.1 and replace with the following 14.1 The principal agent and/or agents, on written instruction from the employer, shall: Delete clause 14.1.5 Amend clause 14.3 to read as follows:-
Clause	Amendments
	14.3 Where such subcontractor is not appointed by the contractor for the reasons stated (14.2), or where the appointment of a subcontractor has been terminated, another subcontractor shall be nominated and be appointed on instruction from the principal agent on written instruction from the employer. Amend clause 14.7.1 to read as follows:- The principal agent, on written instruction from the employer, shall instruct the contractor to appoint another nominated subcontractor (14.1.4) to complete the n/s subcontract works.
15.0	SELECTED SUBCONTRACTORS Amend clause 15.1 to read as follows:- The principal agent and/or agents, on written instruction from the employer, shall: Clause 15.1.2 deleted and replaced with: 15.1.2. Call for tenders from a list of tenderers agreed between the contractor, the principal agent and the employer 15.1.5. Delete Amend clause 15.4 to read as follows:- 15.4. Where such subcontractor is not appointed by the contractor for the reasons stated (15.3), or where the appointment of a subcontractor has been terminated, another subcontractor shall be chosen and be appointed on instruction from the principal agent on written instruction from the employer. Amend clause 15.7.1 to read as follows:- 15.7.1 The contractor shall appoint another selected subcontractor (15.1.4) to complete the n/s subcontract works in consultation with principal agent and/agents on written instruction from the employer
16.0	Amend clause 16.1.1 by adding the following sub-clause: 6.1.1.1 The employer will appoint direct contractors for the following direct contract work and the contractor shall be expected to accommodate them in his planning and execution of work: a) b)

17.0	CONTRACT INSTRUCTIONS Amend Clause 17.0 by adding the following sub clauses under clause 17.1.2 The word “substantially” in the main clause above is qualified by the following four sub clauses: 17.1.2.1 Quantity as per line item in fixed Bill of Quantity of more than 5%. 17.1.2.2. Variation in standards that result in rate adjustment within the BOQ of more than 5% 17.1.2.3. Variation in the design that varies the contract sum by more than 5% 17.1.2.4. Should any of the clauses 17.1.2.1-3 be triggered the employer must be notified within 24 hour of becoming aware of the change in writing. The 5% variance includes the exceeding or reduction of the amount as stated above. Amend clause 17.1.13 to read as follow: 17.1.13 Expenditure of budgetary allowances, prime cost amount and provisional sums will only be allowed with the express, explicit and unique written consent of the employer.
Clause	Amendments

19.0	PRACTICAL COMPLETION Amend Clause 19.0 by adding the following clauses: 19.4.1. In the event of failure as contemplated in the main clause, The employer reserves the right to issue a practical completion list in excess of the principal agent list or in replacement thereof. 19.4.2. No default Practical completion will be deemed to be given, in light of sub clause 19.4.1 19.8 Without derogating from the generality of the requirements for practical completion the following specific requirements shall apply: 19.8.1 Defects occurring after the issue of the practical completion list requiring remedial work that will, in the opinion of the principal agent, cause disruption, will cause the issue of the certificate of practical completion to be withheld until such defects have been rectified to the satisfaction of the principal agent. 19.8.2 The following certificates of compliance shall be required (excluding others that may be required by the local/national authority) from the contractor to achieve practical completion and completion certificate shall be invalid if one of them is missing: a) A certificate from the contractor that all aspects of the construction regulations of 2003 have been complied with. b) A certificate from the contractor that the National Building Regulations have been complied with c) An occupancy certificate d) occupational Health and Safety certificate e) A certificate of compliance with respect to plumbing and drainage f) An electrical certificate of compliance g) A certificate of compliance with respect to all glazing h) A certificate of compliance and fire clearance certificate from the contractor and fire chief respectively. i) A galvanizing and painting guarantee. j) All mechanical certificate of compliance. k) All structural certificate of compliance. l) A palisade certificate of compliance. m) A smoke extraction certificate of compliance. n) A fire signage certificate of compliance. o) A tiling certificate of compliance. p) A waterproofing certificate of compliance. q) A generator guarantee. r) Commissioning reports s) Maintenance and operational manuals t) Training of end users on equipment, etc. u) Any other applicable guarantees. 19.8.3 A complete set of maintenance and operating manuals together with all workmanship and material warranties and guarantees are to be compiled and issued to the principal agent prior to practical completion being granted. In addition to the abovementioned documentation, a formal "on site" handover will be required to be conducted with every discipline in the presence of the contractor as well as the applicable services subcontractor. Delete Clause 19.6 and replace with the following clauses: 19.6 Notwithstanding anything to the contrary contained in the contract, should the contractor in the opinion of the principal agent not have achieved practical completion of any area of the works, the employer may, notwithstanding the contractor's ongoing responsibilities, take possession of any such area and such possession by the employer shall not in any way be construed that practical completion has been achieved. In such event, the principal agent shall give written notice to the contractor that the employer is taking immediate possession of any particular area/s without practical completion having been achieved in order to mitigate the employer's damages and exposure to loss or expense.
------	--

Clause	Amendments
	19.6.1 In the event of the Employer taking occupation of the works or part thereof prior to practical completion being achieved, but on or after the date for practical completion, the employer shall: (a) Have the principal agent issue a practical completion list(s) prior to such occupation (b) Grant the contractor thereafter all reasonable access to expeditiously attend to the items on the practical completion list(s) Add clause 19.9 to Clause 19.0 to read as follows: 19.8 After the issue of the certificate of practical completion, entry upon the works to make good defects shall be at such reasonable times as shall be agreed by the principal agent. The contractor shall not receive any mark-up for overheads and profit on any omission of tenant installation work or tenant installation work by others. Claims of loss of profit shall not be entertained.
22.0	LATENT DEFECT LIABILITY PERIOD Amend Clause 22.1 to read as follow: 22.1 The latent defect liability period for the works shall commence at the start of the construction period and end 10 years from the certified date of final completion. Amend 22.2.1 to read as follow: 22.2.1 Where termination of this agreement occurs before the date of final completion, the latent defect liability period shall end 10 Years from the date of termination (29.10; 29.23) for the completed portion of the works only. Delete clause 22.2
23.0	REVISION OF THE DATE FOR PRACTICAL COMPLETION Amend 23.2 to read as follow: 23.2 The contractor is entitled to a revision of the date for practical completion with an adjustment of the contract value (26.0) by the principal agent subject to a written approval from the employer, for a delay to practical completion caused by one or more of the following events:- Amend 23.7 to read as follow: 23.7. The principal agent shall, within twenty (20) working days of receipt of the claim, with the written consent of the employer, grant in full, reduce, refuse the working days claimed, and:

25.0	PAYMENT Amend 25.1. to read as follow: 25.1 The contractor shall cooperate with and assists the employer and Principal agent in the preparation of the cash flow statement and payment valuation by providing all required document and quantified amount of work duly executed. Where the contractor has not provided such information the principal agent shall make a fair estimate of the work executed. Amend Clause 25.0 by adding the following sub clauses under clause 25.1:
Clause	Amendments
	25.1.1. The principal agent shall prepare in full the payment certificate for signature and effect by the employer as stipulated in the contract. No payment certificate will be concluded and effected without the employer's authorized signature on the certificate. 25.1.2. No payment certificate will be effected without the employer's authorized signature on the certificate. 25.1.3 The Employer reserves the right to demand a valid Tax Clearance Certificate prior to making any payment to the Contractor, should it become aware that the tax clearance certificate has expired. 25.1.4 The Contractor shall submit the valid Tax Clearance Certificate within fifteen (15) working days or any extended period, from the date of expiry of the Tax Clearance Certificate. Amend clause 25.4.4 to read as follows: 25.4.4 Default interest, where applicable, shall only be effective after the 30 calendar days from the date of submission of undisputed payment certificate and Contractor Invoice to the employer at the rate of repo rate plus 3%. 25.4.5. Delete Amend 25.7 to read as follow: 25.7 The Employer shall, in accordance with clause 8.2.3 of the treasury regulation of March 2005, pay to the Contractor the amount certified in an interim payment certificate within thirty (30) calendar days from the date of submission of undisputed payment certificate to the employer after verification, unless there is an objection of the certificate by the employer. <i>The employer cannot reject a certificate once the employer signs it.</i> Amend Clause 25.9 by adding the following sub clauses: 25.9.1 The employer shall only be liable for the payment for materials and/or goods on site if ownership is proven by the contractor (paid in full) and such ownership shall pass on to the employer upon payment. 25.9.2 The employer shall only be liable for the payment for materials and/or goods offsite if ownership is proven by the contractor (paid in full) and the contractor submits a bank guaranteed cheque of the value of materials and/or goods in favour of the client and such ownership shall pass on to the employer upon payment.

26.0	ADJUSTMENT OF THE CONTRACT VALUE AND FINAL ACCOUNT Add the followings sub clauses to clause 26.1. 26.1.1. Upon receipt of the change request, the Principal Agent must professionally consider the merits of the change request and make a recommendation to the employer. 26.1.2. The Principal Agent shall not have the power to approve any deviation or variation which has financial implications on the Employer without the necessary written approval of the Employer, except under emergency circumstances wherein failure to undertake the work may result in loss of life.
------	---

Clause	Amendments
	26.1.3. The Employer must communicate the approval of the change request in writing to the Principal Agent and the Principal Agent shall, upon receipt of confirmation of the change request, issue the necessary Contract Instruction to the contractor to undertake the works. 26.1.4. The Contractor shall not commence with any change request Works without proof of the written approval of the Variation Order from the Employer, except under circumstances mentioned in paragraph 26.1.2 above. 26.1.5 Should the Contractor undertakes the change request Works without the necessary written approval of the change request from the Employer, the Contractor shall be entirely liable for any financial and any related implications and hereby indemnify and hold harmless the Employer from and against any and all claims, actions, damages, liabilities, injuries, costs, fees, expenses, or losses, including and without limitation, reasonable attorney's fees and costs of investigation and litigation, whatsoever which may be incurred by, or for which liability may be asserted against, the Employer arising out of the Contractor's performance or non-performance of unauthorized works, but only to the extent caused by the negligent acts, errors or omissions of the Contractor. 26.1.6. The Contractor shall not accept any instructions from any party, including beneficiary Department, other than the Principal Agent. Amend clause 26.7 to read as follow: 26.7 The principal agent, in consultation with the employer, shall assess the claim and on approval by the employer, shall adjust the contract value within twenty (20) working days of receipt of such details.
27.0	RECOVERY OF EXPENSE AND/OR LOSS 27.1.4. Delete
28.0	SUSPENSION BY THE CONTRACTOR Amend clause 28.1. to read as follow: 28.1 The contractor may give fourteen (14) Working days' notice to the employer and the principal agent of the intention to suspend the works where the employer and the principal agent have failed to: Add the followings clause to clause 28.0: 28.5. The date of resumption of works shall be the date on which the default has been remedied by the employer.

29.0	TERMINATION Clause 29.1.1 is amended by the addition of the following sub-clauses: 29.1.1a The contractor refuses or neglects to comply strictly with any of the conditions of contract. 29.1.1b The contractor's estate being sequestrated, liquidated or surrendered in terms of the insolvency laws in force with the Republic of South Africa. 29.1.1c The contractor, in the judgment of the employer, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
Clause	Amendments
	29.1.1d The contractor fails to perform in terms of the agreement or the employer on reasonable ground believe that the contractor may not be able to comply with his obligation. Amend 29.10 to read as follow: 29.10 The latent defect liability period for the completed portion of the works shall end (22.2.1) 10 years from the date of termination. Amend 29.23 to read as follow: 29.23 The latent defect liability period for the completed portion of works shall end 10 years from the date of termination (22.2.2).
30.0	DISPUTE RESOLUTION Delete clauses 30.3, 30.4, 30.5 and 30.6

Contract Agreement

Clause Number	Contract Agreement
41.0	41.0 POST TENDER PROVISIONS 41.1 All information provided in this section requires consultation with the parties to the agreement. 41.2 The completed Contract Data - Employer and Contractor data - Contractor addenda and such other pertinent documents as listed below shall form part of this agreement: 41.3 The dispute resolution body selected by the parties is: <u>THE ASSOCIATION OF SOUTH AFRICAN ARBITRATORS</u> 41.4 The employer shall provide a Payment Guarantee (amount) N/A 41.5 An annual building industry holiday period is applicable (yes/no) YES 41.6 Further provisions and information agreed by the parties: _____ _____ _____ _____
42.0	42.0 CONTRACTUAL AGREEMENT 42.1 This agreement is the entire (special conditions?) contract between the parties regarding the matters addressed herein. No representations, terms, conditions or warranties not contained in this agreement shall be binding on the parties. No agreement or addendum varying, adding to, deleting or terminating this agreement including this clause shall be effective unless reduced to writing and signed by the parties. 42.2 Contracting Parties (1) Employer : THE INDEPENDENT DEVELOPMENT TRUST Physical Address : North West Regional Office 4071 Joule Street Industrial Site Mmabatho, 2735 Telephone : (018) 381 0654 Fax : E-mail : Molefic@idt.org.za TAX / Vat Registration no : 458 014 7876

Clause Number	Contract Agreement		
	(2) Contractor : Physical Address : Telephone : Fax : E-mail : TAX / Vat Registration no : 42.3 The accepted contract sum (inclusive of tax) <i>(amount)</i> (In words) _____ _____ _____ 42.4 Signature of the contracting parties: Thus done and signed at _____ on _____ <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> _____ Name of signatory _____ Capacity of signatory Thus done and signed at _____ on _____ _____ Name of signatory _____ Capacity of signatory </td> <td style="width: 50%; vertical-align: top;"> _____ For and on behalf of the employer who by signature hereof warrants authorisation hereto _____ As Witness (1) _____ For and on behalf of the contractor who by signature hereof warrants authorisation hereto _____ As Witness (2) </td> </tr> </table>	_____ Name of signatory _____ Capacity of signatory Thus done and signed at _____ on _____ _____ Name of signatory _____ Capacity of signatory	_____ For and on behalf of the employer who by signature hereof warrants authorisation hereto _____ As Witness (1) _____ For and on behalf of the contractor who by signature hereof warrants authorisation hereto _____ As Witness (2)
_____ Name of signatory _____ Capacity of signatory Thus done and signed at _____ on _____ _____ Name of signatory _____ Capacity of signatory	_____ For and on behalf of the employer who by signature hereof warrants authorisation hereto _____ As Witness (1) _____ For and on behalf of the contractor who by signature hereof warrants authorisation hereto _____ As Witness (2)		

Clause Number	Contract Agreement	
	Details of Witness (1) Name: _____ Address: _____ _____ _____	Details of Witness (2) Name: _____ Address: _____ _____ _____ _____

C1.2.1 Special Conditions of Contract

INTRODUCTION

WHEREAS, the Independent Development Trust (“IDT”) made an Offer of Appointment and the Contractor has accepted such appointment subject to the conditions stipulated in the aforesaid Offer of Appointment Letter, which conditions include signing of the JBCC Agreement, Edition 6.2 @ May 2018 (hereinafter referred to as “Main Agreement”) and the Contract Data.

AND WHEREAS, this Special Condition of Contract shall form part of the Main Agreement between the Employer and the Contractor.

a) ADDITIONS TO THE MAIN AGREEMENT AND THE CONTRACT DATA

1.1 JOINT VENTURE AGREEMENT

- 1.1.1** Should the Joint Venture Agreement be dissolved or any of the JV partner pull out the JV Agreement for any reasons whatsoever, the Employer hereby reserve its right to terminate the contract with immediate effect.
- 1.1.2** Should one JV partner pull out of the JV agreement and the replacement JV partner does not meet the BBEE threshold stipulated in clause 5.4 of the Special Condition of the Principal Contract, the IDT shall be entitled to cancel the contract with immediate effect.
- 1.1.3** Should the BBEE status of the Joint Venture be changed to a lower rate than the bidding rate, based on legislation applicable at the time of tender closing, the IDT shall be entitled to cancel the contract.

b) SUBCONTRACTING

- 1.1** A service provider awarded the contract may not sub-contract more than 25% of the value of the contract to any other enterprise that does not have an equal or higher BBEE status level than the person (service provider) concerned, unless the contract is subcontracted to an exempted micro enterprise that has the capability and ability to execute the sub-contract.
- 1.2** Service provider awarded the project shall subcontract not less than 15% of the contract value to Black-owned local firms with preferably women, youth and people with disability

c) LOCAL ENTERPRISE

Service provider awarded the project shall purchase at least 5% of the materials locally where available.

d) TRAINING

Service provider awarded the project may train local labour on life skills, on the job and accredited certification in e.g. plumbing etc.

e) INSURANCES

The contractor shall be responsible for effecting and maintaining the contract works insurance for the full duration of the contract period. The insured amount for the full scope of works shall be 100% of the contract amount. The insured amount shall include for alterations and renovations to existing buildings and shall not reduce in any way despite sectional; completion being taken.

f) SITE AND ACCESS AND WORKING HOURS

Clauses 16.0, 16.1 and 16.6 amended to read as follows:

“the site of the works is live school environment within which the contractor shall have restricted access to the site on being given possession to fulfill his obligations. The contractor shall be briefed on the restrictions of movement, servitudes, access control, buildings in use, security requirements and security clearances, working hours due to the site being occupied and under the employers control at all times. The contractor shall not extend his operations into any restricted or undefined areas.

The contractor shall ensure that all personnel and subcontractors engaged on the contract and those visiting the site have the necessary security clearances prior to such persons being brought on to site. Any persons found to be non-compliant shall not be allowed entry to the site. All costs associated with the verification of personnel to meet this requirement shall be borne by the contractor.

The employer shall have unrestricted and continuous access to the works due to the statutory classification of the site and its operations. This arrangement shall be coordinated and agreed upon by all parties prior to the handover of the site to the contractor. A steering committee comprising representatives of the employer, the principal agent, the contractor and any other nominated or required party shall be set up to ensure that the contractors operations are unhindered.

Work shall be carried out during normal working hours. Any extended times or approval or overtime work shall be considered and approved by the steering committee.

The contractor shall comply with the employers' rules for the control of delivery of materials and goods into the site and for the removal of such items from the site.”

g) PAYMENT OF PRELIMINARY & GENERAL COSTS (P&G)

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

accordance with the contract once the contractor has demonstrated improvement of their performance and the principal agent is satisfied that the contractor is performing diligently.

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

h) FINAL PAYMENT

The employer shall pay to the contractor the amount certified in final payment certificate within thirty (30) calendar days of the date of issue of the payment certificate or the contractors tax invoice whichever is the later date.

i) AMBIGUITY OR DISCREPANCY

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

all risks insurance - especially with the current weather conditions - we need to ensure that all contracts are insured.

SIGNATURE OF THE PARTIES

Signed at Pretoria on this the day of**2023**

AS WITNESSES:

1. _____

For and on behalf of the **Employer:**
.....
in his/her capacity as Acting Regional
General Manager

2. _____

For and on behalf of the **Employer:**
.....
in his/her capacity as the Programme
Manager.

Signed at Pretoria on this the day of**2023**

AS WITNESSES:

1. _____

3. _____

For and on behalf of the **Service
provider:**
.....
in his/her capacity as Director, who
hereby confirm that he/she is duly
authorised hereto.

C1.3 FORM OF GUARANTEE

C1.3 FORM OF GUARANTEE

APPOINTMENT OF A CONTRACTOR FOR THE KOSTER HOSPITAL UPGRADES – PHASE 1 IN KGETLENGRIVIER LOCAL MUNICIPALITY, NORTH WEST PROVINCE.– BID NUMBER: DOH08NWER003/CON14

Contract No.:

WHEREAS **INDEPENDENT DEVELOPMENT TRUST** (hereinafter referred to as "the Employer") entered into, a Contract with _____ (hereinafter called "the Contractor") on the _____ day of _____ 20____ for the construction of _____ at _____

AND WHEREAS it is provided by such Contract that the Contractor shall provide the Employer with security byway of a guarantee for the due and faithful fulfilment of such Contract by the Contractor;

AND WHEREAS

has/have at the request of the Contractor, agreed to give such guarantee;

NOW THEREFORE WE,

do hereby guarantee and bind ourselves jointly and severally as Guarantor and Co-principal Debtors to the Employer under renunciation of the benefits of division and excussion for the due and faithful performance by the Contractor of all the terms and conditions of the said Contract, subject to the following conditions:

1. The Employer shall, without reference and/or notice to us, have complete liberty of action to act in any manner authorized and/or contemplated by the terms of the said Contract, and/or to agree to any modifications, variations, alterations, directions or extensions of the Completion Date of the Works under the said Contract, and that its rights under this guarantee shall in no way be prejudiced nor our liability hereunder be affected by reason of any steps which the Employer may take under such Contract, or of any modification, variation, alterations of the Completion Date which the Employer may make, give, concede or agree to under the said Contract.
2. This guarantee shall be limited to the payment of a sum of money
3. The Employer shall be entitled, without reference to us, to release any guarantee held by it, and to give time to or compound or make any other arrangement with the Contractor.
4. This guarantee shall remain in full force and effect until the issue of the Certificate of Completion in terms of the Contract, unless we are advised in writing by the Employer before the issue of the said

Certificate of his intention to institute claims, and the particulars thereof, in which event this guarantee shall remain in full force and effect until all such claims have been paid or liquidated.

5. Our total liability hereunder shall not exceed the sum of (not exceeding 10% of the Contract Sum) in

_____ (R_____)

The Guarantor reserves the right to withdraw from this guarantee by depositing the Guaranteed Sum with the beneficiary, whereupon the Guarantor's liability hereunder shall cease.

We hereby choose our address for the serving of all notices for all purposes arising here from as

IN WITNESS WHEREOF this guarantee has been executed by us at

on this _____ day of _____ 20_____

As witnesses:

1. _____ Signature _____

2. _____ Signature _____

Duly authorized to sign on behalf of

Address _____

C1.4 ADJUDICATOR'S AGREEMENT

C1.4: Adjudicator's Agreement

This agreement is made on the.....day of 20.....between the Employer

(name of company / organisation)

of (address)

..... and the Contractor

(name of company / organisation) of

(address)

..... (hereinafter called **the Parties**)

and

(name)

of (address)

..... (hereinafter called **the Adjudicator**)

Disputes or differences may arise/have arisen* between the Parties under a Contract No

.....

for (contract title)

and these disputes or differences shall be/have been* referred to adjudication in accordance with the CIDB Adjudication Procedure, (hereinafter called "**the Procedure**") and the Adjudicator may be or has been requested to act.

(* Delete as necessary)

IT IS NOW AGREED as follows:

1. The rights and obligations of the Adjudicator and the Parties shall be as set out in the Procedure.
2. The Adjudicator hereby accepts the appointment and agrees to conduct the adjudication in accordance with the Procedure.
3. The Parties bind themselves jointly and severally to pay the Adjudicator's fees and expenses in accordance with the Procedure as set out in the Contract Data.
4. The Parties and the Adjudicator shall at all times maintain the confidentiality of the adjudication and shall endeavour to ensure that anyone acting on their behalf or through them will do likewise, save with the consent of the other Parties which consent shall not be unreasonably refused.
5. The Adjudicator shall inform the Parties if he intends to destroy the documents which have been sent

to him in relation to the adjudication and he shall retain documents for a further period at the request of either Party.

6. **SIGNED by:**

(Signature):(Signature):(Signature):

Name:.....Name:..... Name:

who warrants that he/ she is
duly authorized to sign for and
on behalf of the **First Party** in
and on behalf of the presence
of

who warrants that he/ she is
duly authorized to sign for and
on behalf of the **Second Party**
presence of

the **Adjudicator** in the presence
of

Witness: **Witness:** **Witness:**
(Signature):(Signature):(Signature):

Name:.....Name:..... Name:

Address: Address: Address:

.....

Date:..... Date:..... Date:

C1.5: AGREEMENT IN TERMS OF SECTION 37(2) OF THE OCCUPATIONAL HEALTH AND SAFETY ACT No 85 OF 1993

Refer Overleaf:

**C.1.5 AGREEMENT IN TERMS OF SECTION 37(2) OF THE OCCUPATIONAL HEALTH AND
SAFETY ACT No 85 OF 1993**

THIS AGREEMENT is made between Independent Development trust represented by the Supply Chain Management.

(hereinafter called the EMPLOYER) of the one part, herein represented by:

.....
in his capacity as:
;

AND:

(hereinafter called the CONTRACTOR) of the other part, herein represented by

.....
in his capacity as:

duly authorised to sign on behalf of the Contractor.

WHEREAS the CONTRACTOR is the Mandatary of the EMPLOYER in consequence of an agreement between the CONTRACTOR and the EMPLOYER in respect of:

TENDER:

APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NEW TECHNICAL WORKSHOPS TO ADDITIONS AND RENOVATIONS TO CN LEKALAKE SECONDARY SCHOOL FOR THE DEPARTMENT OF HEALTH, NORTH WEST PROVINCE.– BID NUMBER: DOH08NWER003/CON14

at CN LEKALAKE MIDDLE SCHOOL

AND WHEREAS the EMPLOYER and the CONTRACTOR have agreed to enter into an agreement in terms of the provisions of Section 37(2) of the Occupational Health and Safety Act No 85 of 1993, as amended by OHSA Amendment Act No 181/1993 (hereinafter referred to as the ACT);

NOW THEREFORE the parties agree as follows:

- 1. The CONTRACTOR undertakes to acquaint the appropriate officials and employees of the CONTRACTOR with all relevant provisions of the ACT and the regulations promulgated in terms thereof.**
2. The CONTRACTOR undertakes to fully comply with all relevant duties, obligations and prohibitions imposed in terms of the ACT and Regulations: Provided that should the EMPLOYER have prescribed certain arrangements and procedures that same shall be observed and adhered to by the CONTRACTOR, his officials and employees. The CONTRACTOR shall bear the onus of acquainting himself/herself/itself with such arrangements and procedures.
3. The CONTRACTOR hereby accepts sole liability for such due compliance with the relevant duties, obligations, prohibitions, arrangements and procedures, if any, imposed by the ACT and Regulations, and the CONTRACTOR expressly absolves the EMPLOYER and the Employer's CONSULTING ENGINEERS from being obliged to comply with any of the aforesaid duties, obligations, prohibitions, arrangements and procedures in respect of the work included in the contract.
4. The CONTRACTOR agrees that any duly authorised officials of the EMPLOYER shall be entitled, although not obliged, to take such steps as may be necessary to ensure that the CONTRACTOR has complied with his undertakings as more fully set out in paragraphs 1 and 2

above, which steps may include, but shall not be limited to, the right to inspect any appropriate site or premises occupied by the CONTRACTOR, or to take such steps the EMPLOYER may deem necessary to remedy the default of the CONTRACTOR at the cost of the CONTRACTOR.

5. The CONTRACTOR shall be obliged to report forthwith to the EMPLOYER any investigation, complaint or criminal charge which may arise as a consequence of the provisions of the ACT and Regulations, pursuant to work performed in terms of this agreement, and shall, on written demand, provide full details in writing of such investigation, complaint or criminal charge.

Thus signed at for and on behalf of the **CONTRACTOR**

on this the day of 20.....

SIGNATURE:

NAME AND SURNAME:

CAPACITY:

WITNESSES: 1.

2.

Thus signed at for and on behalf of the **EMPLOYER** on this

the day of 20.....

SIGNATURE:

NAME AND SURNAME:

CAPACITY:

WITNESSES: 1.

2.

C1.6 Waiver of Lien

Refer Overleaf:



Waiver of Contractor's Lien

for use with the JBCC Principal Building
or JBCC Minor Works Agreements

DEFINITIONS

Contractor _____

Employer _____

Agreement _____
(Principal Building Agreement
or Minor Works Agreement)

Works (description) _____

Site _____
(property title deed description)

AGREEMENT

The Contractor waives, in favour of the Employer, any lien or right of retention that is or may be held in respect of the Works to be executed on the Site

This waiver shall only come into effect on provision by the Employer of a Payment Guarantee for fulfilment of his obligations in terms of the identified Agreement

Thus done and signed at _____ on

Name of signatory

Capacity of signatory

As witness

For and on behalf of the Contractor who by
signature hereof warrants authorisation hereto

JBCC Series 2000 □ Code 2121 July 2007

C2: PRICING DATA

C2.1 PRICING INSTRUCTIONS

C2: PRICING DATA

C2.1 Pricing Instructions

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

- a) Civil engineering work has been drawn up in accordance with the provisions of the latest edition of SABS 1200 Standardized Specifications for Civil Engineering Works.
- b) Mechanical work has been drawn up in accordance with the provisions of the Model Bills of Quantities for Refrigeration, Air-Conditioning and Ventilation Installations, published by the South African Association of Quantity Surveyors, (July 1990).
- c) electrical work has been drawn up in accordance with the provisions of the Model Bills of Quantities for Electrical Work, published by the South African Association of Quantity Surveyors, (July, 2005).

2 The agreement is based on the JBCC Series 2000 Principal Building Agreement, prepared by the Joint Building Contracts Committee, (**Edition 6.2 Reprint May 2018**) as amended in the IDT's **SPECIAL CONDITIONS OF PRINCIPAL CONTRACT**. The additions, deletions and alterations to the JBCC Principal Building Agreement as well as the contract specific variables areas stated in the Contract Data. Only the headings and clause numbers for which allowance must be made in the Bills of Quantities are recited.

3 Preliminary and general requirements are based on the various parts of the JBCC Series 2000 Preliminaries as prepared by the Joint Building Contracts Committee, (**Edition 6.2 Reprint May 2018**) as amended in the IDT's **SPECIAL CONDITIONS OF PRINCIPAL CONTRACT**. The additions, deletions and alterations to the various parts of the JBCC Series 2000 Preliminaries as well as the contract specific variables are as stated in the Specification Data in the Scope of Work. Only the headings and clause numbers for which allowance must be made in the Bills of Quantities are recited.

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

5 The prices and rates in these Bills of Quantities are fully inclusive prices for the work described under the items. Such prices and rates cover all costs and expenses that may be required in and for the execution of the work described in accordance with the provisions of the Scope of Work, and shall cover the cost of all general risks, liabilities, and obligations set forth or implied in the Contract Data, as well as overhead charges and profit. These prices will be used as a basis for assessment of payment for additional work that may have to be carried out.

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

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

8 The rates contained in the Bills of Quantities will apply irrespective of the final quantities of the different classes and kinds of work actually executed.

9 Rates for work of similar description occurring in different sections of the Bills of Quantities shall be identical.

10 An item against which no price is entered will be considered to be covered by the other prices or rates in the Bills of Quantities. A single lump sum will apply should a number of items be grouped together for pricing purposes.

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

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

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

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

15 Where the initial contract period is extended, the monthly charge shall be calculated on the basis as set out in 14 but taking into account the revised period for completing the works.

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

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

17 Where no provision is made in the Bills of Quantities to indicate which of the three categories in 12 apply or where no selection is made, the adjustments shall be based on the following breakdown:

- a) 10 percent is Fixed;
- b) 15 percent if Value Related
- c) 75 percent is Time Related.

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

19 Payment for items, which are designated to be constructed under labour-intensively, will not be made unless they are constructed using labor-intensive methods. Any unauthorized use of plant to carry out work which was to be done labour-intensively will not be condoned and any works so constructed will not be certified for payment.

20 The tenderer is to acquaint himself as to the specific requirements of this tender as contained in additional. clauses A1 to A6 to the JBCC Principal Agreement as incorporated in the Contract Data. These clauses may be priced under the relevant Preliminaries items in SECTION C: SPECIFIC PRELIMINARIES of the Preliminaries Bill. No claim will be entertained due to the failure of the tenderer to allow for these requirements

21 The contractor shall determine the contract skills participation goals, expressed in Rand, which shall not be less than the contract amount multiplied by a percentage factor given in Table 2 in the Standard for the applicable class of construction works. This is indicated by the percentage factor in the Final Tender Summary section. Minimum Contract Skills Development Goal (CSDG) sum = General Building GB (0.50%) x Subtotal of the tender amount

Table 2: Contract skills development goals for different classes of engineering and construction works contracts

Class of construction works as identified in terms of Regulation 25(3) of the Construction Industry Regulations 2004		Construction skills development goal (CSDG) (%)
Designation	Description	
CE	Civil engineering	0.25
CE and GB	Civil engineering and General Building	0.375
EE	Electrical Engineering works (buildings)	0.25
EP	Electrical Engineering works (infrastructure)	0.25
GB	General Building	0.5
ME	Mechanical Engineering works	0.25
SB	Specialist	0.25

Example 1: The contract amount for an engineering and construction works contract in the GB class of construction works is R65,7m. The contract skills development goal in Rands is $R65,7m \times 0.5\% = R328\ 500$.

- 22 The Employer shall determine the amount to be paid to the Enterprise Development Co-Ordinator for the Contract Participation Goal (CPG) on the contract and this amount shall be stated under the section Enterprise Development as a Provisional Sum in the Preliminaries and Generals (P&G's).

The contractor shall be paid as follows: These are recommended rates, client may change depending on the location of the project, complexity etc.). These rates must be stated by the client in the P&Gs so that all tenderers have the same rate and not result in a tenderer being disadvantaged.

Needs analysis and enterprise development plan per Targeted Enterprise – R5 000.00 (Ten thousand rands) per targeted enterprise.

Mentoring and interim reporting per Targeted Enterprise - R20 000.00 (twenty thousand rands) per quarter; and

Project completion report per Targeted Enterprise - R5 000.00 (five thousand rands) per targeted enterprise.

23 Provisional sums are provided for some items in the Schedule of Quantities. Work done under these items will be at the written direction of the Employer. The Employer reserves the right, during the execution of the works, to adjust the stated amounts upwards or downwards according to the work actually done under the item, or the item may be omitted altogether, without affecting the validity of the Contract.

24 The Tenderer shall not under any circumstances whatsoever delete or amend any of the sums inserted in the "Amount" column of the Bill of Quantities and in the Summary of the Bill of Quantities unless ordered or authorized in writing by the Employer before closure of tenders. Any authorized changes made by the Tenderer to provisional items in the schedule, or to the provisional percentages and sums in the Summary of the Bill of Quantities, will be treated as arithmetical errors.

25 Payment to the contractor to accommodate Part/Full Occupational qualification and Tradequalifications

The employer shall include the following statement in the pricing assumptions:

The contractor shall apportion the learners in the different construction activities based on the scope of work.

The cost of accommodating learners will be determined by using Table 3 in the Standard and this cost will be used to determine the value in Rand and will be added to the provision for training as provided for in the Preliminary and General section in the Bill of Quantities/Pricing schedules/Activity schedule.

26 Payment to the contractor for supervision and mentoring Part/Full Occupational qualification and Trade qualifications learners

The employer shall make no provision for an additional payment item for the payment of the supervisor and/or mentors for the provision of training as provided for in the Preliminary and General section in the Bill of Quantities/Pricing schedules/Activity schedule for the training of part/full time occupational learners and/or trade qualification learners.

C2.2 BILL OF QUANTITIES

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No		Quantity	Rate	Amount
	<u>BILL NO. 1</u> <u>PRELIMINARIES</u>			
	<u>BUILDING AGREEMENT AND PRELIMINARIES</u> <u>MEANING OF TERMS "TENDER / TENDERER"</u> Any reference to the words "Tender" or "Tenderer" herein and/or in any other documentation shall be construed to have the same meaning as the words "Bid" or "Bidder" <u>MEASURING SYSTEM</u> Bills of Quantities/schedule of rates drawn up in accordance with the Standard System of Measuring Building Work - 2015 Seventh Edition EXCEPT for Electrical and Mechanical Works which are measured in accordance with SANS 1200 <u>SPECIFICATION OF MATERIALS AND METHODS TO BE USED</u> Specification of materials and methods to be used shall be in accordance with PW 371 - 1982 First Edition (Fourth Revision October 1993)			
	Carried to Collection		R	
	Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			

1	<u>PRELIMINARIES</u> The JBCC Preliminaries May 2018 edition for use with the JBCC Principal Building Agreement Edition 6.2 - May 2018 is taken to be incorporated herein. The tenderer is deemed to have referred to these documents for the full intent and meaning of each clause. These clauses are referred to by number and heading only. Where standard clauses or options are not applicable to the contract such modifications or corrections as are necessary are given under each relevant clause. Where an item is not relevant to this specific contract such item is marked "N/A" signifying "Not Applicable" <u>PRICING OF PRELIMINARIES</u> Should Option A, as set out in clause B10.3.1 hereinafter be used for the adjustment of preliminaries then each item priced is to be allocated to one or more of the three categories Fixed, Value Related or Time Related and the respective amounts entered in the spaces provided under each item Items not priced in these Preliminaries shall be deemed to be included elsewhere in these Bills of Quantities <u>SECTION A: JBCC PRINCIPAL BUILDING AGREEMENT</u> <u>DEFINITIONS</u> A1.0 DEFINITIONS AND INTERPRETATION Clause 1.0 Clause 1.1 Definition of "Commencement Date" is added: "COMMENCEMENT DATE" means the date that the agreement, made in terms of the Form of Offer and Acceptance, comes into effect Clause 1.1 Definition of "Construction Guarantee" is amended by replacing it with the following: Carried to Collection Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			
			R	

"CONSTRUCTION GUARANTEE" means a guarantee at call obtained by the contractor from an institution approved by the employer in terms of the employer's construction guarantee form as selected in the schedule Clause 1.1 Definition of "Construction Period" is amended by replacing it with the following: "CONSTRUCTION PERIOD" means the period commencing on the commencement date and ending on the date of practical completion Clause 1.1 Definition of "Corrupt Practice" is added: "CORRUPT PRACTICE" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution Clause 1.1 Definition of "Fraudulent Practice" is added: "FRAUDULENT PRACTICE" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any tenderer and includes collusive practice among tenderers (prior to or after the tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the tenderer of the benefits of free and open competition Clause 1.1 Definition of "Interest" is amended by replacing it with the following: "INTEREST" means the interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be the rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999) Clause 1.1 Definition of "Principal Agent" is amended by replacing it with the following:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	"PRINCIPAL AGENT" means the person or entity appointed by the employer and named in the schedule. In the event of a principal agent not being appointed, then all the duties and obligations of a principal agent as detailed in the agreement shall be fulfilled by a representative of the employer as named in the schedule Clause 1.1 Definition of "Security" is amended by replacing it with the following: "SECURITY" means the form of security provided by the employer or contractor, as stated in the schedule, from which the contractor or employer may recover expense or loss Clause 1.6 is amended by replacing the words "prepaid registered post, telefax or e-mail" with "prepaid registered post or telefax" Clause 1.6.4 is amended by replacing it with the following: No clause Fixed: _____ Value related: _____ Time related: _____ <u>OBJECTIVE AND PREPARATION</u> 2 A2.0 OFFER, ACCEPTANCE AND PERFORMANCE Clause 2.0 Fixed: R _____ Value related: _____ Time related: _____ Carried to Collection Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14	Item		
		Item	R	

3	A3.0 DOCUMENTS Clause 3.0 Clause 3.2.1 is amended by replacing "14.1" with "14.0" Clause 3.7 is amended by the addition of the following: The contractor shall supply and keep a copy of the JBCC Series 2000 Principal Building Agreement and Preliminaries applicable to this contract on the site, to which the employer, principal agent and agents shall have access at all times Clause 3.10 is amended by replacing the second reference to "principal agent" with the word "employer" Fixed: _____ Value related: _____ Time related: _____	Item	
4	A4.0 DESIGN RESPONSIBILITY Clause 4.0 Clause 4.3 is amended by replacing it with the following: No clause Fixed: _____ Value related: _____ Time related: _____	Item	
5	A5.0 EMPLOYER'S AGENTS Clause 5.0 Clause 5.1.2 is amended to include clauses 32.6.3, 34.3, 34.4 and 38.5.8 Fixed: _____ Value related: _____ Time related: _____	Item	
Carried to Collection			
Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			R

6	A6.0 SITE REPRESENTATIVE Clause 6.0 Fixed: _____ Value related: _____ Time related: _____	Item			
7	A7.0 COMPLIANCE WITH REGULATIONS Clause 7.0 Note: A separate clause has been included in Section C : Specific Preliminaries of the bills of quantities / lump sum document for the contractor to have the opportunity to price for all the requirements of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification Fixed: _____ Value related: _____ Time related: _____	Item			
8	A8.0 WORKS RISK Clause 8.0 Fixed: _____ Value related: _____ Time related: _____	Item			
9	A9.0 INDEMNITIES Clause 9.0 Fixed: _____ Value related: _____ Time related: _____	Item			
Carried to Collection			R		
Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

10	A10.0 WORKS INSURANCES Clause 10.0 Clause 10.0 is amended by the addition of the following clauses: 10.5 Damage to the Works (a) Without in any way limiting the contractor's obligations in terms of the contract, the contractor shall bear the full risk of damage to and/or destruction of the works by whatever cause during construction of the works and hereby indemnifies and holds harmless the employer against any such damage. The contractor shall take such precautions and security measures and other steps for the protection and security of the works as the contractor may deem necessary (b) The contractor shall at all times proceed immediately to remove or dispose of any debris arising from damage to or destruction of the works and to rebuild, restore, replace and/or repair the works (c) The employer shall carry the risk of damage to or destruction of the works and materials paid for by the employer that is the result of the excepted risks as set out in 10.6 (d) Where the employer bears the risk in terms of this contract, the contractor shall, if requested to do so, reinstate any damage or destroyed portions of the works and the costs of such reinstatement shall be measured and valued in terms of 32.0 hereof Carried to Collection Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			
----	---	--	--	--

10.6 Injury to Persons or loss of or damage to Properties	(a) The contractor shall be liable for and hereby indemnifies the employer against any liability, loss, claim or proceeding whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever arising out of or in the course of or caused by the execution of the works unless due to any act or negligence of any person for whose actions the employer is legally liable (b) The contractor shall be liable for and hereby indemnifies the employer against any liability, loss, claim or proceeding consequent upon loss of or damage to any moveable or immovable or personal property or property contiguous to the site, whether belonging to or under the control of the employer or any other body or person, arising out of or in the course of or by reason of the execution of the works unless due to any act or negligence of any person for whose actions the employer is legally liable (c) The contractor shall, upon receiving a contract instruction from the principal agent, cause the same to be made good in a perfect and workmanlike manner at his own cost and in default thereof the employer shall be entitled to cause it to be made good and to recover the cost thereof from the contractor or to deduct the same from amounts due to the contractor (d) The contractor shall be responsible for the protection and safety of such portions of the premises placed under his control by the employer for the purpose of executing the works until the issue of the certificate of practical completion	Carried to Collection	R	Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14
--	---	--	-------------------------------------	--

	(e) Where the execution of the works involves the risk of removal of or interference with support to adjoining properties including land or structures or any structures to be altered or added to, the contractor shall obtain adequate insurance and will remain adequately insured or insured to the specific limit stated in the contract against the death of or injury to persons or damage to such property consequent on such removal or interference with the support until such portion of the works has been completed (f) The contractor shall at all times proceed immediately at his own cost to remove or dispose of any debris and to rebuild, restore, replace and/or repair such property and to execute the works 10.7 High risk insurance In the event of the project being executed in a geological area classified as a "High Risk Area", that is an area which is subject to highly unstable subsurface conditions that might result in catastrophic ground movement evident by sinkhole or doline formation the following will apply: 10.7.1 Damage to the works The contractor shall, from the commencement date of the works until the date of the certificate of practical completion bear the full risk of and hereby indemnifies and holds harmless the employer against any damage to and/or destruction of the works consequent upon a catastrophic ground movement as mentioned above. The contractor shall take such precautions and security measures and other steps for the protection of the works as he may deem necessary When so instructed to do so by the principal agent, the contractor shall proceed immediately to remove and/or dispose of any debris arising from damage to or destruction of the works and to rebuild, restore, replace and/or repair the works, at the contractor's own costs				

10.7.2 Injury to persons or loss of or damage to property	The contractor shall be liable for and hereby indemnifies and holds harmless the employer against any liability, loss, claim or proceeding arising at any time during the period of the contract whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever resulting from, arising out of, or caused by a catastrophic ground movement as mentioned above	The contractor shall be liable for and hereby indemnifies the employer against any and all liability, loss, claim or proceeding consequent upon loss of or damage to any moveable or immovable or personal property or property contiguous to the site, whether belonging to or under the control of the employer or any other body or person whomsoever arising out of or caused by a catastrophic ground movement, as mentioned above, which occurred during the period of the contract	10.7.3 It is the responsibility of the contractor to ensure that he has adequate insurance to cover his risk and liability as mentioned in 10.7.1 and 10.7.2. Without limiting the contractor's obligations in terms of the contract, the contractor shall, within twenty-one (21) calendar days of the commencement date but before commencement of the works, submit to the employer proof of such insurance policy, if requested to do so	Carried to Collection	R	Section No. 1 Bill No 1 - Preliminaries	PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	10.7.4 The employer shall be entitled to recover any and all losses and/or damages of whatever nature suffered or incurred consequent upon the contractor's default of his obligations as set out in 10.7.1; 10.7.2 and 10.7.3. Such losses or damages may be recovered from the contractor or by deducting the same from any amounts still due under this contract or under any other contract presently or hereafter existing between the employer and the contractor and for this purpose all these contracts shall be considered one indivisible whole Fixed: _____ Value related: _____ Time related: _____				
11	A11.0 LIABILITY INSURANCES Clause 11.0 Fixed: R _____ Value related: _____ Time related: _____	Item			
12	A12.0 EFFECTING INSURANCES Clause 12.0 Fixed: R _____ Value related: _____ Time related: _____	Item			
13	A13.0 No clause	N/A			
14	A14.0 SECURITY Clause 14.0 Clauses 14.1 - 14.8 are amended by replacing them with the following:				
	Carried to Collection			R	
	Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

14.1 In respect of contracts with a contract sum up to R1 million, the security to be provided by the contractor to the employer will be a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding VAT) 14.1.1 The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandi</i> in terms of 31.8(A) 14.1.2 The employer shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employer's entitlement shall take precedence over his obligations to refund the payment reduction security or portions thereof to the contractor 14.2 In respect of contracts with a contract sum above R1 million, the contractor shall have the right to select the security to be provided in terms of 14.3, 14.4, 14.5, 14.6, or 14.7 as stated in the schedule. Such security shall be provided to the employer within twenty-one (21) calendar days from commencement date. Should the contractor fail to select the security to be provided or should the contractor fail to provide the employer with the selected security within twenty-one (21) calendar days from commencement date, the security in terms of 14.7 shall be deemed to have been selected 14.3 Where security as a cash deposit of ten per cent (10%) of the contract sum (excluding VAT) has been selected: 14.3.1 The contractor shall furnish the employer with a cash deposit equal in value to ten per cent (10%) of the contract sum (excluding VAT) within twenty-one (21) calendar days from commencement date 14.3.2 Within twenty-one (21) calendar days of the date of practical completion of the works the employer shall reduce the cash deposit to an amount equal to three per cent (3%) of the contract value (excluding VAT), and refund the balance to the contractor				
Carried to Collection Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14		R		

14.3.3 Within twenty-one (21) calendar days of the date of final completion of the works the employer shall reduce the cash deposit to an amount equal to one per cent (1%) of the contract value (excluding VAT) and refund the balance to the contractor 14.3.4 On the date of payment of the amount in the final payment certificate, the employer shall refund the remainder of the cash deposit to the contractor 14.3.5 The employer shall be entitled to recover expense and loss from the cash deposit in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employer's entitlement shall take precedence over his obligations to refund the cash deposit security or portions thereof to the contractor 14.3.6 The parties expressly agree that neither the employer nor the contractor shall be entitled to cede the rights to the deposit to any third party 14.4 Where security as a variable construction guarantee of ten percent (10%) of the contract sum (excluding VAT) has been selected: 14.4.1 The contractor shall furnish the employer with an acceptable variable construction guarantee equal in value to ten per cent (10%) of the contract sum (excluding VAT) within twenty-one (21) calendar days from commencement date 14.4.2 The variable construction guarantee shall reduce and expire in terms of the Variable Construction Guarantee form included in the invitation to tender 14.4.3 The employer shall return the variable construction guarantee to the contractor within fourteen (14) calendar days of it expiring 14.4.4 Where the employer has a right of recovery against the contractor in terms of 33.0, the employer shall issue a written demand in terms of the variable construction guarantee			
Carried to Collection		R	
Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			

14.5 Where security as a fixed construction guarantee of five per cent (5%) of the contract sum (excluding VAT) and a five per cent (5%) payment reduction of the value certified in the payment certificate (excluding VAT) has been selected: 14.5.1 The contractor shall furnish a fixed construction guarantee to the employer equal in value to five per cent (5%) of the contract sum (excluding VAT) 14.5.2 The fixed construction guarantee shall come into force on the date of issue and shall expire on the date of the last certificate of practical completion 14.5.3 The employer shall return the fixed construction guarantee to the contractor within fourteen (14) calendar days of it expiring 14.5.4 The payment reduction of the value certified in a payment certificate shall be in terms of 31.8 (A) and 34.8 14.5.5 Where the employer has a right of recovery against the contractor in terms of 33.0, the employer shall be entitled to issue a written demand in terms of the fixed construction guarantee or may recover from the payment reduction or may do both 14.6 Where security as a cash deposit of five per cent (5%) of the contract sum (excluding VAT) and a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding VAT) has been selected: 14.6.1 The contractor shall furnish the employer with a cash deposit equal in value to five per cent (5%) of the contract sum (excluding VAT) within twenty-one (21) calendar days from commencement date 14.6.2 Within twenty-one (21) calendar days of the date of practical completion of the works the employer shall refund the cash deposit in total to the contractor			
Carried to Collection		R	
Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			

14.6.3 The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandi</i> in terms of 31.8(A) 14.6.4 Where the employer has a right of recovery against the contractor in terms of 33.0, the employer may issue a written notice in terms of 33.4 or may recover from the payment reduction or may do both 14.7 Where security as a payment reduction of ten per cent (10%) of the value certified in the payment certificate (excluding VAT) has been selected: 14.7.1 The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandi</i> in terms of 31.8(B) 14.7.2 The employer shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employer's entitlement shall take precedence over his obligations to refund the payment reduction or portions thereof to the contractor 14.8 Payments made by the guarantor to the employer in terms of the fixed or variable construction guarantee shall not prejudice the rights of the employer or contractor in terms of this agreement 14.9 Should the contractor fail to furnish the security in terms of 14.2, the employer, in his sole discretion and without notification to the contractor, is entitled to change the contractor's selected form of security to that of a ten per cent (10%) payment reduction of the value certified in the payment certificate (excluding VAT), whereafter 14.7 shall be applicable Fixed: _____ Value related: _____ Time related: <u>R 160,000.00</u>	Item	R
Carried to Collection		
Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14		

15	<u>EXECUTION</u> A15.0 PREPARATION FOR AND EXECUTION OF THE WORKS Clause 15.0 Clause 15.1.1 is amended by replacing it with: No clause Clause 15.1.2 is amended by replacing it with: The security selected in terms of 14.0 Clause 15.1 is amended by the addition of the following clause: 15.1.4 An acceptable health and safety plan, required in terms of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), within twenty-one (21) calendar days of commencement date Clause 15.2.1 is amended by replacing it with the following clause: Give the contractor possession of the site within ten (10) working days of the contractor complying with the terms of 15.1.4 Fixed: _____ Value related: _____ Time related: _____	Item			
	16 A16.0 ACCESS TO THE WORKS Clause 16.0 Fixed: _____ Value related: _____ Time related: _____				
	Carried to Collection Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14		R		

17	A17.0 CONTRACT INSTRUCTIONS Clause 17.0 Clause 17.1.11 is amended by deleting the words "and the appointment of nominated and selected subcontractors " Fixed: _____ Value related: _____ Time related: _____	Item			
18	A18.0 SETTING OUT OF THE WORKS Clause 18.0 Fixed: R _____ Value related: _____ Time related: _____	Item			
19	A19.0 ASSIGNMENT Clause 19.0 Fixed: _____ Value related: _____ Time related: _____	Item			
Carried to Collection				R	
Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

20	A20.0 NOMINATED SUBCONTRACTORS Clause 20.0 Clause 20.1.3 is amended by replacing it with the following: No clause Note: See item B9.1 hereinafter for adjustment of attendance on nominated subcontractors executing work allowed for under provisional sums Fixed: _____ Value related: _____ Time related: _____	Item			
21	A21.0 SELECTED SUBCONTRACTORS Clause 21.0 Clause 21 is amended by replacing it with: No clause Fixed: _____ Value related: _____ Time related: _____	Item			
22	A22.0 EMPLOYER'S DIRECT CONTRACTORS Clause 22.0 Fixed: _____ Value related: _____ Time related: _____	Item			
Carried to Collection					
Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

23	A23.0 CONTRACTOR'S DOMESTIC SUBCONTRACTORS Clause 23.0 Fixed: _____ Value related: _____ Time related: _____ <u>COMPLETION</u>	Item			
24	A24.0 PRACTICAL COMPLETION Clause 24.0 Fixed: _____ Value related: _____ Time related: _____	Item			
25	A25.0 WORKS COMPLETION Clause 25.0 Fixed: _____ Value related: _____ Time related: _____	Item			
26	A26.0 FINAL COMPLETION Clause 26.0 Clause 26.1.2 is amended by inserting "#" next to 26.1.2 Fixed: _____ Value related: _____ Time related: _____	Item			
Carried to Collection					
Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

27	A27.0 LATENT DEFECTS LIABILITY PERIOD Clause 27.0 Fixed: _____ Value related: _____ Time related: _____	Item			
28	A28.0 SECTIONAL COMPLETION Clause 28.0 Fixed: _____ Value related: _____ Time related: _____	Item			
29	A29.0 REVISION OF DATE FOR PRACTICAL COMPLETION Clause 29.0 Clause 29.2.5 is amended by replacing it with: No clause Fixed: _____ Value related: _____ Time related: _____	Item			
30	A30.0 PENALTY FOR NON-COMPLETION Clause 30.0 Fixed: _____ Value related: _____ Time related: _____	Item			
Carried to Collection					
Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					R

31	<u>PAYMENT</u> A31.0 INTERIM PAYMENT TO THE CONTRACTOR Clause 31.0 Clause 31.5.2 is amended by replacing "14.7.1" with "14.0" Clause 31.8 is amended by replacing it with the following two alternative clauses: Alternative A 31.8(A) Where a security is selected in terms of 14.1; 14.5 or 14.6, the value of the works in terms of 31.4.1 and materials and goods in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments: 31.8(A).1 Ninety-five per cent (95%) of such value in interim payment certificates issued up to the date of practical completion 31.8(A).2 Ninety-seven per cent (97%) of such value in interim payment certificates issued on the date of practical completion and up to but excluding the date of final completion 31.8(A).3 Ninety-nine per cent (99%) of such value in interim payment certificates issued on the date of final completion and up to but excluding the final payment certificate in terms of 34.6 31.8(A).4 One hundred per cent (100%) of such value in the final payment certificate in terms of 34.6 except where the amount certified is in favour of the employer. In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate Alternative B Carried to Collection Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			
----	--	--	--	--

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

31.8(B) Where security as a payment reduction in terms of 14.7 has been selected, the value of the works in terms of 31.4.1 and materials and goods in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments: 31.8(B).1 Ninety per cent (90%) of such value in interim payment certificates issued up to the date of practical completion 31.8(B).2 Ninety-seven per cent (97%) of such value in interim payment certificates issued on the date of practical completion and up to but excluding the date of final completion 31.8(B).3 Ninety-nine per cent (99%) of such value in interim payment certificates issued on the date of final completion and up to but excluding the final payment certificate in terms of 34.6 31.8(B).4 One hundred per cent (100%) of such value in the final payment certificate in terms of 34.6 except where the amount certified is in favour of the employer. In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate Clause 31.12 is amended by deleting the following: Payment shall be subject to the employer giving the contractor a tax invoice for the amount due Fixed: _____ Value related: _____ Time related: _____				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

32	A32.0 ADJUSTMENT TO THE CONTRACT VALUE Clause 32.0 Clauses 32.5.1, 32.5.4 and 32.5.7 are amended by the addition of the following at the end of the sentence: "due to no fault of the contractor" Fixed: _____ Value related: _____ Time related: _____	Item			
33	A33.0 RECOVERY OF EXPENSE AND LOSS Clause 33.0 Fixed: _____ Value related: _____ Time related: _____	Item			
34	A34.0 FINAL ACCOUNT AND FINAL PAYMENT Clause 34.0 Clause 34.1 is amended by removing "#" next to 34.1 Clause 34.2 is amended by inserting "#" next to 34.2 Clause 34.8 is amended by deleting the words "where security as a fixed construction guarantee in terms of 14.4 has been selected or where payment reduction has been applied in terms of 14.7.1" Clause 34.13 is amended by replacing "seven (7) calendar days" with "twenty-one (21) calendar days" and deleting the words "subject to the employer giving the contractor a tax invoice for the amount due" Fixed: _____ Value related: _____ Time related: _____	Item			
Carried to Collection			R		
Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

35	A35.0 PAYMENT TO OTHER PARTIES Clause 35.0 Fixed: _____ Value related: _____ Time related: _____				
36	A36.0 CANCELLATION BY EMPLOYER - CONTRACTOR'S DEFAULT Clause 36.0 Clause 36.1 is amended by the addition of the following clauses: 36.1.3 refuses or neglects to comply strictly with any of the conditions of contract 36.1.4 estate being sequestrated, liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa 36.1.5 in the judgement of the employer, has engaged in corrupt or fraudulent practices in competing for or in executing the contract Clause 36.3 is amended by removing the reference to "No clause" and replacing the words "principal agent" with "employer" Clause 36.0 is amended by the addition of the following clause:	Item			
	Carried to Collection Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14		R		

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

37	36.7 Notwithstanding any clause to the contrary, on cancellation of this agreement either by the employer or the contractor; or for any reason whatsoever, the contractor shall on written instruction, discontinue with the works on a date stated and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever Fixed: _____ Value related: _____ Time related: _____ A37.0 CANCELLATION BY EMPLOYER - LOSS AND DAMAGE Clause 37.0 Clause 37.3.5 is amended by replacing "ninety (90)" with "one hundred and twenty (120)" Clause 37.0 is amended by the addition of the following clause: 37.5 Notwithstanding any clause to the contrary, on cancellation of this agreement either by the employer or the contractor; or for any reason whatsoever, the contractor shall on written instruction, discontinue with the works on a date stated and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever Fixed: _____ Value related: _____ Time related: _____	Item		
	Carried to Collection		R	
	Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			

38	A38.0 CANCELLATION BY CONTRACTOR - EMPLOYER'S DEFAULT Clause 38.0 Clause 38.5.4 is amended by replacing "ninety (90)" with "one hundred and twenty (120)" Clause 38.0 is amended by the addition of the following clause: 38.7 Notwithstanding any clause to the contrary, on cancellation of this agreement either by the employer or the contractor; or for any reason whatsoever, the contractor shall on written instruction, discontinue with the works on a date stated and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever Fixed: _____ Value related: _____ Time related: _____	Item		
39	A39.0 CANCELLATION - CESSATION OF THE WORKS Clause 39.0 Clause 39.3.5 is amended by the addition of the following at the end of the sentence: "within one hundred and twenty (120) working days of completion of such a report" Fixed: _____ Value related: _____ Time related: _____	Item		
				R

Carried to Collection

Section No. 1
Bill No 1 - Preliminaries
PROVISIONAL BILLS OF QUANTITIES
BID NO: DOH08NWER003/CON14

40	<u>DISPUTE</u> A40.0 DISPUTE SETTLEMENT Clause 40.0 Clause 40.2.2 is amended by replacing "one (1) year" with "three (3) years" Clause 40.6 is amended by removing the reference to: No clause Clause 40.7.1 is amended by replacing "(10)" with "(15)" and by the addition of the following: Whether or not mediation resolves the dispute, the parties shall bear their own costs concerning the mediation and equally share the costs of the mediator and related costs Fixed: _____ Value related: _____ Time related: _____ <u>SUBSTITUTE PROVISIONS</u>	Item		
	41 A41.0 STATE CLAUSES Clause 41.0 Fixed: _____ Value related: _____ Time related: _____			
	Carried to Collection Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14		R	

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

42	<u>CONTRACT VARIABLES</u> A42.0 THE SCHEDULE (DPW-04EC) Clause 42.0 Tenderers are referred to the Contract Data C1.3 for variables pertaining to this contract Fixed: _____ Value related: _____ Time related: _____ Clause 42.0 - The schedule : Pre-tender information Information necessary for the completion of those clauses contained in the schedule which are necessary for tender purposes is given hereunder 42.1 CONTRACTING AND OTHER PARTIES 42.1.1 Employer: Department of Health (North West Province) INDEPENDENT DEVELOPMENT TRUST (NORTH WEST OFFICES) 4071 Joules Street Industrial Site MAHIKENG 2745 42.1.2 Agent (1) Project Manager Carried to Collection Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14	Item		
----	--	------	--	--

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

42.1.3 Agent (2): Architect				
42.1.4 Agent (3) Quantity Surveyors				
42.1.5 Agent (4) Civil and Structural Engineers				
42.1.6 Agent (5) Electrical Engineer				
42.1.7 Agent (6) Mechanical Engineer				
42.2 CONTRACT DETAILS				
Carried to Collection			R	
Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

42.2.1 Works Description:				
Additions, Renovations and Upgrades including Electrical, Mechanical and ICT at Koster Hospital in the Kgetlengrivier Local Municipality				
42.2.2 Site description - The site is located at the existing Koster Hospital in Koster within the Kgetlengrivier Local Municipality of the North West Province in the Republic of South Africa. The site address is as follows:				
1 Noord Street Koster 0348				
Coordinates:				
-25.85618° S 26.89439° E				
42.2.3 Work or installations by direct contractors:				
1. As described in the bills of quantities				
Carried to Collection				
Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			R	

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

42.2.4	This agreement is for a government contract where there are specific options that are applicable to a State organ only				
	1. The interest rate payable will be the prevailing rate determined by the South African Revenue Services from time to time				
	Yes				
	2. Lateral support insurance to be effected by the contractor				
	N/A				
	3. Payment will be made for materials and goods				
	Yes				
	4. Dispute resolution by litigation				
	No				
	5. Extended defects liability period applicable to the following elements:				
	<u>Mechanical Installation HVAC, 1 year plus 4years maintenance contract</u>				
	N/A				
42.2.5	Date on which possession of the site is intended to be given:				
	As indicated in the Schedules elsewhere				
42.2.6	Period for the commencement of the works after the contractor takes possession of the site				
	10 working days				
42.2.7	For the works as a whole . Intended date of practical completion and the penalty per calendar day				
	As indicated in the Schedules elsewhere				
	Penalty Amount 0.05% of contract value per day				
	Amount <i>R.....Penalty</i>				
	Carried to Collection				
	Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

42.2.8 For the works in sections : Intended date of practical completion and the penalty per calender day				
N/A				
42.2.9 The law applicable to this agreement shall be that of South Africa				
<u>42.3 INSURANCES</u>				
42.3.1 Contract works insurance to be effected by:				
<i>Contractor:</i>				
<i>For the Contract Sum plus 20%</i>				
<i>With a deductible of R 10,000.00.</i>				
42.3.2 Supplementary insurance is required: Existing buildings to be insured by the contractor for R20,000,000.00				
<i>With a deductible of R 10,000.00.</i>				
YES				
42.3.3 Public liability insurance to be effected by:				
<i>Contractor:</i>				
<i>For the Sum of R 5,000,000.00.</i>				
<i>With a deductible of of R5,000.00.</i>				
42.4.1 Waivers of contractors lien or right of continuing possession is required				
YES				
Carried to Collection			R	
Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

42.4 DOCUMENTS	42.4.2 Number of construction document copies to be supplied to the contractor free of charge:	3 Number of	42.4.3 Bills of Quantities/schedule of rates drawn up in accordance with the Standard System of Measuring Building Work - 1999 Sixth Edition (Revised) EXCEPT FOR Electrical and Mechanical Works which are measured in accordance with SABS 1200	42.4.4 On acceptance of the tender the bills of quantities/lump sum document is to be submitted within working days	5 Number of	42.4.5 JBCC Engineering General Conditions are to be included in the contract documents :	No	42.4.6 The contract value is to be adjusted using CPAP indices	YES	Base month for CPAP	MONTH WHICH	DURING TENDERS CLOSE	42.4.7 Details of changes made to the provision of JBCC standard documentation: [An addendum is to be attached should the space provided be insufficient]	Payment within 14 days in lieu of 7 days by employer	Carried to Collection	R	Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14
-----------------------	---	-------------	---	--	-------------	--	----	--	-----	---------------------	----------------	-------------------------	--	--	-----------------------	---	---

	<u>SECTION B: JBCC PRELIMINARIES</u> <u>B1.0 DEFINITIONS AND INTERPRETATION</u> 43 <i>B1.1 Definitions and interpretation</i> See also clause A1.0 of Section A for additional and/or amended definitions which shall apply equally to this Section Fixed: _____ Value related: _____ Time related: R _____ <u>B2.0 DOCUMENTS</u> 44 <i>B2.1 Checking of documents</i> Fixed: _____ Value related: _____ Time related: _____ 45 <i>B2.2 Provisional bills of quantities</i> Fixed: _____ Value related: _____ Time related: _____ 46 <i>B2.3 Availability of construction documentation</i> Fixed: _____ Value related: _____ Time related: _____ 47 <i>B2.4 Interests of agents</i> Fixed: _____ Value related: _____ Time related: _____ Carried to Collection Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14	Item Item Item Item Item		
			R	

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

48	B2.5 Priced documents Fixed: _____ Value related: _____ Time related: _____	Item			
49	B2.6 Tender submission Clause 2.6 is amended by replacing "JBCC Form of Tender" with "Form of Offer and Acceptance DPW-07(EC)" Fixed: _____ Value related: _____ Time related: _____	Item			
	<u>B3.0 THE SITE</u>				
50	B3.1 Defined works area Fixed: _____ Value related: _____ Time related: _____	Item			
51	B3.2 Geotechnical investigation Fixed: _____ Value related: _____ Time related: _____	Item			
52	B3.3 Inspection of the site Fixed: _____ Value related: _____ Time related: _____	Item			
	Carried to Collection			R	
	Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

53	B3.4 Existing premises occupied Fixed: _____ Value related: _____ Time related: _____	Item			
54	B3.5 Previous work - dimensional accuracy Fixed: _____ Value related: _____ Time related: _____	Item			
55	B3.6 Previous work - defects Fixed: _____ Value related: _____ Time related: _____	Item			
56	B3.7 Services - known Fixed: _____ Value related: _____ Time related: _____	Item			
57	B3.8 Services - unknown Fixed: _____ Value related: _____ Time related: _____	Item			
58	B3.9 Protection of trees Fixed: _____ Value related: _____ Time related: _____	Item			
Carried to Collection			R		
Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

59	B3.10 Articles of value Fixed: _____ Value related: _____ Time related: _____	Item			
60	B3.11 Inspection of adjoining properties Fixed: _____ Value related: _____ Time related: _____	Item			
	<u>B4.0 MANAGEMENT OF CONTRACT</u>				
61	B4.1 Management of the works Fixed: <u>R</u> Value related: <u>R</u> Time related: <u>R</u>	Item			
62	B4.2 Programme for the works Fixed: <u>R</u> Value related: _____ Time related: <u>R</u>	Item			
63	B4.3 Progress meetings Fixed: _____ Value related: _____ Time related: _____	Item			
64	B4.4 Technical meetings Fixed: _____ Value related: _____ Time related: _____	Item			
	Carried to Collection			R	
	Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

65	B4.5 Labour and plant records Fixed: _____ Value related: _____ Time related: _____	Item			
	<u>B5.0 SAMPLES, SHOP DRAWINGS AND MANUFACTURERS' INSTRUCTIONS</u>				
66	B5.1 Samples of materials Fixed: _____ Value related: _____ Time related: _____	Item			
67	B5.2 Workmanship samples Fixed: _____ Value related: _____ Time related: _____	Item			
68	B5.3 Shop drawings Fixed: _____ Value related: _____ Time related: _____	Item			
69	B5.4 Compliance with manufacturers' instructions Fixed: _____ Value related: _____ Time related: _____	Item			
	<u>B6.0 TEMPORARY WORKS AND PLANT</u>				
70	B6.1 Deposits and fees Fixed: _____ Value related: _____ Time related: _____	Item			
	Carried to Collection			R	
	Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

71	B6.2 Enclosure of the works Fixed: R _____ Value related: _____ Time related: R _____	Item			
72	B6.3 Advertising Fixed: _____ Value related: _____ Time related: _____	Item			
73	B6.4 Plant, equipment, sheds and offices Fixed: R _____ Value related: _____ Time related: R _____	Item			
74	B6.5 Main notice board Fixed: R _____ Value related: _____ Time related: _____	Item			
75	B6.6 Subcontractors' notice board Fixed: _____ Value related: _____ Time related: _____	Item			
	<u>B7.0 TEMPORARY SERVICES</u>				
76	B7.1 Location Fixed: _____ Value related: _____ Time related: _____	Item			
	Carried to Collection			R	
	Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

77	B7.2 Water Fixed: R _____ Value related: _____ Time related: R _____	Item			
78	B7.3 Electricity Fixed: R _____ Value related: _____ Time related: R _____	Item			
79	B7.4 Telecommunication facilities Fixed: R _____ Value related: _____ Time related: R _____	Item			
80	B7.5 Ablution facilities Fixed: R _____ Value related: _____ Time related: R _____	Item			
	<u>B8.0 PRIME COST AMOUNTS</u>				
81	B8.1 Responsibility for prime cost amounts Fixed: _____ Value related: _____ Time related: _____	Item			
	<u>B9.0 ATTENDANCE ON N/S SUBCONTRACTORS</u>				
82	B9.1 General attendance Fixed: _____ Value related: _____ Time related: _____	Item			
	Carried to Collection			R	
	Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

83	B9.2 Special attendance Fixed: _____ Value related: _____ Time related: _____	Item			
84	B9.3 Commissioning - fuel, water and electricity Fixed: _____ Value related: _____ Time related: _____	Item			
<u>B10.0 FINANCIAL ASPECTS</u>					
85	B10.1 Statutory taxes, duties and levies Fixed: _____ Value related: _____ Time related: _____	Item			
86	B10.2 Payment for preliminaries Fixed: _____ Value related: _____ Time related: _____	Item			
87	B10.3 Adjustment of preliminaries Clauses B10.3.1 and B10.3.2 are amended by replacing "within fifteen (15) working days of taking possession of the site " with "when submitting his priced bills of quantities / lump sum document " Fixed: _____ Value related: _____ Time related: _____	Item			
Carried to Collection			R		
Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

88	B10.4 Payment certificate cash flow Fixed: _____ Value related: _____ Time related: _____	Item			
	<u>B11.0 GENERAL</u>				
89	B11.1 Protection of the works Fixed: _____ Value related: _____ Time related: _____	Item			
90	B11.2 Protection / isolation of existing / sectionally occupied works Fixed: _____ Value related: _____ Time related: _____	Item			
91	B11.3 Security of the works Fixed: R _____ Value related: _____ Time related: R _____	Item			
92	B11.4 Notice before covering work Fixed: _____ Value related: _____ Time related: _____	Item			
93	B11.5 Disturbance Fixed: _____ Value related: _____ Time related: _____	Item			
	Carried to Collection			R	
	Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

94	B11.6 Environmental disturbance Fixed: _____ Value related: _____ Time related: _____	Item			
95	B11.7 Works cleaning and clearing Fixed: _____ Value related: _____ Time related: _____	Item			
96	B11.8 Vermin Fixed: _____ Value related: _____ Time related: _____	Item			
97	B11.9 Overhand work Fixed: _____ Value related: _____ Time related: _____	Item			
98	B11.10 Instruction manuals and guarantees Fixed: _____ Value related: _____ Time related: _____	Item			
99	B11.11 As built information Fixed: _____ Value related: _____ Time related: _____	Item			
Carried to Collection			R		
Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

100	B11.12 Tenant installations Fixed: _____ Value related: _____ Time related: _____			
101	<u>B12.0 SCHEDULE OF VARIABLES</u> B12.1 Schedule of variables Fixed: _____ Value related: _____ Time related: _____ This schedule contains all variables referred to in this document and is divided into pre-tender and post-tender categories. The pre-tender category must be completed in full and included in the tender documents. Both the pre-tender and post-tender categories form part of these Preliminaries Spaces requiring information must be filled in, shown as "not applicable" or deleted and not left blank. Where choices are offered, the non-applicable items are to be deleted. Where insufficient space is provided the information should be annexed hereto and cross-referenced to the applicable clause of the schedule. Key cross reference clauses are italicised in [] brackets 12.1 PRE-TENDER INFORMATION 12.1.1 Provisional bills of quantities [2.2] The quantities are provisional YES 12.1.2 Availability of construction documentation [2.3] <i>Construction documentation is complete</i> YES Carried to Collection Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14	Item	Item	

12.1.3 Interests of agents [2.4] Details:	Principal Agent				
	Studio E Architects				
	Architect				
	Studio E Architects				
	Quantity Surveyor				
	BKK Quantity Surveyors				
	Civil and Structural Engineers				
	Kgabagare Engineering Consultants				
	Electrical Engineers				
	BVI Consulting Engineers				
	Mechanical Engineers				
	Virtual Consulting Engineers				
12.1.4 Defined works area [3.1] Details: See site plan and restrictions of movement of personnel to be defined by the principal agent					
12.1.5 Geotechnical investigation [3.2] Details: A geotechnical investigation will be available from the project managers					
12.1.6 Existing premises occupied [3.4] Specific requirements: The Existing premises will be occupied for the duration of the contract and the contractor is to ensure that the occupants are not disturbed in anyway					
	Carried to Collection			R	
Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

12.1.7 Previous work - dimensional accuracy [3.5] Details: There are existing buildings on the premises and the contractor is urged to verify dimensions before proceeding with any works 12.1.8 Previous work - defects [3.6] Details:Unknown, but the contractor is to verify 12.1.9 Services - known [3.7] Details:There are all services in place 12.1.10 Protection of trees [3.9] Specific requirements: 12.1.11 Inspection of adjoining properties [3.11] Specific requirements: 12.1.12 Enclosure of the works [6.2] Specific requirements:The area of the works is to be fenced off and covered with shadenet 12.1.13 Offices [6.4.3] Specific requirements: The contractor shall provide, maintain and remove on completion of the works an office for the exclusive use of the principal agent, minimum size 4 x 3 x 3m high internally, suitably insulated and ventilated, provided with electric lighting and fitted with boarded floor, desk, chair, drawing stool, drawing board and lock-up drawers for drawings. The office shall be kept clean and fit for use at all times				

12.1.14 Main notice board	[6.5] Specific requirements: The contractor shall provide, erect where directed, maintain and remove on completion of the works a notice board size 3 x 3m as type Drawing GEN 063, constructed of suitable boarding with flat smooth surface and with edging bead 19mm thick round outer edges and projecting 12mm from face of boarding and rounded on front edge. The board shall be securely fixed to hoarding, where hoarding is provided, or fixed to and including a suitable supporting structure of timber or tubular posts and braces. The board is to be painted ivory white and the bead and 12mm wide dividing lines dark green. All wording shall be inscribed in dark green as per the coat of arms for SA. All wording shall be inscribed in dark green painted sans serif lettering			
12.1.15 Subcontractors' notice board	[6.6] A notice board is required NO Specific requirements:			
12.1.16 Water	[7.2] Option A (by contractor) YES Option B (by employer - free of charge) No Option C (by employer - metered) NO			
12.1.17 Electricity	[7.3] Option A (by contractor) YES Option B (by employer - free of charge) NO Option C (by employer - metered) NO			
Carried to Collection			R	
Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

12.1.18 Telecommunications	[7.4] Telephone	YES			
	Facsimile	YES			
	E-mail	YES			
12.1.19 Ablution facilities	[7.5] Option A (by contractor)	YES			
	Option B (by employer)	NO			
12.1.20 Protection of existing/sectionally occupied works	[11.2] Protection is required	YES			
12.1.21 Special attendance	[9.2] Subcontractor (1) details: None				
12.1.22 Protection of the works	[11.1] Specific requirements:				
12.1.23 Disturbance	[11.5] Specific requirements: The contractor shall keep the site, structures, etc well watered during operations to prevent dust and shall provide and erect and remove on completion of the works all necessary temporary dust screens all to the satisfaction of the principal agent				
12.1.24 Environmental disturbance	[11.6] Specific requirements:				
12.2 POST-TENDER INFORMATION					
Carried to Collection				R	
Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

12.2.1 Payment of preliminaries [10.2] Option A (prorated) YES/NO		12.2.2 Adjustment of preliminaries [10.3] Option A (three categories) YES/NO		12.2.3 Additional agreed preliminaries items Details:None	
Carried to Collection Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

102	SECTION C: SPECIFIC PRELIMINARIES Section C contains specific preliminary items which apply to this contract except where N/A (Not Applicable) appears against an item C1.0 CONTRACT DRAWINGS <i>bills of quantities</i> * The drawings issued with the tender documents do not comprise the complete set but serve as a guide only for tendering purposes and for indicating the scope of the work to enable the tenderer to acquaint himself with the nature and extent of the works and the manner in which they are to be executed Should any part of the drawings not be clearly understood by the tenderer he shall, before submitting his tender, obtain clarification in writing from the principal agent Fixed: _____ Value related: _____ Time related: _____	Item		
	C2.0 GENERAL PREAMBLES The document "Specification of Materials and Methods to be used (PW371)" is obtainable on the Department's website (http://www.publicworks.gov.za/ under "Consultants Guidelines"), and shall be read in conjunction with the bills of quantities / lump sum document and be referred to for the full descriptions of work to be done and materials to be used Fixed: _____ Value related: _____ Time related: _____			
Carried to Collection Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			R	

104	C3.0 TRADE NAMES Wherever a trade name for any product has been described in the bills of quantities / lump sum document, the tenderer's attention is drawn to the fact that any other product of equal quality may be used subject to the written approval of the principal agent being obtained prior to the closing date for submission of tenders If prior written approval for an alternative product is not obtained, the product described shall be deemed to have been tendered for Fixed: _____ Value related: _____ Time related: _____	Item		
105	C4.0 IMPORTED MATERIALS AND EQUIPMENT Where imported items are listed in the tender documents, the tenderer shall provide all the information called for, failing which the price of any such item, materials or equipment shall be excluded from currency fluctuations. (refer to Schedule of Imported Materials and Equipment DPW-23(EC) to be completed by tenderer) Notwithstanding any provisions elsewhere regarding the adjustment of contract prices, the price of any item, material or equipment listed in terms of this clause shall be excluded from the Contract Price Adjustment Provisions (if applicable) Fixed: _____ Value related: _____ Time related: _____	Item		
	Carried to Collection		R	
	Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

106	C5.0 VIEWING THE SITE IN SECURITY AREAS The site is situated in a security area and the tenderer must arrange with the unit commander or other responsible officer to obtain permission to enter the site for tendering purposes Fixed: _____ Value related: _____ Time related: _____	Item			
107	C6.0 COMMENCEMENT OF WORKS IN SECURITY AREAS As the works falls within a security area the contractor must give the unit commander or other responsible officer notice before commencement of the works. Should the contractor fail to make such arrangements, admission to the site may be refused and any additional costs will be for the contractor's account Fixed: _____ Value related: _____ Time related: _____	Item			
108	C7.0 ENTRANCE PERMITS TO SECURITY AREAS As the works falls within a security area the contractor shall obtain entrance permits for his personnel and workmen entering the area and shall comply with all regulations and instructions which may be issued from time to time regarding the protection of persons and property under the control of the Defence Force, Police or chief security officer Fixed: _____ Value related: _____ Time related: _____	Item			
Carried to Collection					
Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					R

109	C8.0 SECURITY CHECK OF PERSONNEL The principal agent may require the contractor to have his personnel and workmen, or a certain number of them, security classified In the event of the principal agent requesting the removal of a person or persons from the works for security reasons, the contractor shall do so forthwith and shall thereafter ensure that such person or persons are denied access to the works and the site and/or to any document or information relating to the works Fixed: _____ Value related: _____ Time related: _____	Item			
110	C9.0 PROHIBITION ON TAKING OF PHOTOGRAPHS In terms of article 119 of the Defence Act, 44 of 1957, it is prohibited to sketch or to take photographs of any military site or installation or any building or civil works thereon or to be in possession of a camera or other apparatus used for taking of photographs except when authorized thereto by or on behalf of the Minister The same prohibition is also applicable to all correctional institutions in terms of article 44.1(e) of the Correctional Services Act 8 of 1959 Fixed: _____ Value related: _____ Time related: _____	Item			
			</		

111	C10.0 HIV/AIDS AWARENESS It is required of the contractor to thoroughly study the HIV/AIDS Specification (PW 1544) of the Department that must be read together with and is deemed to be incorporated under this Section of the bills of quantities / lump sum document. Provision for pricing of HIV/AIDS awareness is made under items C10.1 to C10.5 hereafter and it is explicitly pointed out that all requirements of the aforementioned specification are deemed to be priced hereunder, as the said items represent the only method of measurement and no additional items or extras to the contract in this regard shall be entertained The contractor must take note that compliance with the HIV/AIDS Specification is compulsory. In the event of partial or total non-compliance, the principal agent, notwithstanding the provisions of clause A 31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment C10.1 AWARENESS CHAMPION Selection, appointment, briefing and making available of an Awareness Champion including provision of all relevant services, all in accordance with the HIV/AIDS Specification Fixed: _____ Value related: _____ Time related: _____ Carried to Collection Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14	Item		
-----	---	------	--	--

C10.2 AWARENESS WORKSHOPS Selection and appointment of a competent Service Provider approved by the principal agent, provision of a Service Provider Workshop Plan and a suitable venue, conducting of awareness workshops by means of traditional and/or modern multi-media techniques, including follow-up courses, making available all tuition material and performing assessment procedures, all in accordance with the HIV/AIDS Specification Fixed: _____ Value related: _____ Time related: _____	Item	
C10.3 POSTERS, BOOKLETS, VIDEOS, ETC. Provision, displaying, maintaining and replacing when necessary of four plastic laminated posters, booklets and educational videos, etc. for the duration of the construction period, all in accordance with the HIV/AIDS Specification Fixed: _____ Value related: _____ Time related: _____	Item	
C10.4 ACCESS TO CONDOMS Provision and maintenance of condom dispensers fixed in position, including male and female condoms, replenishing male and female condoms on a daily basis as required for the duration of the construction period, all in accordance with the HIV/AIDS Specification Fixed: _____ Value related: _____ Time related: _____	Item	
Carried to Collection		R
Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14		

C10.5 MONITORING Monitoring HIV/AIDS awareness of workers, providing the principal agent with access to information including making available all reports, thoroughly completed and reflecting the correct information, for the duration of the construction period and close out, all in accordance with the HIV/AIDS Specification Fixed: _____ Value related: _____ Time related: _____	Item		

112	C11.0 OCCUPATIONAL HEALTH AND SAFETY ACT The contractor shall comply with all the requirements set out in the Construction Regulations, 2003 issued under the Occupational Health and Safety Act, 1993 (Act No 85 of 1993) It is required of the contractor to thoroughly study the Health and Safety Specification that must be read together with and is deemed to be incorporated under this Section of the bills of quantities / lump sum document The contractor must take note that compliance with the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is compulsory. In the event of partial or total non-compliance, the principal agent, notwithstanding the provisions of clause A31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment Provision for pricing of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is made under this clause and it is explicitly pointed out that all requirements of the aforementioned are deemed to be priced hereunder and no additional claims in this regard shall be entertained Fixed: R _____ Value related: _____ Time related: R _____ Carried to Collection Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14	Item		
-----	--	------	--	--

113	C12.0 METHODOLOGY STATEMENT AND PLAN The contractor shall prepare and submit together with his tender a complete statement of the methodology to be used for the construction and completion of the project It is required of the contractor to thoroughly study the plans and ensure that the plan is comprehensive in all aspects for the employer to adjudicate the the tender fairly. There will be a compulsory site inspection The contractor must take note that premises are currently occupied as the Hospital will remain in operation throughout the duration of the contract. The contractor must make all prior necessary arrangements with the hospital and the principal agent should they work in areas where the hospital activities are in use. The contractor and personnel should under no circumstances cause disturbance to the functioning of the hospital It is explicitly pointed out that all requirements of the aforementioned are deemed to be priced hereunder and no additional claims in this regard shall be entertained Fixed: _____ Value related: _____ Time related: _____ Carried to Collection Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14	Item			
-----	---	------	--	--	--

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>SECTION D - CONTRACT SKILLS DEVELOPMENT GOAL</u>					
114	COMMUNITY EMPOWERMENT 'IDT' has taken a strategic decision to promote transformation in line with its SCM Policy. Based on the above tenderer must promote Supplier Development through involving Small Business Enterprises residing within the municipal ward Fixed: _____ Value related: _____ Time related: _____	Item			
115	DEVELOPMENT PROGRAMME 'IDT' has taken a strategic decision to promote community development in line with its SCM Policy. Based on the above tenderer must promote Supplier Development through involving Small Business Enterprises residing within the municipal ward. Special reference is made to the Contract Data section in terms of sub-contracting Fixed: _____ Value related: _____ Time related: _____	Item			
116	The Employer shall determine the amount to be paid to the Enterprise Development Co-Ordinator for the Contract Participation Goal (CPG) on the contract and this amount shall be stated under the section Enterprise Development	Item			
117	The contractor shall be paid as follows: These are recommended rates, client may change depending on the location of the project, complexity etc.	Item			
118	Needs analysis and enterprise development plan per targeted enterprise	Item		10 000.00	
Carried to Collection			R		
Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

119	Mentor and interim reporting per targeted enterprise, reports will be requested quarterly for the duration of 22 months	Item		240 000.00	
120	Project completion report per targeted enterprise	Item		10 000.00	
Carried to Collection Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					
				R	

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Section No. 1				
Bill No. 1				
Bill No 1 - Preliminaries				
<u>COLLECTION</u>				
	Page No		Amount	
Total Brought Forward from Page No.	141			
Total Brought Forward from Page No.	142			
Total Brought Forward from Page No.	143			
Total Brought Forward from Page No.	144			
Total Brought Forward from Page No.	145			
Total Brought Forward from Page No.	146			
Total Brought Forward from Page No.	147			
Total Brought Forward from Page No.	148			
Total Brought Forward from Page No.	149			
Total Brought Forward from Page No.	150			
Total Brought Forward from Page No.	151			
Total Brought Forward from Page No.	152			
Total Brought Forward from Page No.	153			
Total Brought Forward from Page No.	154			
Total Brought Forward from Page No.	155			
Total Brought Forward from Page No.	156			
Total Brought Forward from Page No.	157			
Total Brought Forward from Page No.	158			
Total Brought Forward from Page No.	159			

Carried Forward

R

Section No. 1

Bill No 1 - Preliminaries

PROVISIONAL BILLS OF QUANTITIES

BID NO: DOH08NWER003/CON14

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Section No. 1				
Bill No. 1				
Bill No 1 - Preliminaries				
<u>COLLECTION</u>				
	Page No		Amount	
Brought Forward		R		
Total Brought Forward from Page No.	160			
Total Brought Forward from Page No.	161			
Total Brought Forward from Page No.	162			
Total Brought Forward from Page No.	163			
Total Brought Forward from Page No.	164			
Total Brought Forward from Page No.	165			
Total Brought Forward from Page No.	166			
Total Brought Forward from Page No.	167			
Total Brought Forward from Page No.	168			
Total Brought Forward from Page No.	169			
Total Brought Forward from Page No.	170			
Total Brought Forward from Page No.	171			
Total Brought Forward from Page No.	172			
Total Brought Forward from Page No.	173			
Total Brought Forward from Page No.	174			
Total Brought Forward from Page No.	175			
Total Brought Forward from Page No.	176			
Total Brought Forward from Page No.	177			
Carried Forward		R		
Section No. 1				
Bill No 1 - Preliminaries				
PROVISIONAL BILLS OF QUANTITIES				
BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Section No. 1				
Bill No. 1				
Bill No 1 - Preliminaries				
<u>COLLECTION</u>				
	Page No		Amount	
Brought Forward		R		
Total Brought Forward from Page No.	178			
Total Brought Forward from Page No.	179			
Total Brought Forward from Page No.	180			
Total Brought Forward from Page No.	181			
Total Brought Forward from Page No.	182			
Total Brought Forward from Page No.	183			
Total Brought Forward from Page No.	184			
Total Brought Forward from Page No.	185			
Total Brought Forward from Page No.	186			
Total Brought Forward from Page No.	187			
Total Brought Forward from Page No.	188			
Total Brought Forward from Page No.	189			
Total Brought Forward from Page No.	190			
Total Brought Forward from Page No.	191			
Total Brought Forward from Page No.	192			
Total Brought Forward from Page No.	193			
Total Brought Forward from Page No.	194			
Total Brought Forward from Page No.	195			
Carried Forward		R		
Section No. 1				
Bill No 1 - Preliminaries				
PROVISIONAL BILLS OF QUANTITIES				
BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Section No. 1 Bill No. 1 Bill No 1 - Preliminaries <u>COLLECTION</u>				
	Page No		Amount	
Brought Forward		R		
Total Brought Forward from Page No.	196			
Total Brought Forward from Page No.	197			
Total Brought Forward from Page No.	198			
Total Brought Forward from Page No.	199			
Total Brought Forward from Page No.	200			
Carried to Final Summary		R		
Section No. 1 Bill No 1 - Preliminaries PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No		Quantity	Rate	Amount
	<u>BILL NO. 1</u> <u>DEMOLITIONS</u> <u>(WORK GROUP 102)</u> <u>PREAMBLES</u>For preambles refer to <u>"Department of Public Works: Specification of Materials and Method to be used - PW371"</u>			
	<u>SUPPLEMENTARY PREAMBLES</u> <u>Allow for the following requirements to the satisfaction of the Principal Agent</u> <u>Site visit</u> Tenderers are to visit and view the site and existng structures to be demolished to thoroughly acquaint themselves with the nature of demolitions, the nature and extent of the work and the conditions under which the works are to be done <u>Existing structures</u> In taking down and removing existing work, the utmost care shall be observed to prevent any structural or other damage to the adjoining buildings and the Contractor shall provide all shoring, needling, strutting, etc. to ensure the stability of all structures during the alteration work. Any damage, deforming and/or defaced to the structure and/or building as well as the rectification of same will be for the Contracor's account.			
	Carried to Collection		R	
	Section No. 2 Bill No 1 - Alterations PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>Disposal of debris</u> The Contractor shall be responsible for the regular cleaning away all rubble, debris, rubbish, unusable materials, etc. as the work proceeds and for leaving the works in a clean and satisfactory state upon completion suitable for use and occupation, including all necessary labour, materials or plant, etc. for so doing <u>Existing Services</u> Special care shall be exercised during the progress of the work to ensure that electrical installation, water supply pipes, telephone and other services which may be encountered are not interfered with and notice shall be given to the Representative Agent if any disconnection or alterations become necessary. Any damage to such services shall be to the contractors account <u>Dust and noise</u> The Contractor is to take all necessary precautions, to minimise noise levels and frequently watering of the works to minimise any nuisance from dust and to ensure the least interference with the general routine of the occupants and operation of the premises including all necessary labour, materials, etc. for so doing and <u>Old materials</u> Old materials from the alterations, except where described shall remain the property of the client. <u>Old materials to be carted away</u> Old materials from the alterations, except where described to be re-used or handed over, as well as all rubbish, etc. must regularly be carted away from site and not be allowed to accumulate on or around the site.				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>Handing over of materials</u>	Where certain materials or articles from demolitions or alterations are described as to be handed over by the Contractor to the Representative/ Agent, such materials or articles shall be properly stored by the Contractor until handing over thereof. The Contractor must obtain an official receipt listing materials or articles and dates of handing over. If the Contractor fails to submit the receipt when requested, it shall be deemed that the materials or articles are still in his possession and he will be held liable to the Client for the full replacement value thereof, which amount will be deducted from any monies due to the Contractor.	<u>Temporary support to openings through existing walls</u>	Making openings, altering openings in existing walls and removing lintols above existing openings shall be done with the utmost care to prevent any structural damage. All necessary supports, propping, shoring, needling strutting, turning pieces, etc. to wall openings is deemed to be included in the Contractor's rates.	<u>Electrical And Mechanical</u>	Where items include for taking down electrical and mechanical fittings the disconnection and making safe electrically is deemed to be included. Contractor to note items with bar-codes (asset numbers) cannot be removed without prior arrangement with authorities	NOTE:-	Contractor to note that items with bar-codes, cannot be disposed or removed from site prior to arranging with Hospital Authorities	Carried to Collection	R	Section No. 2	Bill No 1 - Alterations	PROVISIONAL BILLS OF QUANTITIES	BID NO: DOH08NWER003/CON14
--	---	---	--	--	---	---------------	---	-------------------------------------	----------	----------------------	--------------------------------	---	--

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>TEMPORARY BARRIERS, SCREENS, ETC</u>					
<u>Temporary barriers, screens, etc including removal on completion (LI)</u>					
1	Supply, erect, alter as necessary, maintain all necessary suitable hoardings approximately 2,7m high complete with temporary tarpaulins, fencing, safety screens, barriers, guard railing, access gates, etc. as necessary during the progress of the works and the protection of the occupants of the premises, including all necessary labour, materials, etc for so doing and remove same upon completion when so directed.	m	2 600.00		
<u>DEMOLITIONS</u>					
<u>Demolish and cart away to a dump site to be located by the contractor, including isolating electrical supply and blanking off water- and sewer supplies - Rates to include all machinery used for the tasks</u>					
2	Existing mortuary	m2	30		
3	Guard house	m2	11		
4	Incinerator building	m2	30		
5	Temporal OPD Building (Parkhome)	m2	150		
6	Steel carports including IBR roof covering	m2	126		
7	Steel walkways including IBR roof covering	m2	540		
<u>Take up and removing existing road surface</u>					
8	250mm Thick reinforced concrete roads (including kerbs) and courtyards	m2	1 810		
<u>REMOVAL OF EXISTING WORK (LI)</u>					
Carried to Collection				R	
Section No. 2 Bill No 1 - Alterations PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>NOTE: All materials from demolitions/excavations marked from carting away shall be cart at designated Municipal dumping site and proof of dumping to be submitted to the Safety / Enviromental officer</u>				
	<u>Breaking up and removing mass concrete including cart away</u>				
9	Concrete slabs in open areas etc	m3	12		
10	Slabs, aprons and channels etc	m3	203		
	<u>Taking up and removing vinyl tiles/sheeting floor coverings, ceramic tiles, concrete tiles, carpeting, etc (LI)</u>				
11	Floor tiles including preparing floor to receive new floor finish (elsewhere measured)	m2	210		
12	Vinyl tile/sheeting floor covering including preparing screed for new floor covering (elsewhere)	m2	3 255		
13	Vinyl tile/sheeting wall covering including preparing screed for new floor covering (elsewhere)	m2	240		
14	Epoxy floor covering including preparing screed for new floor covering (elsewhere)	m2	79		
15	Skirting on vertical wall substrate	m	775		
	<u>Taking up and removing paint and prepare surfaces to receive new paint (elsewhere measured) (LI)</u>				
16	Plaster from walls	m2	379		
Carried to Collection				R	
Section No. 2 Bill No 1 - Alterations PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>Remove loose paint by scraping, grinding and clean existing wall substrate plater with suger soap powder and fill all indents with polycell Polyfilla. Sand smooth when dry (Elsewhere measured) and cart away all materials arising (LI)</u>				
17	Internal walls	m2	3 780		
	<u>Taking out and removing doors, windows, etc from half brick wall to be demolished and making good of surfaces where removed.</u>				
18	Single door frame and door.	No	17		
19	Double door frame and door.	No	10		
	<u>Taking out and removing doors, windows, etc from one brick wall to be demolished and making good of surfaces where removed.</u>				
20	Single door	No	9		
21	Double door	No	5		
22	Single door frame and door.	No	87		
23	Double door frame and door.	No	30		
24	Aluminium shop front size 6000 x 1200mm high	No	2		
25	Aluminium shop front size 8000 x 3000mm high	No	2		
	<u>Breaking down and removing brickwork etc. and making good of surfaces where removed.</u>				
26	Half brick wall	m2	489		
27	One brick wall	m2	486		
Carried to Collection				R	
Section No. 2 Bill No 1 - Alterations PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>Breaking down and removing Drywall partition etc. and making good of surfaces where removed.</u>					
28	Drywall partition	m2	161		
<u>Remove paint and prepare surface to receive new paint</u>					
29	Steel door frame	m2	39		
<u>Taking out and removing brick built in cupboards, kitchen units, tops, etc (LI)</u>					
30	Cupboards comprising CCFS frame and timber doors, timber shelving and make good surfaces (Size 6000mm X 2140)	No	23		
31	Counter table 3100mm long x 600mm wide x 880mm high	No	25		
32	Bench 2300mm long x 600mm wide x 450mm high	No	18		
33	Bench 1000mm long x 600mm wide x 450mm high	No	8		
34	Sink cupboard 1500mm long x 600mm wide x 880mm high	No	14		
35	Joinery, associated fittings and worktop	m2	540		
<u>Taking out and removing sanitary fittings and making good of surfaces where removed.</u>					
36	Single bowl sink including fittings, pipes, etc.	No	15		
37	Carefully take out and remove Urinal including fittings, pipes, etc.	No	16		
38	Carefully take out and remove WC including fittings, pipes, etc.	No	34		
39	Carefully take out and remove WHB including fittings, pipes, etc.	No	53		
Carried to Collection				R	
Section No. 2 Bill No 1 - Alterations PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

40	Carefully take out and remove sluicehopper including fittings, pipes, etc.	No	5		
41	Carefully take out and remove bedpan including fittings, pipes, etc.	No	15		
	<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc as per Building Regulation and making good of surfaces where removed.</u>				
42	Gypsum plaster board ceilings	m2	3 300		
43	Corrugated/IBR Roof sheeting	m2	5 304		
44	Timber roof trusses complete	m2	3 300		
	<u>Hacking up/off and removing ceramic tile wall finishes including removing mortar bed or backing and preparing concrete or brick surfaces for new plaster or tile finishes (LI)</u>				
45	Wall Ceramic tiles splashback	m2	322		
46	Ceramic floor tiles	m2	601		
	<u>Take out/off remove and dispose the following electrical/mechanical existing works. (LI)</u>				
47	Decommission and remove existing electrical installation equipment		Item		
48	Decommission and remove existing mechanical installation equipment		Item		
	<u>RE - DIRECTING OF EXISTING WORK UNDERGROUND SERVICES</u>				
49	Allow an amount of R 200,000.00 for carefully excavating existing services, making temporary connections and re-directing of services to other surrounding structures to the satisfaction of the principal agent		Item		
Carried to Collection				R	
Section No. 2 Bill No 1 - Alterations PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

50	<u>MAKING GOOD OF FINISHES ETC</u> Allow an amount of R 250,000.00 for making good complete all trades or services disturbed to other surrounding structures arising from demolition works to the satisfaction of the principal agent Carried to Collection Section No. 2 Bill No 1 - Alterations PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14	Item		
----	--	------	--	--

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Section No. 2				
Bill No. 1				
Bill No 1 - Alterations				
<u>COLLECTION</u>				
	Page No		Amount	
Total Brought Forward from Page No.	205			
Total Brought Forward from Page No.	206			
Total Brought Forward from Page No.	207			
Total Brought Forward from Page No.	208			
Total Brought Forward from Page No.	209			
Total Brought Forward from Page No.	210			
Total Brought Forward from Page No.	211			
Total Brought Forward from Page No.	212			
Total Brought Forward from Page No.	213			

Carried Forward to Summary of Section No. 2

R

Section No. 2

Bill No 1 - Alterations

PROVISIONAL BILLS OF QUANTITIES

BID NO: DOH08NWER003/CON14

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No		Quantity	Rate	Amount
	<u>BILL NO. 2</u> <u>EARTHWORKS (PROVISIONAL)</u> <u>(WORK GROUP 104)</u> PREAMBLESFor preambles refer to "Department of Public Works: Specification of Materials and Method to be used - PW371"			
	<u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> <u>Filling material (General)</u> It will be, at all times, required from the Contractor to apply and execute strict quality control on all filling material used Samples of potential fill materials obtained from excavations, trench excavations, etc,are to be submitted to and approved by the Engineer prior the re-use thereof as "filling" All filling obtained from a commercial source should comply to a minimum G6 standard and to be approved by Engineer before haulage to site. Should any material be found unsuitable and the use thereof be disapproved, such material shall be disposed and approved material must be sourced and imported. Filling in general shall be compacted to the prescribed percentage Mod AASHTO density			
	Carried to Collection		R	
	Section No. 2 Bill No 2 - Earthworks PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			

<u>Filling to form earth mattresses, in sub-layers, under floors, etc</u> All filling in layers under surface beds, in sub-layers, to form earth mattresses, etc. shall be done with materials specified and according to methods prescribed by the SABS 1200ME Sub-base Specification. The aforesaid specification was drawn up to cover activities normally encountered on civil engineering work, which is equally applicable on the filling details and requirements prescribed for this project The said specification, although not issued with, shall be regarded to form part of these Bills of Quantities. The Contractor shall obtain a copy of the said specification from the South African Bureau of Standards and be kept on site at all times <u>CBR and Indicator tests</u> Density tests for monitoring filling shall be done at the minimum prescribed frequencies per each 150mm thick layer of filling placed. The Contractor is to note that all necessary tests (i.e CBR and indicator tests, etc) are to be conducted for all filling material, whether obtained from the excavations or to be imported from an approved commercial source. Results of these tests are to be submitted to and approved by Engineer prior commencement of any placement thereof and/or filling done therewith					
</					

	<u>Density test</u> It will be required from the Contractor to execute density tests for monitoring filling at the following minimum frequencies per each filling layer placed: - Filling under surface beds 1 Test per 25m2 plan area per each 150mm thick layer - Filling behind retaining walls: 1 Test per each 10m length of retaining wall Results of density test executed are to be submitted to and approval obtained from the Engineer prior commencement of any subsequent fill layers and/or other work				
	Carried to Collection		R		
	Section No. 2 Bill No 2 - Earthworks PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>Carting away of excessive and/or unsuitable excavated material</u> Descriptions for "carting away excessive or unsuitable excavated material from site" shall be deemed to include the loading and hauling of excessive or unsuitable excavated material to a suitable dumping site, which has to be located by the Contractor, off the hospital premises The location of the intended dumping site will be subjected to the prior written approval of the local authority (Municipality) All materials for excavations marked for caring away shall be cart at Municipal designated dumping site and proof of dumping to be submitted to the Safety / Enviromental officer The contractor will also be liable to remove upon completion, rehabilitate all those areas of the dumping site used for dumping/spoiling by grading the area to follow the adjacent ground contours and afterwards compacted to 80% Mod AASHTO density, all to the full satisfaction of the Engineer/Principal Agent Tendered rates must make provision for the above-mentioned as no additional claims in this regard will afterwards be entertained <u>NOTE: All materials from excavations marked from carting away shall be cart at Municipal designated dumping site and proof of dumping to be submitted to the Safety / Enviromental officer</u> <u>SITE CLEARANCE ETC</u> <u>Site clearance</u> <table><tr><td>1</td><td>Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc</td><td>m2</td><td>1 600</td></tr><tr><td>2</td><td>Stripping average 150mm thick layer of top soil and stockpiling on site</td><td>m2</td><td>1 600</td></tr></table> Carried to Collection Section No. 2 Bill No 2 - Earthworks PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14		1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m2	1 600	2	Stripping average 150mm thick layer of top soil and stockpiling on site	m2	1 600																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			</
1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m2	1 600																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
2	Stripping average 150mm thick layer of top soil and stockpiling on site	m2	1 600																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>EXCAVATION, FILLING, ETC</u>					
<u>Excavation in earth not exceeding 2m deep</u>					
3	Reduced levels under floors	m3	480		
<u>EXCAVATIONS, FILLING, ETC,</u>					
<u>Excavate in earth below natural ground level, reduced or made up ground level, not exceeding 2m deep, for:</u>					
4	Trenches	m3	480		
5	Holes	m3	12		
<u>Extra over trench and hole excavations in earth for excavation in</u>					
6	Soft rock	m3	48		
7	Hard rock	m3	24		
<u>Extra over all excavations for carting away</u>					
8	Surplus or unwanted excavated material to stock piles on site or to a dumping site to be located by the contractor	m3	97		
<u>Risk of collapse of excavations</u>					
9	Sides of trench excavations not exceeding 1,5m deep	m2	1 320		
10	Sides of hole excavations not exceeding 1,5m deep	m2	48		
<u>Keeping excavations free of water</u>					
11	Allow for bailing, pumping or otherwise keeping all excavations free from water		Item		
<u>Earth filling obtained from the excavations compacted to 93% Mod AASHTO density</u>					
12	In backfilling to trenches, holes, etc	m3	383		
Carried to Collection				R	
Section No. 2 Bill No 2 - Earthworks PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

13	Under floors, steps, pavings, etc	m3	2		
	<u>Approved earth filling supplied by the contractor, spread, levelled, watered, and compacted to 95% Mod AASHTO density in layers not exceeding 150mm thick (Rate/m3 shall be for compacted material and not loose material)</u>				
14	Under floors, steps, pavings, etc	m3	455		
15	Under floors to form ramps	m3	11		
	<u>Sand bed</u>				
16	50mm Thick dry, clean, washed river sand layer evenly spread over filling (elsewhere), levelled, watered and rammed to receive waterproofing membrane (elsewhere) under solid floors	m2	1 300		
	<u>Compaction of surfaces</u>				
17	Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 100% Mod AASHTO density	m2	1 300.0		
	<u>Prescribed density tests on filling (no payment for compaction shall be allowed until compaction results are produced, only results which have passed the test shall be paid for)</u>				
18	Modified AASHTO Density test	No	36		
	<u>SOIL POISONING</u>				
	<u>Approved insecticide solutions shall be mixed on site in the presence of clerk of works/engineer/principal agent in strict accordance with the manufacturers/suppliers specifications</u>				
	<u>Soil insecticide under a 5 year guarantee by an approved firm of registered specialists</u>				
19	To bottom and sides of trenches, holes etc	m2	1 584		
				R	
Carried to Collection Section No. 2 Bill No 2 - Earthworks PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

20	Under floors etc including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m2	1 300
21	Under aprons,etc	m2	320
	Weedkiller, "Hyvar X' or other approved by a firm of specialist		
22	Under aprons,etc	m2	320
Carried to Collection			
Section No. 2 Bill No 2 - Earthworks PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Section No. 2				
Bill No. 2				
Bill No 2 - Earthworks				
<u>COLLECTION</u>				
	Page No		Amount	
Total Brought Forward from Page No.	215			
Total Brought Forward from Page No.	216			
Total Brought Forward from Page No.	217			
Total Brought Forward from Page No.	218			
Total Brought Forward from Page No.	219			
Total Brought Forward from Page No.	220			
Total Brought Forward from Page No.	221			

Carried Forward to Summary of Section No. 2

R

Section No. 2

Bill No 2 - Earthworks

PROVISIONAL BILLS OF QUANTITIES

BID NO: DOH08NWER003/CON14

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No		Quantity	Rate	Amount	
	<u>BILL NO. 3</u> <u>CONCRETE, FORMWORK AND REINFORCEMENT</u> <u>(WORK GROUP 110)</u> <u>PREAMBLES</u>For preambles refer to <u>"Department of Public Works: Specification of Materials and Method to be used - PW371"</u> <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax				
	Carried to Collection Section No. 2 Bill No 3 - Concrete, formwork and reinforcement PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14		R		

SUPPLEMENTARY PREAMBLES

Concrete test cubes

Descriptions and tendered rates for concrete strength test cubes, as required under clause 7, "Tests" of SABS 1200 G, shall be deemed to cater for all the cost of providing cube moulds necessary for the purpose, making, storing and sending thereof to an approved laboratory for testing, paying all charges in connection therewith and for submitting test results to Principal Agent

All concrete strength test cubes, each 150 x 150 x 150mm shall be prepared in a set of three

It will be required from the contractor to prepare concrete strength test cube sets for each section (radiology, dental etc) at the following minimum frequencies:

- One set of three cubes for every 20m3, or part thereof, of concrete cast per day,

or

- One set of three cubes for each batch of concrete cast per event as directed by the Clerk Of Works.

All concrete strength test cubes shall be done on site regardless of ready mix and shall be labelled and the identity thereof (ie. date, concrete strength type, position where batch was cast relative to the area and section identity) shall be properly recorded for future reference.

Carried to Collection

R

Section No. 2

Bill No 3 - Concrete, formwork and reinforcement

PROVISIONAL BILLS OF QUANTITIES

BID NO: DOH08NWER003/CON14

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>Formwork</u> Descriptions of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent") for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and reconditioning as necessary before re-use The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself Formwork to sides of bases, pile caps, ground beams, etc. will only be measured where it is prescribed by the Principal Agent for design reasons. Formwork necessitated by irregularities or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision which is made for in "Earthworks"					
	<u>Test Blocks (Provisional)</u> 1 Making of 150 x 150 x 150mm concrete strength test cube in sets of three, label and send to an approved laboratory for testing, including paying all charges and submit report to the Principal agent. (Only successful tests will be paid for) Sets		40			
	<u>MASS CONCRETE</u> <u>Unreinforced concrete vertically to foundation walls</u> <u>20MPa/19mm concrete</u>					
2	Surface blinding under strip footing and column bases	m3	7			
3	In aprons cast in panels	m3	37			
4	In channels	m3	50			
Carried to Collection				R		
Section No. 2 Bill No 3 - Concrete, formwork and reinforcement PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14						

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>25MPa/19mm concrete</u>				
5	Cast against excavated surfaces	m3	2		
	<u>CONCRETE</u>				
	<u>REINFORCED CONCRETE</u>				
	<u>Reinforced concrete with a coarse aggregate of 19mm and a minimum compressive strength of 30MPa at 28 days</u>				
6	In strip footings against excavated surfaces	m3	164		
7	In bases against excavated surfaces	m3	3		
8	In ramps	m3	11		
9	In surface beds cast in bays over waterproofing membrane (elsewhere)	m3	159		
	<u>Reinforced concrete with a coarse aggregate of 19mm and a minimum compressive strength of 30MPa at 28 days</u>				
10	Suspended Slabs	m3	9		
11	Beams and inverted beams	m3	27		
12	Ring beams	m3	12		
13	Gutters	m3	7		
14	Columns	m3	2		
	<u>SUNDRIES</u>				
	<u>Finishing surfaces of concrete smooth with a woodfloat</u>				
15	Surface beds, slabs, etc	m2	1 300		
16	Aprons, slabs, etc	m2	320		
	Carried to Collection			R	
	Section No. 2				
	Bill No 3 - Concrete, formwork and reinforcement				
	PROVISIONAL BILLS OF QUANTITIES				
	BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

17	<u>Finishing top surfaces of concrete to form anti-skid finish</u> Ramp, etc m2 20 Carried to Collection Section No. 2 Bill No 3 - Concrete, formwork and reinforcement PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				
----	--	--	--	--	--

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>FORMWORK</u>					
<u>(WORK GROUP 111)</u>					
<u>ROUGH FORMWORK (DEGREE OF ACCURACY III)</u>					
<u>Rough formwork to</u>					
18	Soffit of slabs propped up exceeding 1.5m and not exceeding 3.5m high	m2	30		
19	Sides of beams and inverted beams	m2	188		
20	Sides of columns	m2	19		
21	Sides ring beams exceeding 1.5 and not exceeding 3.5m high	m2	54		
22	Sides and soffit of gutters	m2	45		
23	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	170		
24	25 x 25mm Chamfers along top/bottom of beam	m	122		
25	110mm Diameter to form hole for cable sleeves	No	13		
26	160mm Diameter to form hole for cable sleeves	No	7		
<u>Sundries</u>					
27	300mm Hoop iron anchors shot pinned to concrete and built into brickwork	No	250		
<u>MOVEMENT JOINTS ETC</u>					
<u>Expansion joints</u>					
28	Movement joint not exceeding 300mm high formed of 20mm polystyrene placed vertically in position between concrete surface including approved sealant	m	120		
Carried to Collection				R	
Section No. 2					
Bill No 3 - Concrete, formwork and reinforcement					
PROVISIONAL BILLS OF QUANTITIES					
BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

29	<u>Movement joints</u> Isolation joint formed of 15mm bitumen impregnated softboard not exceeding 300mm high built in vertically between brickwork and concrete and sealed with polysulphide sealing compound externally	m	1 364	
	<u>Saw cut joints including polysulphide sealing compound</u> 3mm Wide x 40mm Deep saw cut joints in top of concrete	m	1 400	
Carried to Collection				R
Section No. 2 Bill No 3 - Concrete, formwork and reinforcement PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>REINFORCEMENT (PROVISIONAL)</u>					
<u>(WORK GROUP 114)</u>					
<u>Mild steel reinforcement to structural concrete work</u>					
31	R8 Mild steel rod reinforcement	t	12.00		
32	R10 Mild steel rod reinforcement	t	7.50		
<u>High tensile steel reinforcement to structural concrete work</u>					
33	Y10 High tensile steel rod reinforcement	t	7.50		
34	Y12 High tensile steel rod reinforcement	t	10.00		
35	Y16 High tensile steel rod reinforcement	t	18.00		
36	Y20 High tensile steel rod reinforcement	t	6.00		
37	Y25 High tensile steel rod reinforcement	t	2.00		
38	High tensile Y16 steel rod 700mm long dowels at 1000mm centres in construction joints	No	228		
<u>Fabric reinforcement</u>					
39	Type Ref 193 fabric reinforcement in concrete surface beds, slabs, etc	m2	40		
40	Type Ref. 245 Mesh reinforcement laid in surface beds with 300mm wide side and end laps (measured net)	m2	20		
41	Type Ref. 395 Mesh reinforcement laid in surface beds with 300mm wide side and end laps (measured net)	m2	1 300		
Carried to Collection				R	
Section No. 2					
Bill No 3 - Concrete, formwork and reinforcement					
PROVISIONAL BILLS OF QUANTITIES					
BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Section No. 2				
Bill No. 3				
Bill No 3 - Concrete, formwork and reinforcement				
<u>COLLECTION</u>				
	Page No		Amount	
Total Brought Forward from Page No.	223			
Total Brought Forward from Page No.	224			
Total Brought Forward from Page No.	225			
Total Brought Forward from Page No.	226			
Total Brought Forward from Page No.	227			
Total Brought Forward from Page No.	228			
Total Brought Forward from Page No.	229			
Total Brought Forward from Page No.	230			

Carried Forward to Summary of Section No. 2

R

Section No. 2

Bill No 3 - Concrete, formwork and reinforcement

PROVISIONAL BILLS OF QUANTITIES

BID NO: DOH08NWER003/CON14

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No		Quantity	Rate	Amount
	<u>BILL NO. 4</u> <u>MASONRY</u> <u>(WORK GROUP 118)</u> <u>PREAMBLES</u>For preambles refer to <u>"Department of Public Works: Specification of Materials and Method to be used - PW371"</u> <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> <u>Wall ties</u> Descriptions and rates for cavity walls specified to include wire ties shall, unless otherwise specified, be deemed to include at least five metal wire ties, evenly spaced, per square metre brickwork. Metal wall ties shall: - Comply with SABS 28 and of the butterfly or the modified PWD type - Of suitable lengths to ensure that ends are built at least 75mm deep into brickwork.			
	Carried to Collection		R	
	Section No. 2 Bill No 4 - Masonry PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>Face bricks</u> Bricks shall be ordered timeously to obtain uniformity in size and colour. Contractor to verify size uniformity prior to laying <u>Pointing</u> Description of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc																																			
	<u>SUBSTRUCTURE (PROVISIONAL)</u> <u>Brickwork</u> <u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in class I mortar in foundations</u> <table><tr><td>1</td><td>Brick columns</td><td>m3</td><td>19</td></tr><tr><td>2</td><td>Half brick walls</td><td>m2</td><td>60</td></tr><tr><td>3</td><td>One brick walls</td><td>m2</td><td>336</td></tr><tr><td>4</td><td>230mm hollow two skin cavity half brick wall filled with and including 15MPa/20mm concrete</td><td>m2</td><td>4</td></tr><tr><td>5</td><td>460mm hollow two skin cavity one brick wall filled with and including 15MPa/20mm concrete</td><td>m2</td><td>5</td></tr></table> <u>SUPERSTRUCTURE</u> <u>Brickwork of NFP bricks (7 MPa nominal compressive strength) in class II mortar</u> <table><tr><td>6</td><td>Brick Column</td><td>m3</td><td>58</td></tr><tr><td>7</td><td>Half brick walls</td><td>m2</td><td>412</td></tr><tr><td>8</td><td>Half brick linings to concrete</td><td>m2</td><td>6</td></tr></table>	1	Brick columns	m3	19	2	Half brick walls	m2	60	3	One brick walls	m2	336	4	230mm hollow two skin cavity half brick wall filled with and including 15MPa/20mm concrete	m2	4	5	460mm hollow two skin cavity one brick wall filled with and including 15MPa/20mm concrete	m2	5	6	Brick Column	m3	58	7	Half brick walls	m2	412	8	Half brick linings to concrete	m2	6			
1	Brick columns	m3	19																																	
2	Half brick walls	m2	60																																	
3	One brick walls	m2	336																																	
4	230mm hollow two skin cavity half brick wall filled with and including 15MPa/20mm concrete	m2	4																																	
5	460mm hollow two skin cavity one brick wall filled with and including 15MPa/20mm concrete	m2	5																																	
6	Brick Column	m3	58																																	
7	Half brick walls	m2	412																																	
8	Half brick linings to concrete	m2	6																																	
	Carried to Collection Section No. 2 Bill No 4 - Masonry PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			R																																

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

9	Half brick lining to steel	m2	5		
10	One brick walls	m2	2 736		
11	One brick walls in beamfilling	m2	170		
12	One brick walls in fire walls	m2	432		
13	One brick yard walls	m2	75		
14	One brick yard walls in circular	m2	360		
15	230mm Cavity walls	m2	21		
16	460mm Cavity walls	m2	15		
<u>SUNDRIES</u>					
<u>Brick reinforcement in substructure (Provisional)</u>					
17	Brick reinforcement 150mm wide in foundation built into brick walls with sufficient laps at end joints, angles and intersections (measured net)	m	1 823		
<u>Brick reinforcement in superstructure</u>					
18	Brick reinforcement 75mm wide built into brick walls with sufficient laps at end joints, angles and intersections (measured net)	m	1 827		
19	Brick reinforcement 150mm wide built into brick walls with sufficient laps at end joints, angles and intersections (measured net)	m	8 385		
<u>Prestressed fabricated lintels</u>					
20	100mm x 70mm Lintel not exceeding 3m long, hoisted into position and laid over opening in brick wall with ends bedded in class II mortar	m	214		
<u>Turning pieces</u>					
21	115mm Wide turning pieces to lintels etc	m	30		
Carried to Collection				R	
Section No. 2 Bill No 4 - Masonry PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

[illegible]

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>FACE BRICKWORK</u>					
<u>Equal and approved by the Principal Agent</u> <u>facebricks to match existing (PC R13 000.00/1000</u> <u>bricks including delivery to site but excluding VAT)</u> <u>pointed with recessed horizontal and vertical joints</u>					
26	Extra over brickwork for facing and pointing in foundation (Provisional)	m2	55		
27	Extra over brickwork for face brickwork	m2	373		
<u>Brick-on-edge header course copings, sills, etc of</u> <u>face bricks pointed with recessed joints on all</u> <u>exposed faces</u>					
28	Extra over brickwork for brick-on-edge header course lintel pointed on face and 115mm soffit	m	124		
29	175mm Wide sill set sloping and slightly projecting	m	124		
30	Coping on top of one brick wall	m	104		
31	Fair raking cutting	m	80		
32	Fair circular cutting for pipes not exceeding 100mm diameter	No	25		
33	Fair circular cutting for pipes exceeding 100mm and not exceeding 200mm diameter	No	15		
<u>FIBRE-CEMENT WINDOW SILLS</u>					
<u>Fibre cement FC77 or equal and approved by the</u> <u>Principal Agent natural grey sills in single lengths</u> <u>bedded in class I mortar including metal fixing lugs</u> <u>etc</u>					
34	15 x 150mm Wide cills set flat and slightly projecting	m	124		
Carried to Collection				R	
Section No. 2 Bill No 4 - Masonry PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

[illegible]

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No		Quantity	Rate	Amount	
	<u>BILL NO. 5</u> <u>WATERPROOFING</u> <u>(WORK GROUP 120)</u> <u>PREAMBLES</u> For preambles refer to <u>"Department of Public Works: Specification of Materials and Method to be used - PW371"</u> <u>DAMPPROOFING OF WALLS AND FLOORS</u> <u>SUPPLEMENTARY PREAMBLES</u> Waterproofing to flat concrete roofs shall be installed by an approved firm of "Specialist Contractor" under a " <u>ten year guarantee</u> " all in accordance with the materials supplied and methods employed by Manufacturers				
	<u>DAMP-PROOFING OF WALLS AND FLOORS</u> <u>One layer of type 375 micron Consol Plastics Brikgrit DPC or similar and approved by the Principal Agent embossed damp proof course</u> 1 In walls m2 182 <u>One layer of 250 micron USB green medium density waterproof sheeting sealed at laps with pressure sensitive tape all in accordance with the Manufacturer's instruction</u> 2 Medium density damp-proof membrane laid loose on top of sand bed (elsewhere) under solid floors with pressure sensitive tape jointing in building m2 1 440 <u>WATERPROOFING TO ROOFS, BASEMENTS, ETC</u>				
	Carried to Collection				
	Section No. 2 Bill No 5 - Waterproofing PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>"Derbigum" or similar and approved by the Engineer</u>				
	<u>One layer "Derbigum SP4" waterproofing membrane, with 75mm side and 100mm end laps, sealed to bitumen primed surface to falls and crossfalls by 'torchfusion' finished and fully bonded including finishing with two coats bituminous aluminium protective paint</u>				
3	On screed flat floors to slight fall to outlet not exceeding 10 degrees from the horizontal	m2	90		
4	On tops and sides of inverted beams	m2	86		
5	On bottoms and sides of gutters	m2	20		
6	Tops and sides of brick or concrete not exceeding 300mm girth	m	95		
7	Tops and sides of brick or concrete not exceeding 300mm girth in concealed areas	m	42		
8	30 x 30mm Triangular fillet	m	215		
9	Dressing around fullbore outlets, spouts etc.,	No	6		
	<u>PROTECTIVE ROOFING PAINT</u>				
	<u>Two coats heavy duty acrylic emulsion paint</u>				
10	On waterproofing to roofs	m2	90		
11	On tops and sides of inverted beams	m2	86		
12	On waterproofing to gutters	m2	20		
	<u>JOINT SEALANTS ETC</u>				
	<u>Silicone sealing compound including backing cord, bond breaker, primer, etc</u>				
13	Between timber fittings and plastered walls	m	352		
14	Between sanitary fittings and wall tiles	m	80		
	Carried to Collection			R	
	Section No. 2 Bill No 5 - Waterproofing PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

15	<u>Natural grey polysulphide sealing compound</u> 20mm Deep in Expansion joints m 120 Carried to Collection Section No. 2 Bill No 5 - Waterproofing PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				
----	---	--	--	--	--

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

[illegible]

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No		Quantity	Rate	Amount
	<u>BILL NO. 6</u> <u>ROOF COVERING</u> <u>(WORK GROUP 124)</u> <u>PREAMBLES</u>For preambles refer to <u>"Department of Public Works: Specification of Materials and Method to be used - PW371"</u> <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> General All roof coverings, etc., to be with a covering of Z275 galvanising. All holes to be drilled and not punched Sizes All items are measured net unless otherwise described Flashing, trimming plates, etc Prices to include for all cutting and waste and relevant fixing material, unless otherwise described All rates for flashings, trimmings, etc., to include for forming drips and closed ends to troughs of sheet roof covering where applicable			
	<u>ROOF COVERINGS</u> <u>SUPPLEMENTARY PREAMBLES</u>			
	Carried to Collection Section No. 2 Bill No 6 - Roof Covering PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14		R	

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>"Zincalume Roof Products" or similar and approved by the Principal Agent</u> Global products to be all galvanised and installed strictly to manufacturer's specifications but colours to be to the Architect's approval <u>Zincalume & Colorbond 0.8mm thick roll formed with 10.5mm corrugations at 76mm centre giving a net coverage of 762mm fixed according to manufactures specifications on steel purlines and to steel trusses (elsewhere measured)</u>				
1	Roof covering with pitches not exceeding 35 degrees and fixing to purlins	m2	5 829		
2	Raking cutting to roof sheeting	m	597		
	<u>INSULATION, ETC</u> <u>Roof insulation "Owens Corning Factorylite flexible, non-combustible lightweight industrial fibreglass insulation material (nominal density 12kg per m3), with reinforced kraft aluminium foil faced finish laid taut over purlins at centres and tied down top and bottom after tensioning with galvanized hoop iron ties, all strictly to the manufacturer's specifications</u>				
3	100mm Thick Insulation	m2	8 744		
	<u>SHEET METAL FLASHING, LININGS, COPING, ETC</u> <u>Concealed fix 0.8mm thick "Zincalume Roof Products" 580mm light industrial Z275 spelter galvanised steel sheeting flashing, three times bent along girth and notched on site to suit roof profile with "Global coat" finish on one side and half Global coat Grey on the other side complete with metal and poly closer without joints 500mm overlay, complete with sealing strips</u>				
4	Ridge Cap 550mm girth 3 times bent and notched on site	m	243		
	Carried to Collection			R	
	Section No. 2 Bill No 6 - Roof Covering PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

5	Hip Cap 550mm girth 3 times bent and notched on site	m	48			
6	Headwall flashing 462mm girth 2 times bent and notched on site	m	82			
7	Sidewall flashing 550mm girth 2 times bent and notched on site	m	78			
8	Broad flute closure	m	77			
	<u>"Everite" pressed nutec-cement</u>					
9	Fascia or barge angles 500mm girth with "Classicoat" finish on one side	m	362			
Carried to Collection Section No. 2 Bill No 6 - Roof Covering PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14						

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

[illegible]

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No		Quantity	Rate	Amount
	<u>BILL NO. 7</u> <u>CARPENTRY AND JOINERY</u> <u>(WORK GROUP 126)</u> <u>PREAMBLES</u>For preambles refer to <u>"Department of Public Works: Specification of Materials and Method to be used - PW371"</u> <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> Fixing Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at maximum 600mm centres, and where described as "bolted" the bolts have been given elsewhere Sealing of all abutments All cupboards, counter tops, shelves, etc. abutting walls, tiled surfaces, etc. to be sealed watertight with an approved silicon sealant along all joints Unless described, tendered rates must make provision for this as no additional claims in this regard will afterwards be entertained <u>SKIRTINGS</u>			
	Carried to Collection		R	
	Section No. 2 Bill No 7 - Carpentry and Joinery PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>Timber skirting</u> 1 75 x 19mm Thick hardwood skirting with rounded top and complete with 25mm hardwood quadrant planted on and plugged and screwed to walls, all expansion joints in skirting to be formed with 10mm polysulphide filled joint m 300 <u>Hard wood board</u> 2 200mm x 600mm x 22 mm Fire extinguisher backing board, chamfered all round and plugged to wall including varnish on all sides No 30 <u>DOORS, ETC</u> <u>NOTE:</u> All framed and ledged batten doors and combination doors, where battens are utilised, shall only be of construction acceptable to the Department, i.e. mortice and tennon where the tennon is exposed on the outside edges of styles and where the tennon is wedged to form a dovetailed shape. Paint backs of subframes one coat wood primer before building in all timber frame <u>HARDWOOD DOORS, ETC</u> <u>Meranti framed, ledged, braced and battened door, formed of 110 x 44mm sides, 110 x 44mm top rail, 110 x 22mm middle rail, top and bottom brace and 220 x 44mm bottom rail, all filled in with 63mm tongue and groove slats and 3mm hardwood backing board</u> 3 44mm Single door 900 x 2100mm high hardwood flush-back door with rebated meeting stiles.(D5) No 5 4 44mm Rebated double door size 1600 x 2100mm high overall, in two unequal leaves, one each leaf size 800 x 2100mm high and the other 343 x 2100mm high.(D10) No 5 <u>SEMI-SOLID DOORS, ETC</u> Carried to Collection R Section No. 2 Bill No 7 - Carpentry and Joinery PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				
--	--	--	--	--	--

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>Flush solid core hardwood doors with concealed hardwood edge and 3mm masonate on both side hung to steel doorframe</u>				
5	40mm Single door size 900 x 2100mm high overall.(D13)	No	75		
6	40mm Single door size 1000 x 2100mm high overall.(D15)	No	6		
7	44mm Double door 1800 x 2100 high with 12mm rebated meeting stiles (D16)	No	2		
	<u>SOLID DOORS, ETC</u>				
	<u>Flush solid core hardwood doors with concealed hardwood edge and 3mm masonate on both side hung to steel doorframe</u>				
8	40mm Single door size 900 x 2100mm high overall with fire rating of 120mins	No	76		
9	40mm Double door size 1200 x 2100mm high overall, fire rating of 120mins, two equal leaves and viewing panels.	No	14		
10	40mm Rebated double door size 1200 x 2100mm high overall, fire rating of 120mins, in two unequal leaves, one leaf size 857 x 2100mm high with view panel including 8mm Africa clear safety glass and the other 343 x 2100mm high.(D11)	No	11		
11	40mm Rebated double door size 1800 x 2100mm high overall, in two equal leaves fire rating of 120mins	No	29		
	<u>SPECIAL DOORS</u>				
12	40mm X-ray double directional protective lead sliding sliding door size 1274 x 2100mm high with stainless steel frame, LED line Ref YSX1525, manually operated, "Yeuson Med" or similar approved.	No	1		
	Carried to Collection			R	
	Section No. 2 Bill No 7 - Carpentry and Joinery PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

[illegible]

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Section No. 2				
Bill No. 7				
Bill No 7 - Carpentry and Joinery				
<u>COLLECTION</u>				
	Page No		Amount	
Total Brought Forward from Page No.	246			
Total Brought Forward from Page No.	247			
Total Brought Forward from Page No.	248			
Total Brought Forward from Page No.	249			
Carried Forward to Summary of Section No. 2			R	
Section No. 2				
Bill No 7 - Carpentry and Joinery				
PROVISIONAL BILLS OF QUANTITIES				
BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No		Quantity	Rate	Amount
	<u>BILL NO. 8</u> <u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u> <u>(WORK GROUP 129)</u> <u>PREAMBLES</u>For preambles refer to <u>"Department of Public Works: Specification of Materials and Method to be used - PW371"</u> <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> Fixing Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at maximum 600mm centres, and where described as "bolted" the bolts have been given elsewhere Ceilings Unless otherwise described, ceilings shall be deemed to be horizontal Suspended ceilings, bulkheads, etc All suspended ceilings, bulkheads, etc. shall be installed by an approved firm of specialists, all in accordance with the materials supplied and methods employed by Manufacturer Proprietary suspended ceilings Hangers, suspension grids, "lay-in" panels, etc. of			
	Carried to Collection		R	
	Section No. 2 Bill No 8 - Ceilings, Partitions and access flooring PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	suspended ceilings, bulkheads, etc are to be in accordance with the Manufacturers recommendation Bulkheads Bulkhead are defined as those portions of ceilings which are stepped vertically down or up from the general ceiling level and which generally occur along the perimeter of a room or area Bulkheads have only been described as such where they conform to the above defination and where the horizontal or vertical dimensions do not exceed 900mm. Where these dimensions do exceed 900mm, such portions of ceilings have been included in the appropriate general items of ceilings Unless otherwise described, bulkheads shall be deemed to be horizontal along the length				
1	<u>INSULATION</u> <u>"Aerolite" Insulation</u> 75mm Insulation "Owen Corning Aerolite" flexible non-combustible lightweight (nominal density 10kg/m3) fibreglass reinforced insulation blanket, closely fitted with ends butted firmly and laid loose on top of brandering etc m2 <u>CEILINGS, ETC</u> <u>NAILED UP CEILINGS</u> <u>Note:</u> The tenderer shall make allowance in the ceilings for electrical light fittings, diffusers, panels, etc and for their support inclusive of any flexibility in setting out that may be required (ceiling panels have not been deducted and pricing is to take cognisance thereof) Tenderers are advised to make allowance in their prices for ceiling subframes where required 3 500				
	Carried to Collection Section No. 2 Bill No 8 - Ceilings, Partitions and access flooring PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			R	

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>FIBRE CEMENT CEILINGS</u>					
<u>6mm Skimmed "NUTEC" or similar and approved by the Principal Agent Fibre-cement board fixed to timber brander.</u>					
2	Ceilings including 38 x 50mm SA pine sawn softwood brander at 450mm centres	m2	110		
3	Extra over ceiling for opening for 650 x 650 mm trap door complete with trimmers, frame, cross branders, ceiling board, hinges, etc	No	3		
<u>PLASTERED PLASTERBOARD CEILINGS</u>					
<u>SUSPENDED CEILINGS</u>					
<u>Ceilings "Supertec Econolock" white vinyl finished gypsum ceiling tiles 12,5mm thick, laminated to glass wool board of 55mm or similar approved by the Principal Agent acoustic ceiling tiles 12,5mm thick, laid on and including Q/T38 White powder coated main tees, cross tees, hold-down clips, wedges, etc., all suspended with galvanized hangers at centers not exceeding 1200mm</u>					
4	600 x 600mm Suspended Ceilings not exceeding 1m below truss members	m2	250		
5	1200 x 600mm Suspended Ceilings not exceeding 1m below steel members	m2	3 000		
<u>Ceilings "Rockfon Mono Acoustic" 1200 x 1800 x 40mm stone wool ceiling finished attached to drywall suspension modules laid in accordance to manufactures specifications and finished on site with acoustic joint compound. All suspended with galvanized hangers at centers not exceeding 1800mm</u>					
6	1200 x 600mm Suspended Ceilings not exceeding 1m below steel members	m2	792		
Carried to Collection				R	
Section No. 2 Bill No 8 - Ceilings, Partitions and access flooring PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>Ceilings "OWAcoustic Brillianto" 1200 x 600 x 14mm mineral wool ceing tiles. All suspended with galvanized hangers at centers not exceeding 1800mm</u>				
7	1200 x 600mm Suspended Ceilings not exceeding 1m below steel members	m2	350		
	<u>"BPB Gypsum" Code LSM25 recessed shadowline cornice pluggged</u>				
8	Type SM25 47 X 35mm pre-painted cornices	m	371		
	<u>Extra over bulkheads</u>				
9	700 x 350mm deep bulkhead	m	33		
	<u>SUNDRIES</u>				
	<u>"Fireproof" pyrosafe seal consisting of high density mineral wool panels cut and fixed into the opening around the penetrating services, all joints to be sealed with "Pyrosafe WB" including over-coating of the exposed faces of the panels and for 250mm on the penetrating services ("Pyrosafe Panel Seal" tested according to SABS 0177 Part II and achieving a rating of 120 minutes"), all installed strictly to the manufactureres specifications</u>				
10	Around service pipes/cables etc	No	76		
	<u>ACCESS FLOORING</u>				
	<u>"Bates" access flooring or similar approved by the Principal Agent</u>				
11	"Bates" access flooring or similar approved access flooring with 3CR12 suspension foot pieces not exceeding 1000mm deep.	m2	24		
Carried to Collection				R	
Section No. 2 Bill No 8 - Ceilings, Partitions and access flooring PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

[illegible]

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No		Quantity	Rate	Amount	
	<u>BILL NO. 9</u> <u>FLOOR COVERINGS, WALL LINNING, ETC.</u> <u>(WORK GROUP 130)</u> <u>PREAMBLES</u>For preambles refer to <u>"Department of Public Works: Specification of Materials and Method to be used - PW371"</u><u>Note</u><u>Newly installed floors should not be wet within 3 days of installation. contractor will remove and replace at own cost of it occurs that floor are wet before lead time.</u><u>preparation</u><u>Clean the floor with a neutral cleaner using hand or 3m Red pad rotary machine , pick up dirty water with a wiper and mop or wet vacuum, rinse with clean water and allow floor to dry. do not use high PH chemicals to remove stains. Use "Forbo cleaner" or " Marmoleum Floor Cleaner" to maintain uniform texture after cleaning</u> <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax				
	Carried to Collection Section No. 2 Bill No 9 - Floor Coverings, Wall Linning, etc. PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14		R		

<u>SUPPLEMENTARY PREAMBLES</u> Floor coverings and wall linings All floor coverings and linings are to be supplied, laid and sealed complete on a cement screed (screed somewhere) under guarantee by an approved firm of Specialist Sealing of joints All joints between floor coverings and wall linings to be butted and heat welded ensuring the welding agent bonds to more than 70% of the respective sheet thickness All abutments between floor coverings, wall linings, etc. and other members, ie. fittings, skirtings, corner protectors, etc are to properly sealed with an approved sealant of an approved colour Tendered rates must make provision for the above-mentioned as no additional claims in this regard will afterwards be entertained Note: Newly installed floors should not be wet within three days of installation. Contractor will remove and replace at own cost if discovered that the floors have been wet before the lead time. Finished Surfaces Contractor to ensure that surfaces are even and suitable to receive a specified finish as no extra cost shall be entertained				
<u>FLOOR AND WALL LINING</u> <u>"FLORWORX" or similar and approved</u> Carried to Collection Section No. 2 Bill No 9 - Floor Coverings, Wall Lining, etc. PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14		R		

[illegible]

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>"Marley Intrad " or other equal and approved wall protection system fixed strictly in accordance to the manufacturer's instruction. Colour by Architect</u>				
8	"TR 200" PVC hospital wall handrails brighten double colour surface vinyl panel as per Manufacturers specification	m	973		
9	"TRE200" external corners	No	320		
10	"TRS 200" stopends	No	48		
Carried to Collection					
Section No. 2 Bill No 9 - Floor Coverings, Wall Linning, etc. PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					R

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

[illegible]

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No		Quantity	Rate	Amount
	<u>BILL NO. 10</u> <u>IRONMONGERY</u> <u>(WORK GROUP 132)</u> <u>PREAMBLES</u>For preambles refer to <u>"Department of Public Works: Specification of Materials and Method to be used - PW371"</u> <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> Fixing of door locks, handles, flush bolts etc Fixing of all locks, handles, flush bolt, etc. shall be regarded as fixed to timber door leaves, unless specifically otherwise indicated Preparation of door frames Descriptions for flush bolts, door closers, floor spring, etc. shall be deemed to include all necessary preparations to door frames to accomodate same. Tendered rates must make provision for the above-mentioned as no additional claims in this regards will afterwards be entertained All "en-suite" locks shall be ordered to operate in a dedicated master keyed and/or grand master keyed lock system			
	<u>SUPPLY AND INSTALLATION OF IRONMONGERY</u> Carried to Collection Section No. 2 Bill No 10 - Ironmongery PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14		R	

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>HINGES, BOLTS, ETC</u>				
<u>"Solid"</u>				
1	75mm Brass barrel bolt.	No	20	
2	"AL 8052-150AS" Aluminium anodised flush barrel bolt, with keep fixed to metal	No	25	
3	"AL 8052-150AS" Aluminium anodised flush barrel bolt, with keep let into concrete, including mortice	No	16	
<u>HINGES, BOLTS, ETC</u>				
4	150mm Brass cabin hook and eye including 70 x 70 x 20mm chamfered hardwood block twice oiled and plugged	No	45	
<u>LOCKS</u>				
<u>"Union"</u>				
5	Mortice lock "21314 - 76 Bathroom/WC dead lock with "Ceder pull handle AL5C66 - 73AS on 150 x 150mm indicator back plate and striking plate fixed to metal	No	30	
<u>"EN-SUITE" LOCKS</u>				
<u>"Locks to be suitable for Master Key"</u>				
6	Mortice lock CZ692 - 05 - 222SC "Union Radius Profile" lockset with lever furniture	No	70	
7	Mortice lock CZ692 - 05 - 222SC "Union Radius Profile" lockset with rebate conversion and lever furniture	No	39	
8	Mortice lock "Union" euro profile cylinder dead lock set Ref: L-2109-78SS with rebate conversion	No	37	
9	Master key	No	12	
10	Grand master key	No	3	
<u>HANDLES</u>				
Carried to Collection				R
Section No. 2 Bill No 10 - Ironmongery PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

[illegible]

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

[illegible]

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>"Chairman industries" or other equal and approved</u>				
30	Stainless steel side grab rail " Code DL2 " including fixing to wall	No	7		
31	Stainless steel rear grab rail " Code SR2 " including fixing to wall around cistern	No	8		
32	GR300 Stainless steel door rail and fixing to timber door	No	10		
	<u>"Stiebel Eltron Code HTZ 2" High velocity infrared sensor operated or other equal and approved</u>				
33	Warm air hand dryer jetstream airtronic sensor operated hand dryer code 2500002 size 245 x 140 x 167mm wall mounted.	No	10		
	<u>SUNDRIES</u>				
34	AL 8730AS Door stop plugged and screwed to wall or floor	No	107		
35	Set of four "AL 8722AS Muiti hook Aluminium anodised coat hook with rubber buffer fixed to and including approved timber hardwood board	No	10		
36	"CZ80941SC" Satin chrome indicating bolt	No	9		
37	"Code 251" Hat and coat hook with rubber buffer, fixed to timber	No	30		
38	Approved wall mounted television bracket and fixing to walls	No	2		
39	Approved powder coated finish steel lockers "Steiner" full feature line garment dispenser, impact guards; plastic plates around locks, uni-doors	No	12		
	<u>"Masterbilt"</u>				
40	600 x 400mm High bathroom cabinet, with plate glass mirror, fixed to wall, above wash hand basin	No	8		
	Carried to Collection			R	
	Section No. 2 Bill No 10 - Ironmongery PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

	<u>"Hemco"</u>				
41	Approved 900 x 1829mm high drug cabinet, fixed to wall, compatible for schedule 5 and 6 drugs	No	8		
	<u>KEY CABINET</u>				
	<u>"Cecil Nurse" or similar approved</u>				
42	550mm x 350mm x 130mm Wall mounted electronic key cabinet suitable for 100 keys.	No	4		
	<u>"Nomad" rubber mats</u>				
43	914 x 1200mm Door mat in 5mm deep mat well including 29 x 3mm brass strip surround	No	4		
	<u>SHELVES</u>				
	<u>"Krost Shelving" with standard epoxy powder coated finish</u>				
44	WB6 - 2209mm Double slot wall band plugged	No	300		
45	457mm Shelf brackets	No	200		
46	900 x 457mm Shelf fixed to brackets	No	200		
	<u>STEEL LOCKERS</u>				
	<u>"KROST SHELVING" or similar approved steel lockers with standard baked enamel finish</u>				
47	Interlocking two door lockers 1800mm High x 300mm Wide x 450mm Deep with 3 doors each side	No	5		
	<u>PINNING BOARDS, WRITING BOARDS, PROJECTION SCREENS, ETC</u>				
	<u>"Vitrex"</u>				
	Carried to Collection			R	
	Section No. 2 Bill No 10 - Ironmongery PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

	Pining/Writing board edged with standard anodised aluminium frame				
48	Standard pining board size 1000mm wide x 1000mm high	No	5		
49	Standard pining board size 1200mm wide x 1000mm high	No	6		
50	Standard pining board size 1500mm wide x 1000mm high	No	6		
51	Pining board size 1800mm wide x 1200mm high	No	5		
52	Writing board size 900mm wide x 900mm high	No	2		
53	Writing board size 1200mm wide x 1200mm high	No	4		
Carried to Collection					R
Section No. 2 Bill No 10 - Ironmongery PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Section No. 2				
Bill No. 10				
Bill No 10 - Ironmongery				
<u>COLLECTION</u>				
	Page No		Amount	
Total Brought Forward from Page No.	261			
Total Brought Forward from Page No.	262			
Total Brought Forward from Page No.	263			
Total Brought Forward from Page No.	264			
Total Brought Forward from Page No.	265			
Total Brought Forward from Page No.	266			
Total Brought Forward from Page No.	267			

Carried Forward to Summary of Section No. 2

R

Section No. 2

Bill No 10 - Ironmongery

PROVISIONAL BILLS OF QUANTITIES

BID NO: DOH08NWER003/CON14

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No		Quantity	Rate	Amount
	<u>BILL NO. 11</u> <u>STRUCTURAL STEEL</u> <u>(WORK GROUP 134)</u> <u>PREAMBLES</u>For preambles refer to <u>"Department of Public Works: Specification of Materials and Method to be used - PW371"</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u>			
	<u>STRUCTURAL STEEL (Provisional)</u> <u>Standardised Specifications</u> The SANS 1200 1200H Standardised Specification for Civil Engineering Construction for Structural Steelwork is applicable to this Bill The SANS 1200 1200HC Standardised Specification for Civil Engineering Construction for Corrosion Protection of Structural Steelwork is applicable to this Bill <u>Project Specification</u> If the Standardised Specifications and the Project Specification (bounded in this document) are in conflict, the Project Specification shall apply. If these three specifications conflicts with the Model Preambles for Trades, the provisions of these specifications shall apply.			
	Carried to Collection		R	
	Section No. 2 Bill No 11 - Structural Steel PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>Descriptions</u> Descriptions of all structural steelwork shall be deemed to include for the preparation of shop detail drawings, supply and fabrication, delivery, abnormal loads, erection and approved protective treatment (Corrosion protection). Items described as "bolted" shall be deemed to exclude the bolts and include the holes. Descriptions of bolts shall be deemed to include nuts and washers Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete Descriptions of L-shaped and U-shaped anchor bolts shall be deemed to include bending, threading, nuts and washers and embedding in concrete. Where anchor bolts are described as embedded in sides or soffits of concrete it shall be deemed to include holes through formwork. <u>STRUCTURAL STEEL MEMBERS</u> <u>WORKSHOP DRAWINGS</u> 1 Allow an amount of R 150,000.00 for detailed "Workshop Drawings" as well as "As Built Drawing" complete for the structure designs to the satisfaction of the engineer <u>AMBULANCE DROP OFF ROOF STEEL MEMBERS</u> <u>Welded roof trusses of angle section rails, struts, braces, cleats, etc and flat section bearer, gusset and connection plates welded to steel</u> <u>Hoisting in to position exceeding 3.0m and not exceeding 4.5m</u> 2 457 x 191 x 82 Column Carried to Collection Section No. 2 Bill No 11 - Structural Steel PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14	Item 2.90 t	R	
--	---	----------------------------------	----------------------------------	---------------------------------

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

3	305 x 165 x 46 Rafters	t	5.70			
4	200 x 75 x 20 x 3.0 purlins	t	3.37			
5	60 x 60 x 6 angle section bracing	t	3.40			
6	60 x 60 x 6 angle sag bars	t	3.00			
7	114.3 x 6.0 CRHC stays	t	2.10			
8	IPE 200	t	1.20			
9	IPE 180	t	1.20			
10	Galvanised perforated metal ceiling fixed to steel timber trusses	m2	75			
11	Galvanised perforated metal sheets according to Architects Design	m2	158			
<u>BOARDROOM ROOF STEEL MEMBERS</u>						
<u>Welded roof trusses of angle section rails, struts, braces, cleats, etc and flat section bearer, gusset and connection plates welded to steel</u>						
<u>Hoisting in to position exceeding 3.0m and not exceeding 4.5m</u>						
12	203 x 133 x 25 I-section beams	t	2.60			
13	125 x 50 x 20 x 2.5 CRLC purlins	t	0.50			
14	60 x 60 x 6 angle diagonal bracing	t	0.25			
15	60 x 60 x 6 section bracing	t	0.15			
16	60 x 60 x 6 angle sag bars	t	0.03			
17	76.2 x 2.5 CRHC stringer	t	0.02			
<u>STEEL TRUSSES TO EXISTING BUILDING</u>						
				R		
Carried to Collection						
Section No. 2						
Bill No 11 - Structural Steel						
PROVISIONAL BILLS OF QUANTITIES						
BID NO: DOH08NWER003/CON14						

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>Welded roof trusses of angle section rails, struts, braces, cleats, etc and flat section bearer, gusset and connection plates welded to steel</u>				
	<u>Hoisting in to position exceeding 3.0m and not exceeding 4.5m</u>				
18	Steel trusses to engineers design measured on plan	m2	2 500		
19	Steel trusses to engineers design measured on plan	m2	1 300		
Carried to Collection					R
Section No. 2 Bill No 11 - Structural Steel PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

[illegible]

Item No	Quantity	Rate	Amount
<u>BILL NO. 12</u> <u>METALWORK</u> <u>(WORK GROUP 136)</u> <u>PREAMBLES</u>For preambles refer to <u>"Department of Public Works: Specification of Materials and Method to be used - PW371"</u> <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> <u>Descriptions</u> Descriptions of expansion anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete Metalwork described as"holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described Burglar bars to windows All opening sections shall be filled with burglar bars, unless otherwie described Glazing beads to windows Guarantees for glass shall be provided upon completion of the works. Tendered rates must make provision for the above-mentioned as no additional claims in this regards will afterwards be entertained <u>Curtain Wave Channel Tracks</u>			
1	50mm Linear wave channels track cut to length	m	200
Carried to Collection			R
Section No. 2 Bill No 12 - Metalwork PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>Gates to external doors</u>					
2	"Trellidor" or other equal approved security door size 900 x 2100mm including locking device and bolting to brickwork	No	6		
3	"Trellidor" or other equal approved security door size 1800 x 2100mm including locking device and bolting to brickwork	No	4		
4	Single sliding gate and frame 2200 x 2144mm high overall, formed of 25 x 25 x 2mm hollow section frame and 25 x 25 x 2mm hollow section horizontal middle rail filled in with 12 x 12mm square solid bars at 75 centres and fitted with a pair of heavy duty bullet hinges welded to frame and with locking mechanism for padlock all in and including outer frame of 25 x 25 x 2mm hollow section welded frame including "Valmetex" VEM 320G expanded metal mesh spot welded to frame bolted to brickwork	No	6		
5	Screen with frame 1200 x 2144mm high overall, formed of 25 x 25 x 2mm hollow section frame and 25 x 25 x 2mm hollow section horizontal middle rail filled in with 12 x 12mm square solid bars at 75 centres and fitted with a pair of heavy duty bullet hinges welded to frame and with locking mechanism for padlock all in and including outer frame of 25 x 25 x 2mm hollow section welded frame including "Valmetex" VEM 320G expanded metal mesh spot welded to frame bolted to brickwork	No	33		
<u>GALVANISED MILD STEEL DOOR FRAMES, INCLUDING BUILDING INTO BRICKWORK</u>					
<u>1,2mm Thick single rebated primed steel door frames supplied with chromium plated strike plates suitable for half brick walls</u>					
6	Frame for door size 900mm x 2100mm high (D13)	No	37		
Carried to Collection				R	
Section No. 2 Bill No 12 - Metalwork PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>1,2mm Thick single rebated primed steel door frames supplied with chromium plated strike plates suitable for one brick walls</u>				
7	Frame for door size 900mm x 2100mm high (D12)	No	147		
8	Frame for double door size 1200mm x 2100mm high (D11)	No	25		
9	Frame for double door size 1800mm x 2100mm high (D16)	No	41		
Carried to Collection					
Section No. 2 Bill No 12 - Metalwork PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					R

<u>ALUMINIUM WINDOWS, ETC., INCLUDING BUILDING INTO BRICKWORK</u>					
<u>NOTE:</u> Indicative window schedules are attached at the end of the bills of quantities to assist the tenderer in pricing					
Rates for the following aluminium windows are to include for supplying and building in of temporary templates					
<u>Design, supply, deliver to site and install the following windows/shopfront in accordance with the manufacturers instructions</u>					
<u>Polyester matte black powder coated aluminium framed windows/shopront glazed as described, including all necessary framing, transomes, mullions, beads, clips, etc., all ironmongery comprising hinges, friction stays, wedgeless handles, external sealing between gaskets, external sealant between framing and adjoining structure with an approved sealant recommended for the purpose intended, all fixings and supports protection from all damage, cleaning down upon completion and everything necessary for a perfectly weather tight installation to the intent, approval and satisfaction of the Architect. NOTE : All windows to be fitted complete with 12 x 12mm Aluminium square bars @ 150mm centres maximum and rates will be deemed to include such</u>					
<u>Windows/shopfront glazed with 6mm thick PVB faidbrand laminated safety glass and plugged to brickwork</u>					
10	Purpose made window size 600 x 1195mm high W1	No	18		
11	Purpose made window size 1015 x 1195mm high W2	No	4		
12	Purpose made window size 1516 x 1245mm high W3	No	16		
13	Purpose made window size 2430 x 2450mm high W4	No	1		
				</	

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

14	Purpose made window size 2220 x 2450mm high W5	No	13		
15	Purpose made window type 3160 x 2450mm high W6	No	5		
16	Purpose made window size 2220 x 2450mm high W7	No	1		
17	Purpose made window size 1700 x 2450mm high W9	No	1		
18	Purpose made window size 2885 x 1525mm high W10	No	11		
19	Purpose made window size 5625 x 750mm high W14	No	7		
20	Purpose made window triangular in shape size 5625 base x 3456 x 3456mm slopes W15	No	4		
	<u>Internal windows</u>				
21	Purpose made window size 1500 x 1400mm high W8	No	1		
22	Purpose made window size 1500 x 1400mm high W11	No	2		
23	Purpose made window size 800 x 1410mm high W12	No	1		
24	Purpose made window size 2000 x 1410mm high W13	No	2		
25	Purpose made window size 3220 x 750mm high W16	No	4		
26	Purpose made window size 1920 x 750mm high W17	No	4		
27	Purpose made window size 1400 x 1410mm high W18	No	2		
28	Purpose made window size 1500 x 750mm high W19	No	4		
29	Purpose made window size 1500 x 750mm high W20	No	4		
	<u>ALUMINIUM LOUVRES, ETC</u>				
	<u>Custom made natural anodised aluminium louvres</u>				
30	Louvre type 1130 x 880mm high D23	No	1		
31	Louvre type 725 x 880mm high d24	No	1		
Carried to Collection				R	
Section No. 2 Bill No 12 - Metalwork PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

32	Louvre type 984 x 875mm high D25	No	6
33	Louvre type 1240 x 875mm high D26	No	1
<u>ALUMINIUM DOORS, ETC., INCLUDING BUILDING INTO BRICKWORK</u>			
<u>Polyester coated aluminium framed windows/shopfront glazed as described, including all necessary framing, transomes, mullions, beads, clips, etc., all ironmongery comprising hinges, friction stays, wedgeless handles, external sealing between gaskets, external sealant between framing and adjoining structure with an approved sealant recommended for the purpose intended, all fixings and supports protection from all damage, cleaning down upon completion and everything necessary for a perfectly weather tight installation to the intent, approval and satisfaction of the Architect.</u>			
<u>" KAL Slenderline" Grade AA 10 powder coated or similar and approved by the Principal Agent</u>			
34	Purpose made door 3185 x 3165mm overall double doors with fixed vertical two side and top panel, glazed with and including 8mm Africa clear glass.(D1)	No	1
35	Purpose made door 1185 x 2400mm overall single door with 272mm vertical fixed side panel, glazed with and including 8mm Africa clear glass.(D2)	No	2
36	Purpose made door 1500 x 2100mm overall double doors, glazed with and including 8mm Africa clear glass.(D03)	No	2
37	Purpose made door 3000 x 3165mm overall double swing double doors with fixed vertical two side and top panel, glazed with and including 8mm Africa clear glass.(D4)	No	1
38	Purpose made door 1600 x 2400mm overall double door with 275mm fanlight panel, glazed with and including 8mm Africa clear glass.(D7)	No	3
Carried to Collection			
Section No. 2 Bill No 12 - Metalwork PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

39	Purpose made sliding door 1800 x 2400mm overall with 275mm fanlight panel, glazed with and including 8mm Africa clear glass.(D8)	No	1		
40	Purpose made door 1800 x 2100mm overall double doors, glazed with and including 8mm Africa clear glass.(D09)	No	1		
41	Purpose made door 1200 x 2100mm overall double door with unequal leafs, glazed with and including 8mm Africa clear glass.(D10)	No	1		
42	Purpose made door 3400 x 3000mm overall sliding doors with fixed vertical side and top panel, glazed with and including 8mm Africa clear glass.(D17)	No	1		
43	Purpose made door 2400 x 2985mm overall double swing double doors with fixed vertical two side and top panel, glazed with and including 8mm Africa clear glass.(D18)	No	1		
44	Purpose made door 1900 x 2100mm overall sliding doors with fixed vertical side and top panel, glazed with and including 8mm Africa clear glass.(D19)	No	1		
45	Purpose made door 2700 x 2125mm overall unequal double door with two equal fixed side panel, glazed with and including 8mm Africa clear glass.(D22)	No	2		
46	Purpose made door 3500 x 3000mm overall unequal double door with two equal side panel and three top panel with one louvred, glazed with and including 8mm Africa clear glass.(D23)	No	1		
47	Purpose made door 1965 x 3000mm overall unequal double door with fixed side panels and two unequal top panel one louvred, glazed with and including 8mm Africa clear glass.(D24)	No	1		
48	Purpose made door 4150 x 3000mm overall unequal double door with three vertical equal side panel and four top panel with two louvred, glazed with and including 8mm Africa clear glass.(D25)	No	3		
Carried to Collection				R	
Section No. 2 Bill No 12 - Metalwork PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

49	Purpose made door 1620 x 3000mm overall unequal double door with fixed side panels and two unequal top panel one louvred, glazed with and including 8mm Africa clear glass.(D26) No	1			
	<u>SKYLIGHTS</u> <u>Design, supply, deliver to site and install the following skylighters in accordance with the manufacturers instructions Skylight with 8.38mm thick "SmartGlass" or similar and approved x 2 Pro, Double glazing "seren green" outer pane armourplate and inner pane clearvue, of visible light trasmission to, solar heat gain coefficient 0.52, u-value 2.8 and visible light reflection 13 and shading co-efficient 0.60. Skylight to have seamless glass and sides to be of approved standard.</u> <u>Skylight glazed with 6mm thick PVB faidbrand laminated safety glass and plugged to steel roof trusses</u>				
50	Approximately 1840 x 3460mm Wide epoxy powder coated aluminium frame, 100 x 50 x 3mm RHS aluminium, TG1 aluminium box, TGX aluminium box, with 8,38mm Laminated safety glass S10 silver fixed with steel brackets and chromadek flashing including gaskets and sealant. Skylight 1 and 2. No	6			
51	Approximately 1380 x 2047mm Wide epoxy powder coated aluminium frame, 100 x 50 x 3mm RHS aluminium, TG1 aluminium box, TGX aluminium box, with 8,38mm Laminated safety glass S10 silver fixed with steel brackets and chromadek flashing including gaskets and sealant. Skylight 3 and 4 No	3			
52	Approximately 1400 x 2000mm Wide epoxy powder coated aluminium frame, 100 x 50 x 3mm RHS aluminium, TG1 aluminium box, TGX aluminium box, with 8,38mm Laminated safety glass S10 silver fixed with steel brackets and chromadek flashing including gaskets and sealant. Skylight 5 No	2			
Carried to Collection					R
Section No. 2 Bill No 12 - Metalwork PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

53	Approximately 1390 x 2130mm Wide epoxy powder coated aluminium frame, 100 x 50 x 3mm RHS aluminium, TG1 aluminium box, TGX aluminium box, with 8,38mm Laminated safety glass S10 silver fixed with steel brackets and chromadek flashing including gaskets and sealant. Skylight 6	No	3		
54	Solar tube skylight 300mm Diameter x 1000mm ceiling height, dome with "Raybender 3000 technology, light tracker reflector, roof flashing, spectralight infinity top tube assembly, spectralight infinity extension tubing, spectralight infinity bottom tube assembly and decorative fixture/diffuser including daylight dimmer with a patented butterfly baffle and convenient wall-mounted switch to allow for simple and easy adjustments to room daylight level.	No	2		
<u>PUBLIC SEATING</u>					
<u>Silverline heavy duty steel bench screwed to floor with 2.0mm steel cross beam including aluminium powder coating on 2.0 x 80 x 40mm steel tubes with arms, legs and edges of 1.5mm steel tubing - double chrome plated.</u>					
<u>Back and seat to have black or approved colour injected PU foam.</u>					
55	Hospital 2 seater chair	No	3		
56	Hospital 3 seater chair	No	12		
57	Hospital 4 seater chair	No	18		
58	Hospital 5 seater chair	No	7		
<u>STEEL CABINETS</u>					
<u>Heavy duty carbon pre-assembled steel cabinets (Ivory colour)</u>					
59	470 mm x 1320 mm Free standing 4 drawer cabinet	No	12		
60	1320mm x 470mm x 630mm 4 Drawer steel filing cabinet	No	8		
Carried to Collection				R	
Section No. 2 Bill No 12 - Metalwork PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

61	2135mm x 1100mm 400mm 12 bay fully adjustable bulk filer	No	3		
<u>TRANSFORMER DOORS, ETC</u>					
62	1250 x 2142 x 42mm High purpose made mild steel louvred steel transformer door with 1.6mm thick frame, door to comply with SABS 727, frame to be single rebated frame suitable for one brick wall (DOA)	No	2		
<u>DIRTY LINEN DOORS, ETC</u>					
63	900 x 900mm High purpose made mild steel hand operated door with 180 degree swing, intake door with bottom hinged, door fitted with gas piston for smooth silent closing (D27)	No	2		
<u>FIRE DOORS, ETC</u>					
64	1600 x 2100mm High x 52mm "Bitcon Rubidor" or similar and approved fire door, complete with 2mm standard frame suitable for 230mm wall. D06	No	2		
<u>SPECIALISTS INSTALLATIONS</u>					
<u>APPROVED BLINDS TO ARCHITECTS SPECIFICATION</u>					
65	Purpose made window size 600 x 1195mm high (PC Sum R 2500.00/m2)	No	18		
66	Purpose made window size 1015 x 1195mm high PC Sum R 2500.00/m2)	No	4		
67	Purpose made window size 1516 x 1245mm high PC Sum R 2500.00/m2)	No	16		
68	Purpose made window size 2430 x 2450mm high PC Sum R 2500.00/m2)	No	1		
69	Purpose made window size 2220 x 2450mm high PC Sum R 2500.00/m2)	No	13		
Carried to Collection				R	
Section No. 2 Bill No 12 - Metalwork PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

70	Purpose made window type 3160 x 2450mm high PC Sum R 2500.00/m2)	No	5		
71	Purpose made window size 2220 x 2450mm high PC Sum R 2500.00/m2)	No	1		
72	Purpose made window size 1700 x 2450mm high PC Sum R 2500.00/m2)	No	1		
73	Purpose made window size 2885 x 1525mm high PC Sum R 2500.00/m2)	No	11		
74	Purpose made window size 5625 x 750mm high PC Sum R 2500.00/m2)	No	7		
75	Purpose made window size 1500 x 1400mm high PC Sum R 2500.00/m2)	No	2		
76	Purpose made window size 800 x 1410mm high PC Sum R 2500.00/m2)	No	1		
77	Purpose made window size 2000 x 1410mm high PC Sum R 2500.00/m2)	No	2		
78	Purpose made window size 3220 x 750mm high PC Sum R 2500.00/m2)	No	4		
79	Purpose made window size 1920 x 750mm high PC Sum R 2500.00/m2)	No	4		
80	Purpose made window size 1400 x 1410mm high PC Sum R 2500.00/m2)	No	2		
81	Purpose made window size 1500 x 750mm high PC Sum R 2500.00/m2)	No	4		
Carried to Collection				R	
Section No. 2 Bill No 12 - Metalwork PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Section No. 2				
Bill No. 12				
Bill No 12 - Metalwork				
<u>COLLECTION</u>				
	Page No		Amount	
Total Brought Forward from Page No.	274			
Total Brought Forward from Page No.	275			
Total Brought Forward from Page No.	276			
Total Brought Forward from Page No.	277			
Total Brought Forward from Page No.	278			
Total Brought Forward from Page No.	279			
Total Brought Forward from Page No.	280			
Total Brought Forward from Page No.	281			
Total Brought Forward from Page No.	282			
Total Brought Forward from Page No.	283			
Total Brought Forward from Page No.	284			

Carried Forward to Summary of Section No. 2

R

Section No. 2

Bill No 12 - Metalwork

PROVISIONAL BILLS OF QUANTITIES

BID NO: DOH08NWER003/CON14

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No		Quantity	Rate	Amount
	<u>BILL NO. 13</u> <u>PLASTERING</u> <u>(WORK GROUP 142)</u> <u>PREAMBLES</u>For preambles refer to <u>"Department of Public Works: Specification of Materials and Method to be used - PW371"</u> <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> Textured finishes All textured finishes are to be applied to the satisfaction of the Principal Agent and executed by an approved firm of Specialists, all strictly in accordance with the materials supplied and methods employed by the Manufacturer Preparatory work for textured finishes Textured finishes to be applied to surfaces as described. Rates tendered are to include for all necessary priming, preparatory work, etc. All surfaces are to be inspected and approved by the Principal Agent prior to any work is commenced with			
	<u>SCREEDS</u> <u>3:1 Cement plaster screeds steel trowelled on concrete</u>			
1	25mm Thick on concrete floors to receive timber floors m2	5		
	Carried to Collection Section No. 2 Bill No 13 - Plastering PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14		R	

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

2	25mm Thick on concrete floors to receive vinyl sheeting	m2	1 550		
3	Average 50mm thick on concrete roof slabs to falls, to outlets to receive waterproofing	m2	90		
4	75 x 75mm Triangular fillet in 1:3 mortar	m	645		
	<u>GRANOLITHIC</u>				
	<u>Tinted 30-35 Mpa granolithic floor finish</u>				
5	30mm Thick on concrete floors to falls	m2	21		
	<u>INTERNAL PLASTER</u>				
	<u>One coat (1:5) cement plaster on brickwork</u>				
6	On walls	m2	3 960		
7	On narrow widths	m2	208		
	<u>EXTERNAL PLASTER</u>				
	<u>One coat (1:5) cement plaster on brickwork</u>				
8	On walls	m2	944		
9	On narrow widths	m2	95		
	<u>On concrete</u>				
10	On ceilings	m2	160		
	<u>DIVIDING STRIPS, COVER STRIPS ETC</u>				
	<u>Strips</u>				
11	6mm Aluminium closed quadrant trim with an anodised matt silver finish and corners to suit	m	130		
12	3 x 25mm Brass dividing strip with top flush with floor finish	m	68		
	Carried to Collection			R	
	Section No. 2 Bill No 13 - Plastering PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

13	<u>"Joint Master " or similar approved</u> Expansion joint seal series 800 Code 806- floor-floor cover strip m 120 Carried to Collection Section No. 2 Bill No 13 - Plastering PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				
----	--	--	--	--	--

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

[illegible]

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No	Quantity	Rate	Amount																
<u>BILL NO. 14</u> <u>TILING</u> <u>(WORK GROUP 144)</u> <u>PREAMBLES</u>For preambles refer to <u>"Department of Public Works: Specification of Materials and Method to be used - PW371"</u> <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> Prices Prices are to include for all square cutting and waste, cleaning off on completion and protection from injury. Areas are measured net to face of bare brickwork and concrete																			
<u>WALL TILING</u> <u>200 x 200 x 5mm thick "Versa" or similar approved ceramic wall tiles fixed with adhesive to plaster (plaster elsewhere measured) and flush pointed with tinted jointing compound in diagonal or rectangular dado tile pattern</u> <tr> <td>1</td> <td>On walls in patterns</td> <td>m2</td> <td>240</td> </tr> <u>300 x 600 x 5mm "Versa" or similar approved ceramic wall tiles fixed with adhesive to plaster (plaster elsewhere measured) and flush pointed with tinted jointing compound in diagonal or rectangular dado tile pattern (PC Sum R 400.00/m2)</u> <tr> <td>2</td> <td>On walls</td> <td>m2</td> <td>1 564</td> </tr> <tr> <td colspan="3"> Carried to Collection </td> <td>R</td> </tr> <tr> <td colspan="4"> Section No. 2 Bill No 14 - Tiling PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14 </td> </tr>				1	On walls in patterns	m2	240	2	On walls	m2	1 564	Carried to Collection			R	Section No. 2 Bill No 14 - Tiling PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			
1	On walls in patterns	m2	240																
2	On walls	m2	1 564																
Carried to Collection			R																
Section No. 2 Bill No 14 - Tiling PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14																			

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>PORCELAIN FLOOR TILES</u>				
<u>600mm x 600mm x 8.5mm Thick polished porcelain floor tile with 2mm joints complete with rectangular borders and diagonal infill panels, install with tile adhesive as recommended by tile manufacturer on well-prepared screed to suit required level. Finish all joints with CORPROX waterproof grout. All strictly to manufacturer's specifications. Colour and type and detail pattern design to Architect's approval. (PC Sum R 400/m2)</u>				
3	On floors	m2	180	
4	Cut tile skirting 150 mm high with and including approved 10mm "Genesis" or similar approved aluminium trims	m	96	
5	Border tile of cut 150mm high with and including 2 x 10mm "Genesis" or approved aluminium strips	m	56	
6	10mm "Genesis" or approved aluminium strips to corners of windows and walls	m	46	
<u>Non-Slip porcelain mosaic shower floor tile with 2mm joints complete with rectangular borders and diagonal infill panels, install with tile adhesive as recommended by tile manufacturer on well-prepared screed to suit required level. Finish all joints with CORPROX waterproof grout. All strictly to manufacturer's specifications. Colour and type and detail pattern design to Architect's approval.</u>				
7	On floors	m2	29	
Carried to Collection			R	
Section No. 2 Bill No 14 - Tiling PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Section No. 2 Bill No. 14 Bill No 14 - Tiling <u>COLLECTION</u>				
Total Brought Forward from Page No.	Page No 290		Amount	
Total Brought Forward from Page No.	291			
Carried Forward to Summary of Section No. 2		R		
Section No. 2 Bill No 14 - Tiling PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No		Quantity	Rate	Amount	
	<u>BILL NO. 15</u> <u>PLUMBING AND DRAINAGE</u> <u>(PROVISIONAL)</u> <u>(WORK GROUP 148)</u> <u>PREAMBLES</u>For preambles refer to <u>"Department of Public Works: Specification of</u> <u>Materials and Method to be used - PW371"</u> <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> Excavations Prices for excavations must include for necessary staging for risk of collapse of excavation side. Compacting Filling for all types of prices described as "under solid floors, etc" shall be done with approved backfilling and compacted to 93% Mod. AASHTO density, unless otherwise described Testing Descriptions for the testing of plumbing and drainage installations shall be deemed to cater for all testing apparatus, labour, etc. and shall be done strictly as directed by and in accordance to the Principal Agent's instructions, including for retesting after taking out and making good all defective work to his entire satisfaction				
	Carried to Collection Section No. 2 Bill No 15 - Plumbing and drainage PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14		R		

<u>Vitrified clay pipes:</u> Pipes shall rest on solid ground and, where necessary, pockets of sufficient size shall be cut around joints to enable the jointing to be properly performed or, alternatively, pipes shall be bedded full length on and including unreinforced concrete laid in a semi-dry state immediately before pipes are laid Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings <u>uPVC pipes and fittings</u> Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings Soil, waste and vent pipe fittings shall be solvent weld jointed <u>uPVC pressure pipes and fittings</u> Pipes for water supply shall be of the class stated Pipes of 40mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings <u>Copper pipes</u> Pipes shall be hard drawn and half hard pipes of the class stated. Class 0 (thin walled hard drawn pipes) shall not be bent. Class 1 (thin half hard), Class 2 (half hard) and Class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti siphon pipes, capillary solder fittings and compression fittings shall be "Cobra Watertech" type. Capillary solder fittings shall comply with ISO 2016. Only compression fittings shall be used in walls or ground.					

<u>Reducing fittings</u> Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60mm only the largest end or branch size is given. Should the Contractor wish to use other fittings and bushes or reducers , he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm all sizes are given and no claim for extra bushes, reducers will be entertained. <u>Excavations</u> No claim for extra rock excavation will be entertained unless the Contractor has timeously notified the Quantity Surveyor , thereof prior to backfilling, in writing "Soft rock" and "Hard rock" shall be as defined in "Earthworks" <u>Laying, Backfilling, Bedding, etc. of Pipes</u> Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with the manufacturer's instructions Where no manufacturer's instructions exist pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following: SABS 1200L : Medium Pressure Pipes LD : Sewers LE : Stormwater Drainage Pipes trenches, etc. shall be backfilled in accordance with Clauses 3, 5.5, 5.6, 5.7 and 7 of SABS 1200DB: Earthworks (Pipe Trenches) Pipes shall be bedded in accordance with Clause 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SABS 1200LB : Bedding (Pipes) Unless otherwise described bedding of rigid pipes shall be Class B bedding Carried to Collection Section No. 2 Bill No 15 - Plumbing and drainage PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

<u>Flush pans</u> Flush pans shall have straight or side outlets and "P" or "S" traps as necessary <u>Waste unions</u> Description of waste unions shall be deemed to include rubber or vulcanite plugs and chains <u>DRAINAGE</u> <u>NOTE:</u> All items in this section shall be deemed to fall into Work Group No 146 for Haylett formula purposes <u>SOIL DRAINAGE</u> Unless otherwise stated herein, all items in this section shall be deemed to fall into Work Group No 146 for Haylett formula purposes.				
Carried to Collection Section No. 2 Bill No 15 - Plumbing and drainage PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>RAINWATER DISPOSAL</u>				
<u>Fulbore cast iron outlets</u>				
1	150mm Diameter 90 degrees	No	26	
<u>Rainwater pipes in Columns</u>				
2	110mm Diameter uPVC pipe	m	424	
3	110mm Diameter Pluvia pipes	m	224	
4	Extra over 150mm rainwater pipe for bend	No	36	
5	Extra over 150mm rainwater pipe for splay cut end	No	36	
<u>SANITARY PLUMBING</u>				
<u>uPVC pipes</u>				
6	50mm Pipes fixed to walls	m	198	
7	50mm Pipes laid under slabs and including trenches not exceeding 1m deep	m	108	
8	110mm Pipes fixed to walls or soffits	m	202	
9	110mm Pipes laid under surface beds and including trenches not exceeding 1m deep	m	90	
10	110mm Pipe encased in concrete 20MPa/20 under surface beds and including excavation exceeding 1m and not exceeding 2m deep	m	79	
<u>Extra over upvc pipes for fittings</u>				
11	50mm Bend	No	52	
12	50mm Access bend	No	52	
13	50mm Access junction	No	52	
14	50mm Junction	No	52	
Carried to Collection			R	
Section No. 2 Bill No 15 - Plumbing and drainage PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

15	110 x 50mm Reducer	No	32		
16	110mm Plain bend	No	32		
17	110mm Access bend	No	32		
18	110mm Access junction	No	34		
19	110mm Pan connector	No	45		
20	110mm Bent pan connector	No	12		
21	110mm Two way vent valve	No	45		
<u>SANITARY FITTINGS</u>					
<u>"Franke" Stainless steel or similar and approved by the Principal Agent</u>					
22	Sink 1500 x 550 x 1064mm code 2630033	No	4		
23	Single bowl drop in sink size 800 x 460mm	No	5		
24	Combination bedpan and was-up sink size 1830 x 685 x 1050mm code 2630001 unit with 150mm high splash back to the rear.	No	4		
25	Bedpan sluice sink, size 1130 x 685 x 1050mm code 2630012 unit with 150mm high splash back to the rear.	No	6		
26	Oval a wall mounted wash hand basin code 2520029 size 429 x 340 x 185mm. Accessories include 32mm basin waste unslotted, 62mm flange, 80mm tailpiece "Cobra" code 308 or similar and approved by the Principal Agent.	No	14		
27	Drip sink/cleaner sink code 2630026 600 x 500 x 258mm. Fitted with stainless steel hinge bucket grid and a pair of stainless steel eagle brackets. Accessories include 32mm basin waste unslotted, 62mm flange, 80mm tailpiece "Cobra" code 308 or similar and approved by the Principal Agent.	No	5		
Carried to Collection				R	
Section No. 2 Bill No 15 - Plumbing and drainage PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

28	Bedpan and bottle rack code 2630017, size 960 x 350 x 505mm. Including unit complete with stainless steel drip tray.	No	7		
29	Hospital surgeon scrub-up unit code 2630041, size 1500 x 530mm with 150mm high integral splash back to back with reduced internal corners and provision for 40mm waste outlet(s).	No	1		
30	Slop hopper 540 x 540mm code 2630035-004 with a 100mm high integral splash back to the rear and both sides. Complete with a 107mm waste outlet(s).	No	3		
31	Stainless steel double bowl sink with drainer 1500 x 535mm	No	3		
32	Stainless steel plaster of paris sink	No	1		
33	1200 x 625 x 915mm "W-series" wall bench with 150mm intergral splashback	No	1		
34	1500 x 625 x 915mm "W-series" wall bench with 150mm intergral splashback	No	1		
35	1500 x 550mm "Franke" 1.2mm Grade 304 stainless steel model PPGL plaster of Paris Preparation sink with 150mm high intergral splash back to back and sides with preparation bowls	No	1		
36	Model BR6 code 04H02144 bedpan and bottle rack size 915 x 560 x 260mm fixed to wall.	No	3		
37	Model EC6 combination bedpan and wash-up sink size 1830 x 685mm with 150mm splashback, complete with bedpan spray nozzle, water spray nozzle, elbow action valves, mixer with over arm swivel outlet, single taphole mixer with extractable hand spray, 11 litre stainless steel high level cistern and flushpipe, complete with 40 x 40mm square stainless steel gallow brackets and front legs with adjustable foot pieces with floor fixing flanges. Unit to be supplied complete with taps G22018	No	1		
Carried to Collection				R	
Section No. 2 Bill No 15 - Plumbing and drainage PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

38	Hospital disposal unit code G22018(RT/LT) 304 stainless steel with satin polish finish, fitted with slop hopper at one end and a washup bowl, complete with a litre stainless steel cistern with metal lever flush handle. Unit to have two tapholes at 200mm centre unit to be supplied complete with flush master and sink mixer.	No	1		
39	Stainless steel cupboard 1000mm long x 600mm wide with double lockable doors and 3 shelves	No	2		
40	900 x 450mm Approved stainless steel perforated shower seat complete with all accessories and fixed to walls	No	5		
41	3 Tier 600 x 600 x 450mm deep stainless steel shelving complete with stainless steel wall band and brackets and fixed to walls	No	1		
	<u>"Stunning" or similar and approved by the Principal Agent</u>				
42	450 x 300mm Approved shower seat with white stainless steel frame and timber slats seat, plugged and screwed to wall with stainless steel coach screws.	No	8		
	<u>"Vaal Potteries" or other equal and approved by the Principal Agent</u>				
43	"Vaal" sanitary ware vitreous china universal half code 715222 pedestal	No	16		
44	Vaal "Hygia" Code 703611 sanitary ware fine fire clay 585 x 435mm Hospital basin.	No	23		
45	Vaal "Sola" Code 703700 sanitary ware vitreous china 510 x 400mm semi-rectangular medical basin, with no tap holes, overflow or chain stay hole. Accessories 32mm standing overflow, chrome plate code 8630Z0.	No	14		
46	"Vaal" vitreous china Protea Paraplegic suite Code 750246, 90 degrees outlet pan Code 750200 and matching 9 litre cistern Code 710631 complete with lid, fitments and purpose made CP side flush lever (left or right) or a back inlet exposed flush valves 750151 with solid hard plastic toilet seat and lid as Al de Lux (SABS CKS 301)	No	9		
	Carried to Collection			R	
	Section No. 2 Bill No 15 - Plumbing and drainage PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

47	"Vaal" Flatback wall hung urinal code 705326 sanitary ware vitreous china urinal overall size 415 x 315 x 275mm, including 38mm CP domical grading code 8787Z0, CP top inlet spreader code 8543Z0 and two hangar brackets code 8127Z0. Accessories include exposed top inlet flush-valve "Cobra" FJ 6000 or similar and approved by the Principal Agent flush-master.	No	13		
48	Drip sink size 540 x 460 x 180mm with 100mm integral splash back and complete with stainless steel grid and steel brackets	No	2		
49	900 x 900 x 150mm High Vitrex Eurosan "Letaba" enamel steel shower tray	No	10		
50	Steel enamel bath	No	9		
	<u>"Hygia" or other similar and approved by the Principal Agent</u>				
51	Semi-close couple suite with 90 degree outlet open rim washdown pan and matching 9 litre cistern complete with lid, "Tuscany" wooden seat and B2 thermoset seat.	No	1		
	<u>"Daisy" or other similar and approved by the Principal Agent</u>				
52	Semi-close couple suite with 90 degree outlet open rim washdown pan and matching 9 litre cistern complete with lid, "Tuscany" wooden seat and B2 thermoset seat.	No	12		
Carried to Collection				R	
Section No. 2 Bill No 15 - Plumbing and drainage PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>WASTE UNION</u>				
<u>"Cobra Watertech" or other equal and approved by the Principal Agent</u>				
53	Shower waste code 323 rough brass with 75mm diameter chromium plated shower grating	No	16	
54	32mm 301CP waste union	No	20	
55	38mm 316CP Sink waste union	No	12	
<u>TRAPS, ETC</u>				
<u>"Cobra Watertech" or other equal and approved by the Principal Agent</u>				
56	38mm Chromium plated bottle trap	No	20	
57	75mm Chromium plated bottle trap	No	18	
58	38mm 373/40 Shower trap	No	16	
<u>"Floor drain"</u>				
59	100mm Stainless steel "ROFO" drain installed as per manufacturer,s instruction	No	9	
<u>"Rubber"</u>				
60	40mm Deep seal "P" or "S" trap	No	44	
Carried to Collection				R
Section No. 2 Bill No 15 - Plumbing and drainage PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>TAPS, VALVES, ETC</u>				
	<u>"Brass"</u>				
61	15mm Stopcock	No	6		
	<u>"Cobra Watertech" or other equal and approved by the Principal Agent</u>				
62	15mm "Cobra" sink mixer TD 266/041 chromium plated	No	36		
63	15mm "Cobra" basin mixer chromium plated	No	24		
64	15mm stella 3311ST-15 pillar tap, with tapered flow straightened cobra watertech 32mm machine chrome plated slotted basin waste union (303), Cobra 309-32 "anti-theft" plug COBRA 345/50 bottle trap, 50mm pvc outlet., angle regulating valves 232/350	No	12		
65	15 mm 515/055-21 Elbow action medical mixer with swan neck swivel spout outlet "code No.044)	No	18		
66	15mm 433 "Carina" chromium plated shower set	No	14		
67	15mm No.068BJ Concorde chromium plated shower rose	No	2		
68	15mm No.232/350 "Cobra" chromium plated angle regulating valve	No	4		
69	15 mm Elbow action pillar tap	No	4		
	<u>Valves, control valves etc., fixed to copper pipes</u>				
	<u>"Cobra Watertech" or other equal and approved by the Principal Agent</u>				
70	22mm Cast brass fullway gate valve	No	12		
71	28mm Cast brass fullway gate valve	No	12		
72	35mm Cast brass fullway gate valve	No	16		
73	42mm Cast brass fullway gate valve	No	7		
	Carried to Collection			R	
	Section No. 2 Bill No 15 - Plumbing and drainage PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

[illegible]

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

[illegible]

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Section No. 2	Page No	Amount
Bill No. 15		
Bill No 15 - Plumbing and drainage		
<u>COLLECTION</u>		
Total Brought Forward from Page No.	293	
Total Brought Forward from Page No.	294	
Total Brought Forward from Page No.	295	
Total Brought Forward from Page No.	296	
Total Brought Forward from Page No.	297	
Total Brought Forward from Page No.	298	
Total Brought Forward from Page No.	299	
Total Brought Forward from Page No.	300	
Total Brought Forward from Page No.	301	
Total Brought Forward from Page No.	302	
Total Brought Forward from Page No.	303	
Total Brought Forward from Page No.	304	
Total Brought Forward from Page No.	305	
Carried Forward to Summary of Section No. 2		R
Section No. 2		
Bill No 15 - Plumbing and drainage		
PROVISIONAL BILLS OF QUANTITIES		
BID NO: DOH08NWER003/CON14		

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No		Quantity	Rate	Amount
	<u>BILL NO. 16</u> <u>GLAZING</u> <u>(WORK GROUP 150)</u> <u>PREAMBLES</u>For preambles refer to <u>"Department of Public Works: Specification of Materials and Method to be used - PW371"</u> <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> Prices Prices are to include for all square cutting and waste, cleaning off on completion and protection from injury. Areas are measured net to face of bare brickwork and concrete			
	<u>TOPS, SHELVES, DOORS, MIRRORS, ETC</u> <u>Mirror manufactured from 18/10 stainless steel with a reflective polished surface, drilled for screw to wall and reinforced with Novopan plates screwed to wall</u>			
1	Size 450 x 450 x 6mm High quality mirror with develled edges. Plug and screw to wall with chrome mirror screw, complete with screw caps. No	39		
2	Size 450 x 1600 x 6mm High quality mirror with develled edges. Plug and screw to wall with chrome mirror screw, complete with screw caps. No	4		
	Carried Forward to Summary of Section No. 2 Section No. 2 Bill No 16 - Glazing PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14		R	

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No		Quantity	Rate	Amount	
	<u>BILL NO. 17</u> <u>PAINTWORK</u> <u>(WORK GROUP 152)</u> <u>PREAMBLES</u>For preambles refer to <u>"Department of Public Works: Specification of Materials and Method to be used - PW371"</u> <u>SUPPLEMENTARY PREAMBLES</u> Paint All paint, complete with undercoat, primer, etc., to be used strictly in accordance with the manufacturer's specification. Only paint which bears the described trade names will be permitted on site. No substitution will be allowed Previously painted plastered surfaces Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth Access Rates for painting steelwork, shall include access, for unlimited height				
	Carried to Collection Section No. 2 Bill No 17 - Paintwork PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14		R		

<u>PAINTWORK, ETC</u>					
<u>PAINT ON FLOATED PLASTER</u>					
<u>Prepare, stop and apply one coat "Plascon" or similar and approved alkali resistant primer and two coats super acrylic emulsion paint for interior use</u>					
1	On internal walls	m2	3 960		
2	On concrete plastered soffits	m2	735		
<u>ON FIBRE CEMENT</u>					
<u>Prepare, stop and apply one coat "Plascon" or similar and approved alkali resistant primer and two coats acrylic emulsion paint for interior use</u>					
3	On fibre cement ceilings	m2	110		
<u>ON PLASTERBOARD</u>					
<u>Prepare, stop and apply one coat "Plascon" or similar and approved alkali resistant primer and two coats acrylic emulsion paint for interior use</u>					
4	On plaster board ceilings	m2	110		
<u>ON METAL</u>					
<u>Spot primer defects in pre-primed surfaces with zinc chromate primer, one universal undercoat and two coats "Plascon" or equal and approved enamel paint</u>					
5	On pressed steel door frames	m2	60		
6	On steel gates	m2	119		
7	On structural steel members	m2	225		
8	On structural steel members, not exceeding 300mm girh	m	1		
9	On rails, bars, pipes, etc	m	48		
Carried to Collection				R	
Section No. 2 Bill No 17 - Paintwork PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

[illegible]

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

[illegible]

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

Bill No	SECTION SUMMARY - Section 2 - Builders' Work	Page No	Amount
1	Bill No 1 - Alterations	214	
2	Bill No 2 - Earthworks	222	
3	Bill No 3 - Concrete, formwork and reinforcement	231	
4	Bill No 4 - Masonry	237	
5	Bill No 5 - Waterproofing	241	
6	Bill No 6 - Roof Covering	245	
7	Bill No 7 - Carpentry and Joinery	250	
8	Bill No 8 - Ceilings, Partitions and access flooring	255	
9	Bill No 9 - Floor Coverings, Wall Linning, etc.	260	
10	Bill No 10 - Ironmongery	268	
11	Bill No 11 - Structural Steel	273	
12	Bill No 12 - Metalwork	285	
13	Bill No 13 - Plastering	289	
14	Bill No 14 - Tiling	292	
15	Bill No 15 - Plumbing and drainage	306	
16	Bill No 16 - Glazing	307	
17	Bill No 17 - Paintwork	311	
Carried to Final Summary			
Section No. 2 PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No		Quantity	Rate	Amount	
	<u>SECTION 3</u> <u>BILL NO 1</u> <u>PREAMBLES</u> <u>SCOPE OF WORKS</u> <u>INDEX - SCOPE OF WORKS</u> PS1 GENERAL DESCRIPTION OF THE WORKS PS2 DRAWINGS PS3 ENGINEERING GEOLOGICAL CHARACTERISTICS PS4 FEATURES REQUIRING SPECIAL ATTENTION PS5 SETTING OUT OF WORKS PS6 OCCUPATIONAL HEALTH AND SAFETY (OHS) <u>PS1 GENERAL DESCRIPTION OF THE WORKS</u> The works require the construction of terraces for building. - Clearing and grubbing of the site - Removal and stockpiling of soil - Cut and borrow to fill operations for the platforms - Finishing of cut and fill slopes - Paving - Sewer and water pipelines, Stormwater channels and appurtenances - Retaining wall - Mass earthworks				
	Carried to Collection		R		
	Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

<u>PS2 DRAWINGS</u> The drawings included in the tender documents are intended for the tender purposes only and shall not be used for construction purpose. Only working drawings which have been approved by the Engineer and marked as follows: Approved for construction by: and which have been signed and dated by the Engineer and officially issued to the contractor for construction shall be used on the works. <u>PS3 ENGINEERING GEOLOGICAL CHARACTERISTICS</u> A Geotechnical investigation was carried out by Mabu Geotechnical Consultancy and the results are available on request. Before tendering, the contractor must form his own opinion as to the character of the strata through which the excavations are to be made and as to the level and amount of ant water, which may have to be dealt with in making the excavations. The Employer will not be liable for any claim that may be laid against him on account of inaccurate or insufficient indication given, implied or contained in ant holes, geophysical data or other information.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															</
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

<u>PS4 FEATURES REQUIRING SPECIAL ATTENTION</u>	PS4.1 Existing services & Co-ordination with Utility Providers	The contractor shall co-ordinate with utility providers to have all services clearly marked on site. Existing services shall be exposed by hand excavation, and the contractor will be held responsible for damages to any existing works and any damages caused shall be made good at his own cost.	Under no circumstances shall the contractor alter in any way interfere with existing works or underground services unless authorised by the Engineer. The contractor shall assess the probability of existing services and shall make necessary arrangements and take appropriate precautions to avoid damage to these services.	PS4.2 Protection of Public and Property	Watching, Lighting and Barricading	The contractor must employ competent watchmen. He shall fence or otherwise protect all parts of the works dangerous to the safety of the Public or property.	When roads are closed or partly closed to traffic, warning boards in terms of Colto Section 1500: Accommodation of Traffic shall be erected. All roads shall be fully opened to traffic between sunset and sunrise.	PS4.3 Other Contractors on the Site of Works	The contractor shall note that the site of the works may be shared with other contractors carrying out the construction of electrical, mechanical, telecommunication services, building works and civil works, The contractor shall allow in his rates for co-ordination with other contractors and any special protective measures required. No claim relating to co-ordination with other contractors on site shall be considered.	Carried to Collection	R	Section No. 3	Bill No 1 - General Site Works	PROVISIONAL BILLS OF QUANTITIES	BID NO: DOH08NWER003/CON14
---	---	---	---	--	---	---	--	---	---	-------------------------------------	----------	----------------------	---------------------------------------	---	--

<u>PS5 SETTING OUT OF WORKS</u>	Any assistance regarding setting out of the works given to the contractor by the Engineer including checking of setting out will not relieve the contractor of his responsibility of liability under the contract. Should any error occur, the contractor will be held responsible for making good the error.	<u>PS6 OCCUPATIONAL HEALTH AND SAFETY (OHS)</u>	PS6.1 General Statement	It is a requirement of this contract that the contractor shall provide a safe and healthy working environment and to direct all his activities in such a manner that his employees and any other persons, who may be directly affected by his activities, are not exposed to hazards to their health and safety. To this end the provisions of the Occupational Health and Safety (OHS) Act (Act 85 Amendment Act 181) of 1993, and the Construction Regulations 2003 issued on 18 July 2003 by the Department of Labour. Contractor to complete Forms OHS 1 and OHS 2.	For the purpose of this contract the contractor is required to confirm his status as mandatory to the Employer (Client) and Employer in his own right for the execution of the contract.	Carried to Collection	R	Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14

PS6.2 Contractors Health and Safety Plan				
The Tenderer shall submit with his tender sufficient proof that he has a Health and Safety Plan in place and provide such proof on request by the Employer during the tender evaluation stage. Failure to provide such proof may disqualify the tenderer.				
The contractors Health and Safety Plan will be subject to approval by the Employer, or amendment if necessary, before commencement of construction work. The Contractor will not be allowed to commence work, or his work will be suspended if he has already commenced work, before he has obtained the Employers written approval of his Health and Safety Plan.				
The contractor shall not be entitled to claim for extension of time or standing time and the related costs for any delays due to delayed commencement or suspension of the work arising from the lack of approval of a Health and Safety Plan.				
Carried to Collection				
Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			R	

<u>TECHNICAL SPECIFICATIONS</u>				
<u>PART C3.2.1 STANDARDISED SPECIFICATIONS</u>				
<u>1. STANDARDISED SPECIFICATIONS</u>				
The following specifications shall apply for the construction of the works.				
(i) The COLTO Standard Specifications for Road and Bridge works for State Road Authorities (1998).				
(ii) The COLTO Supplementary Notes to tenderers and supplementary specifications and supplementary forms for road and bridge works for state road Authorities in respect of the Employment of Emerging Contractors and Labour Intensive Projects (2000).				
The contractor may purchase copies of Volume (ii) from the South African Institution of Civil Engineers. Copies of Volume (iii) can be purchased from the Department of Public Transport, Roads and Works. (Enquiries: Tel: (012) 310 2285)				
SAICE Waterfall Park Postnet Suite 8 Howick Gardens Vorna Valley Halfway House Berker Street Private Bag x65 Midrand 1685 Tel: (011) 805 5947 Fax: (011) 805 5971				
Carried to Collection			R	
Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

<u>2. SANS or BS SPECIFICATIONS AND CODES OF PRACTICE</u>	Wherever any reference is made to the South African National Standard (SANS) and the British Standards Specification (BSS) in either these Bill of Quantities or the Specification of Materials and Methods to be Used (OOG-001E), this reference shall be deemed to read SANS or equivalent standard and BS or equivalent standard respectively.	<u>PART C3.2.2 VARIATIONS AND ADDITIONS TO THE STANDARDISED SPECIFICATIONS</u>	This part deals with matters relating to the standard specifications. Where reference is made in the standard specifications to the project specifications this shall also contain the relevant information e.g the requirements where a choice of materials or construction methods are provided for in the standard specifications.	In certain clauses the standard specifications allow a choice to be specified in the project specifications between alternative materials or methods of construction and for additional requirements to be specified to suit a particular contract. Details of such alternatives or additional requirements applicable to this contract are contained in this part of the Scope of Works. It also contains some additional specifications and amendments of the standard specifications required for this particular contract.	The number of each clause and each pay item in this part of the project specifications consists of the prefix B followed by a number corresponding to the number of the relevant clause or pay item in the standard specifications. The number of a new clause or a new pay item, which does not form part of a clause or a pay item in the standard specifications and is included here, is also prefixed by B followed by a new number used in the numbers follow on the last clause or item number used in the relevant section of the Standard specifications.	Carried to Collection	R	Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14
---	--	--	--	---	---	-------------------------------------	----------	---

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>CONTENTS</u>				
<u>COLTO:</u>				
COLTO				
SECTION 1200: GENERAL REQUIREMENTS AND PROVISIONS				
SECTION 1500: ACCOMODATION OF TRAFFIC				
SECTION 1600: OVERHAUL				
SECTION 1700: CLEARING AND GRUBBING				
SECTION 1800: DAYWORKS				
SECTION 2100: DRAINAGE				
SECTION 2200: PREFABRICATED CULVERTS				
SECTION 2300: CONCRETE KERBING, CHANNELLING, OPEN CONCRETE CHUTES CONCRETE				
LINING FOR OPEN DRAINS				
SECTION 3300: MASS EARTHWORKS				
SECTION 3400: PAVEMENT PAVERS OF GRAVEL MATERIALS				
SECTION 3500: STABILISATION				
SECTION 5500: FENCING OF BORROW PIT				
SECTION 7300: PAVING				
Carried to Collection			R	
Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

SABS				
WATER RETICULATION				
- SABS 1200C - SABS 1200DB - SABS 1200L - SABS 1200LB				
SEWER RETICULATION				
- SABS 1200C - SABS 1200DB - SABS 1200L - SABS 1200LB				
STORWATER				
- SABS 1200LE				
STRUCTURAL CONCRETE				
- SABS 1200G				
REINFORCEMENT				
- SABS 920				
STRUCTURAL STEEL				
- SABS 1200H				
<u>B1202 SERVICES</u>				
Add the following to the fifth paragraph: "Provision is made in the bill of quantities for payment for searching and exposing of known or unknown services as well as the relocation and/or protection of existing services. Any moving of existing services which may be required within the proclaimed road reserve will be undertaken by the relevant service authorities or by a selected subcontractor if so ordered by the Engineer."				
Carried to Collection			R	
Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

B1231 COMMUNITY LIASON OFFICER (CLO)	The contractor or his appointed agent will appoint a Community Liason Officer (CLO) after consultation with the local communities, the Engineer and the employer. The contractor shall direct all his liaison efforts with the local communities through the appointed officer. The contractor shall, however, accept the appointed as part of his management personnel.	(a) Duties of the Community Liaison Officer	The Community Liaison Officer's duties will be:	(i) To be available on site daily between the hours of 07h00 and 17h00 and at other times as the need arises. His normal working day will extend from 07h00 in the morning until 17h00 in the afternoon.	(ii) To determine, in consultation with the contractor, the needs of the temporary labour for relevant skills training. He will be responsible for the identification of suitable trainees and will attend one of each of the training sessions.	(iii) To communicate daily with the contractor and the engineer to determine the labour requirements with regard to numbers and skill, to facilitate in labour disputes and to assist in their resolution.	(iv) To assist in and facilitate in the recruitment of suitable temporary labour and the establishment of a "labour desk".	Carried to Collection	R	Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14
---	---	---	--	---	---	---	---	--	-------------------------------------	---

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	(v)	To attend all meetings in which the community and/or labour are present or are required to be represented.				
	(vi)	To assist in the identification, and screening of labourers from the community in accordance with the contractor's requirements.				
	(vii)	To inform temporary labour of their conditions of temporary employment and to inform temporary labourers as early as possible when their period of employment will be terminated.				
	(viii)	To attend disciplinary proceedings to ensure that hearings are fair and reasonable.				
	(ix)	To keep a daily written record of his interviews and community liaison.				
	(x)	To attend monthly site meetings to report on labour and RDP matters.				
	(xi)	All such other duties as agreed upon between all parties concerned.				
	Carried to Collection				R	
	Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

	(b) Payment for the community liaison officer A special pay item is incorporated in section 1200 of the bill of quantities relating to payment of the liaison officer on a prime cost sum basis. This payment shall only be made for the period for which the duties of the liaison officer are required. The remuneration of the CLO shall be determined by the Employer in terms of the Sectorial determination 2: Civil Engineering Sector (Task grade 3). (c) Period of employment of the community liaison officer The period of employment of the community liaison officer shall be as decided upon jointly by the contractor, engineer and employer at a maximum period of a six months basis, but with the option of renewal. B12.07 MEASUREMENT AND PAYMENT Add the following items: “ITEM			
	</			

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

B12.01 Excavation				
Excavating material within the following depth ranges below ground level for the exposing of/or searching for services				
(a) 0m to 2m				
(i) soft material cubic metre (m³)				
(ii) hard material cubic metre (m³)				
(b) Extra over item B12.01(a) for excavation by means of hand tools such as picks, crowbars and pneumatic tools or mechanical breakers in close vicinity of services where no machine excavation is permitted				
(i) soft material cubic metre (m³)				
(ii) hard material cubic metre (m³)				
Measurement and payment shall be as specified for item 22.01 in the standard specifications.				
ITEM				
Carried to Collection			R	
Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

B12.02	Backfilling	(a) Using the excavated material cubic metre (m³) (b) Using imported selected material cubic metre (m³) Measurement and payment shall be as specified for item 22.02 in the standard specifications. ITEM B12.03 (a) Allow a provisional sum for existing services to be relocated and/or protected as ordered by the engineer provisional sum (b) Handling costs and profit in respect of subitem B12.03(a) above percentage (%) Measurement and payment shall be in accordance with the general conditions of contract." ITEM	Carried to Collection	R	Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14
---------------	--------------------	---	------------------------------	---	---

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

B12.04	Provision for a Community Liaison Officer				
a)	Provisional sum for the payment of the Community Liaison Officer Provisional Sum				
b)	Handling costs and profit in respect of sub-item B12.04(a) Percentage (%)				
Expenditure of the above item shall be made in accordance with the general conditions of contract.					
The tendered percentage is a percentage of the amount actually spent under the sub-item B12.04 (a), which shall include full compensation for the handling costs of the contractor, and the profit in connection with providing the community liaison officer.					
Carried to Collection				R	
Section No. 3 Bill No 1 - General Site Works					
PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

<u>SECTION 1500: ACCOMMODATION OF TRAFFIC</u>	<u>B1503 TEMPORARY TRAFFIC CONTROL FACILITIES</u>	Add the following after the first paragraph:	“All temporary road signs, devices, sequences, layouts and spacing shall comply with the requirements of the Road Traffic Act, 1996 (Act 93 of 1996), the National Road Traffic Regulations, 2000, the South African Road Traffic Signs Manual, the requirements of the relevant road authority and the drawings. All temporary traffic control facilities shall comply with the guidelines set in SA Road Traffic Signs Manual, Volume 2, Chapter 13: Roadworks Signing, (SARTSM, June 1999, obtainable from the Government Printer, Pretoria).”	Carried to Collection	R	Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14
---	---	---	--	-------------------------------------	----------	---

(b) Road signs and barricades	Add the following:	“All the temporary road signs are to be mounted on posts as specified in section 5600 of the specifications. Provision shall be made for the supply and erection of the signs and the maintenance of the signs during the construction period. Provisions shall also be made for the removal of the temporary road signs on completion of the construction work when such signs are no longer required.	Temporary road signs and channelization devices shall be manufactured in accordance with the latest edition of the South African Road Traffic Signs Manual (June 1999) and placed as shown on the drawings and in Road Signs Note 13. Delineators shall be manufactured from a non-metal material and shall be mounted on a base section also manufactured of non-metal material. Single as well as back-to-back mounted delineators are required.	The obligation to arrange safe passage of traffic shall always be vested with the contractor regardless what is indicated on the drawings of the engineer.”	Carried to Collection	R	Section No. 3	Bill No 1 - General Site Works	PROVISIONAL BILLS OF QUANTITIES	BID NO: DOH08NWER003/CON14
---	---------------------------	--	---	--	-------------------------------------	----------	----------------------	---------------------------------------	---	--

(c) Channelization devices and barricades	
Add the following:	
“Drums shall not be used as channelization devices.	
TW 401 and TW 402 delineators shall comply with the following requirements:	
a) It shall be manufactured from a flexible material and shall comply with SABS 1555. The blade portion of the delineator shall be positively affixed to a base unit which in turn shall be stable on its own or be stabilized by means of sandbags when used on the road.	
ii) The blade shall be retro-reflectorised, with class 1 yellow sheeting on the side facing oncoming traffic..	
iii) It shall nominally be 1000mm high x 250mm wide and the bottom edge of the delineator shall not be more than 200mm above the road surface.	
iv) It shall be subject to the approval of the Engineer.	
The maximum spacing between centres of delineators shall be as shown on the drawings or as directed by the Engineer.”	
Carried to Collection	R
Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14	

(e) Warning devices				
Add the following:				
“It is a requirement of this contract that all construction vehicles and plant used on the works will be equipped with rotating amber flashing lights and warning boards as specified in the standard specifications. Construction vehicles travelling outside the limits of construction areas shall however, not operate the warning lights.				
The warning lights shall have a base diameter of at least 170mm and the amber bulb cover a height of a least 150mm high. It shall be a requirement that the contractor also provides the engineer’s site personnel with warning lights for their vehicles (a maximum of two lights are required) without any payment applicable.				
Carried to Collection				
Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			R	

<u>B1514</u> <u>TEMPORARY FENCING AND GATES</u> Replace the contents of this clause with the following: “Where temporary fencing is ordered by the engineer, it shall be paid for under item 55.06 of the standard specifications. The temporary fencing shall be new fencing material, which shall subsequently be dismantled and removed and erected at an alternative position as directed by the engineer. When ordered by the engineer, temporary fences and gates shall be moved to new locations or either left in place or when no longer required be dismantled and removed from site if so directed. Allowance is made in the bill of quantities for moving existing fences and gates.” Add the following clause: <u>B1517</u> <u>RETRO-REFLECTIVE MATERIAL</u> “Retro-reflective material for temporary signs shall comply with the requirements of SABS 1519-1 for weathered material. Tests shall be carried out with a field retro-reflectometer and the testing procedure and classification are described in Clause B 8118. The value of the coefficient of Retro-Reflection shall be at least 60% of the values indicated in Table B 8118/1.” <u>B1518</u> <u>MEASUREMENT AND PAYMENT</u> Renumber item 15.01 as B15.01 and add the following: ITEM <u>B15.01</u> <u>Accommodating traffic and maintaining temporary deviations:</u> Carried to Collection Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

	Add the following to the payment paragraph: “The tenderers must note that this item is all inclusive of ALL items for accommodating traffic (i.e. must include for the provision, maintenance, moving and relocation of all the required traffic control facilities, flagmen etc), except those items which are specifically listed separately in section 1500 of the Schedule of Quantities. The rate provided must also cover for several closures of the same section of road, i.e. each kilometre of road closure will be paid only once, and the tenderer should allow for this in the rate for item B15.01. Temporary signage must be provided and maintained for the diversion as shown on the typical drawings for low traffic volume roads.” “The tendered rate shall also include for all measures necessary to safeguard traffic on temporary deviations during blasting operations as well as all temporary traffic-control facilities for temporary deviations.” Delete all references to half width construction under payment item 15.01. Half width construction will be measured under payment item 15.10. Re-number item 15.02 as B15.02 and add the following: “This section provides only for construction materials that will be required for the Construction of the temporary deviations using the materials specified below to be sourced Commercially” <table><tr><td>“ITEM</td><td>UNIT</td></tr></table> Carried to Collection Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14	“ITEM	UNIT							
“ITEM	UNIT									

<u>B15.02 Earthworks for temporary deviations</u>	(b) Cut and borrow to fill	Replace the last paragraph under (b) with the following:	“The tendered rate shall include full compensation for procuring material from approved commercial sources, overhaul, furnishing, placing and compacting the fill”	Add the following sub-item:	“ITEM	<u>B15.03 Temporary traffic control facilities</u>	(n) Provision of high visibility safety jackets and safety hats number (No)	The unit of measurement shall be the number of safety jackets supplied to the supervisory staff.	The tendered rate shall include full compensation for providing and maintaining hats and the jackets equipped with high visibility retro-reflective and/or fluorescent panels in red, yellow and white for the duration of the contract”.	ITEM	Carried to Collection	R	Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14
---	--	---	---	------------------------------------	--------------	--	---	---	--	--------------------	-------------------------------------	----------	---

<u>B15.05 Gravelling and repair of temporary deviations</u>	Replace the last paragraph with the following:	"The tendered rate shall include full compensation for sourcing materials from approved borrow pits, overhaul, furnishing, placing and compacting the gravel wearing course, and the repair of the temporary deviations"	Add the following items:	"ITEM	<u>B15.14 Allow provisional sum for:</u>	(a) repair of damaged temporary road signs and delineators provisional sum	(b) replacement of damaged temporary road signs and delineators provisional sum	The provisional sums allowed under sub-items (a) and (b) shall be expended on a dayworks basis in terms of the provisions of the general conditions of contract.	Payment shall only be made in respect of repair work or replacement of such temporary traffic-control facilities arising from damage or loss occasioned by the travelling public and which did not arise from negligence or non-compliance with the requirements of the specifications on the part of the contractor.	Carried to Collection	R	Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14
--	---	---	---------------------------------	--------------	---	--	---	---	--	--	----------	---

<u>SECTION 1700: CLEARING AND GRUBBING</u>	<u>B1702 DESCRIPTION OF WORK</u>	Amend payment item 17.01 to read as follows:	The contractor shall make his own arrangement for disposing of trees and materials, including domestic refuse, building rubble, debris, etc. obtained from the site clearance operation will be disposed at approved sites located by the Contractor. No overhaul will be measured or paid for disposal of excavated or unsuitable material.	<u>B1704 MEASUREMENT AND PAYMENT</u>	Amend payment item 17.01 to read as follows:	B17.01 Clearing and grubbing including removal and grubbing of large tree stumps, irrespective of girth hectare (ha).	The payment description shall apply as stated in 17.01 and 17.02	B17.07 Clearance and grubbing of the main stormwater outfall drainage pipe to a width of 6 meter, including removal of trees meter (m).	The unit rate shall be the linear meter of the trench cleared and grubbed to the stated width.	The payment description shall apply as stated in 17.01 and 17.02	Carried to Collection	R	Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14
---	---	--	---	---	--	---	---	---	---	---	------------------------------	---	---

<u>SECTION 1800: DAYWORKS SCHEDULE</u>				
Note: This is a new section added to the Standard Specifications.				
Add the following:				
<u>B1801 SCOPE</u>				
This section covers the listing of dayworks items for use in determining payment for work which cannot be quantified in specific pay item "units" in the bill of quantities or work ordered by the engineer during the construction period which was not foreseen at tender stage for which no applicable rate exists in the schedule or for work of a special or different character warranting special payment as decided by the engineer.				
<u>B1802 ORDERING OF DAYWORKS</u>				
No dayworks shall be undertaken unless specific written authorisation is obtained from the engineer.				
<u>B1803 MEASUREMENT AND PAYMENT</u>				
The engineer may order the following daywork items:				
B18.01 Labourers:				
(i) Unskilled Hour (h)				
(ii) Semi-skilled Hour (h)				
(iii) Skilled Hour (h)				
Carried to Collection			R	
Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

B18.02	Foreman	Hour (h)				
B18.03	Tipper trucks:					
(i)	3 - 5 ton	Hour (h)				
(ii)	5,1 - 10 ton	Hour (h)				
B18.04	Loader (0,5m³)	Hour (h)				
B18.05	Grader (CAT 140G or similar)					
B18.06	LDV	Hour (h)				
B18.07	Compaction Rollers:					
(i)	Vibrator roller	Hour (h)				
(ii)	Tamping roller	Hour (h)				
(iii)	Grid roller	Hour (h)				
B18.08	Hand Controlled roller:					
(i)	Compactors Pedestrian (Bomag BW90)	Hour (h)				
(ii)	Vibratory plate	Hour (h)				
Carried to Collection					R	
Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14						

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

(iii) Rammers		Hour (h)			
B18.09	Water truck	(min 10000 l)Hour (h)			
B18.10	Dozer	(D7 or similar)Hour (h)			
The unit of measurement shall be the actual number of hours worked by labourers or foremen or an item of plant. The tendered rates shall include full compensation for all cost items including overheads, head-office expenses and profits as described in subclause 6.5 of the general conditions of contract and shall be subject to contract price adjustment as provided for in the contract. The mark-ups on dayworks items in accordance with the Appendix to the Tender shall not be applicable on daywork items listed in the bill of quantities in terms of the above specifications. In the event of new daywork rates being requested for items not appearing in the bill of quantities, then the provisions of the general conditions of contract and the Appendix to the Tender shall apply. Prior to the commencement of any work by the labourers described under item B18.01, the contractor must obtain written consent from the engineer regarding the classification and composition of all labourers in terms of “unskilled” and “skilled” labourers required for the work as ordered by the engineer.”					
Carried to Collection					
Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				R	

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

[illegible]

<u>SECTION 2200: PREFABRICATED</u> <u>CULVERTS</u> <u>B2201 SCOPE</u> Add the following: “All rectangular culverts with spans from 0,9m up to and including 2,4m shall be constructed with precast units. The attention of the contractor is drawn to the fact that information given on the plans, longitudinal sections or drainage schedules may have to be altered to suit actual site conditions and, therefore, the contractor shall only construct these culverts after the engineer has verified the information on the drawings from detail surveys taken on site by the contractor as directed by the engineer. Precast units shall be ordered by the contractor from actual measurements of length acquired on the site and not from lengths stated in the drainage schedule or from the bill of quantities. No precast units shall be ordered until the engineer has satisfied himself that the proposed units have been manufactured to the required tolerances and loading standards. The engineer must be given the opportunity to load test units if he considers this necessary”. Carried to Collection Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

<u>B2203</u>	<u>MATERIALS</u>				
(f)	Skewed Ends				
Delete the second and third paragraphs and substitute with the following:					
“Precast portal and rectangular culverts placed on a skew shall be supplied with cast in situ skewed ends as shown on the drawings. In situ skew ends are to be constructed simultaneously with the wingwalls and headwalls”.					
<u>B2204</u>	<u>CONSTRUCTION METHODS</u>				
Add the following:					
“In all cases where soft founding materials is classified as suitable for culvert bedding construction, the in situ material shall be ripped, moistened and compacted to 90% or 93% modified AASHTO density. The depth of preparation and compaction of founding material shall be as indicated on the drawings or as specified by the engineer. Allowance for measurement and payment for this work is made in the bill of quantities under this section.”					
Carried to Collection					
Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					
R					

(c) Excavation by hand	Where circumstances prevent the use of mechanical excavators and material can be removed only by hand tools, the engineer shall authorise the supplementary payment to the contractor for such work at the tendered rates for excavation by hand should he be satisfied that the contractor had been unable to prevent the necessity for excavation by hand by proper planning and precautionary measures. The supplementary rate for excavation by hand shall not apply to minor finishing or clearing jobs in excavations which are otherwise being done by mass excavation plant. Payment for hand excavation shall be an "extra over" payment to normal excavation as allowed for in item 22.01." <u>B2205 EXCAVATION FOR</u> <u>CONSTRUCTION BY TRENCH METHOD</u> Add the following subclauses: "(c) Excavation by hand Where circumstances prevent the use of mechanical excavators and material can be removed only by hand tools, the engineer shall authorise the supplementary payment to the contractor for such work at the tendered rates for excavation by hand should he be satisfied that the contractor had been unable to prevent the necessity for excavation by hand by proper planning and precautionary measures. The supplementary rate for excavation by hand shall not apply to minor finishing or clearing jobs in excavations which are otherwise being done by mass excavation plant.	Carried to Collection	R	Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14
-------------------------------	---	------------------------------	----------	---

Payment for hand excavation shall be an "extra over" payment to normal excavation as allowed for in item 22.01.	(d) Drainage of excavations	The contractor shall apply suitable, effective drainage and dewatering methods for preventing the ingress of water into the excavation and to keep them dry.	Drainage measures, with the exception of pumping, shall be maintained until the backfilling has been completed. Between various construction stages, pumping may be interrupted in consultation with the engineer.	Any draining or pumping of water shall be done in a manner as will preclude the concrete or materials or any part thereof from being carried away.	Allowance for measurement and payment for dewatering and keeping dry of culvert excavations is made in the schedule in this section".	Carried to Collection	R	Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14
--	---	---	---	---	--	-------------------------------------	----------	---

<u>B2210 LAYING AND BEDDING OF REFABRICATED CULVERTS</u>	<u>B2210 (b) (i) Cast in situ invert slabs</u>	Replace with the following:	"In accordance with the drawings, transverse construction joints are required in cast in situ concrete invert slabs for portal culverts. In addition, longitudinal construction joints as shown on the drawings between the invert slabs of each of the barrels of multiple culverts are required. Allowance for measurement and payment for a Class F1 surface finish and soft board in these joints is made in the bill of quantities. No payment shall be made for formwork on the outside edges of invert slabs (closest to excavated face).	All culverts (precast as well as in situ) shall be constructed with an in situ reinforced concrete floor laid on a 75mm concrete screed".	Delete subclause B.2210(b)(ii) : "Prefabricated floor slabs."	<u>B2211 BACKFILLING OF PREFABRICATED CULVERTS</u>	Change the last sentence in the fourth paragraph to read "90% or 93% as shown on the drawings or as directed by the engineer."	Carried to Collection	R	Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14

<u>B2212 INLET AND OUTLET STRUCTURES, CATCHPITS AND MANHOLES</u>				
(b) Concrete work				
Add the following:				
“The type of surface finish for in situ concrete in the culverts shall be as indicated on the drawings. Generally all exposed faces shall be of Class F2 formwork and faces covered by backfill shall be Class F1. The top of parapet walls and wingwalls shall be finished to a Class U2 surface finish.”				
(h) Prefabricated inlet and outlet structures				
Add the following:				
“The use of precast concrete inlets and outlets as described in clause 2212(h), shall not be allowed under any circumstances. Cast in situ concrete wingwall type inlets and outlets shall be constructed as indicated on the drawings and shall be in accordance with section 6000 of the Standard Specifications. Allowance for measurement and payment for wingwall type inlets and outlets is made in the schedule in this section.”				
Carried to Collection			R	
Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

B2218 MEASUREMENTS AND PAYMENT				
Add the following:				
"ITEM				
B22.01 (c) Extra over subitem 22.01 (a) for excavation by hand using hand tool cubic metre (m³)				
Measurement shall be as specified for pay item 22.01 of the standard specifications.				
The tendered rate shall include full compensation for carrying out the excavations by hand where circumstances prevent the use of mechanical excavators.				
ITEM				
B22.07 (f) Formwork for joints in cast in situ concrete invert slabs				
(i) Transverse construction joints (type indicated) square metre (m²)				
(ii) Longitudinal joints (as per drawing) (m)				
Measurement and payment shall be as specified in item 22.07 of the standard specifications with the exception that formwork for construction joints in cast in situ invert				
Carried to Collection			R	
Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

slabs in trench conditions as indicated on the drawings, shall be measured and paid for in accordance with section 6200 of the standard specifications. No payment shall be made for formwork to the outside edges of invert slabs (closest to excavated face)."	Add the following to pay item 22.08:	"In addition to the requirements for measuring concrete backfill to rectangular culverts as specified for item 22.08, the following shall apply:	Concrete backfill shall be measured to the actual dimensions of the precast units, i.e. actual volumes between ribs and haunches shall be taken into account. For the purpose of calculating concrete backfill quantities, the horizontal dimensions of the concrete backfill on the outside of the culvert(s) (closest to excavated face), shall be taken as 100mm maximum irrespective of what type or make of precast portal is used or the actual width of the excavation.	The width of the concrete backfill between portals in the case of multiple culverts, shall be taken as 80mm for precast units with a leg height of 1500mm and 100mm for precast units with a leg height exceeding 1500mm. The vertical dimensions, in both cases, shall be equal to the height of the portal".	ITEM	Carried to Collection	R	Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14
---	---	---	---	---	--------------------	-------------------------------------	----------	---

B22.32 Cutting of concrete pipes				
a) Diameter indicated Number (No.)				
The unit of measurement shall be the number of pipes that have been cut. The tendered rate shall be full compensation for the cutting, by means of mechanical saw (angle grinder) and finishing off of the pipes for the specific angle of skew at which the pipes must be laid.				
Cutting of pipes shall only be paid for if the headwall of the wingwalls are at such a skew angle in respect to the centre line of the pipes that cutting is required and where non-standard lengths are required. The maximum skew angle at which pipes are allowed to be cut shall be 30 degrees and the minimum length of pipe, measured along the shortest side, shall be 1,5m."				
Classification of soft/hard materials as well as all quantities shall be agreed upon and finalised as the work progresses.				
Carried to Collection				
Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			R	

<u>SECTION 2300: CONCRETE KERBING, CONCRETE CHANNELLING, CHUTES AND DOWNPIPES AND CONCRETE LININGS FOR OPEN DRAINS</u>	<u>B2301 SCOPE</u>	Add the following:	“The position and length of the following types of concrete kerbs and channels are indicated on the geometric layout plans, typical drawings and on the drainage plans.	Type A: In situ concrete channel, 0,8m wide on fills	Type B: Precast concrete kerbing, semi-mountable (SABS 927-1969)	Type C: In situ concrete kerbing at intersections	Edge beam: In situ concrete kerbing at farm access and bus stops	Type E, F1 & F2: In situ concrete “V”-shaped channels in side drains and open drains.”	Carried to Collection	R	Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14
--	----------------------------------	---------------------------	--	---	---	--	---	---	-------------------------------------	----------	---

<u>B2302 MATERIAL</u>				
Add the following new subclauses:				
(e) Metal pipes				
“Metal pipes down side slopes shall comply with the requirements of clause 2203 of the standard specifications.”				
<u>B2304 CONSTRUCTION</u>				
(d) Slip form kerbing				
Add the following:				
“Slip-form kerbing shall under no circumstances be allowed.”				
(e) Cast in situ kerbs and channels				
Add the following:				
“Forming and templates used to form joints between alternate sections shall be of steel plate of which the thickness shall not be less than 5mm.”				
Add the following new subclauses:				
Carried to Collection			R	
Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

(i) Construction sequence	Replace paragraphs (i), (ii) and (iii) with the following:	“In all cases where kerbing and/or channelling adjoin the bituminous surface of the road, the kerbing and/or channelling may only be constructed after the bituminous surface has been completed.	Before commencing with the kerbing and/or channelling, the surfacing and the base, shall be accurately cut to line with a mechanical saw to a minimum depth of 75mm. After excavation the concrete shall then be cast against the cut surface without formwork. All material outside the cut line must be carefully removed to the required thickness of concrete without damaging the edge before commencing with the casting of the concrete. No payment shall be made for repair work as instructed by the engineer to damage caused by the cutting/excavating process of surfacing and base layers. Any concrete spilt onto the surfacing shall immediately be removed and cleaned. Where so required by the engineer, the contractor shall, without any additional compensation, paint emulsion over the stained surface.	Add the following subclause:	(k) Formwork and finish	“Formwork and finish of concrete kerbs shall comply with the requirements of section 6200. All visible edges on the sides or at joints of cast in situ concrete kerbs or channels shall be rounded with a rounding tool.”	Carried to Collection	R	Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

[illegible]

SECTION 3300: MASS EARTHWORKS				
B2205 TREATING THE ROADBED				
(c) Preparing and compacting the roadbed				
Delete the last sentence of the first paragraph "If necessary, roadbed.....depth compaction" and replace as follows:				
"Where demarcated by the engineer, prior to the roadbed being scarified, the excess in-situ material forming part of the present roadway, and within the limits of the roadbed, and in close proximity of the layer works, but failing within the limits of the layerworks, shall be bladed to controlled level in order to achieve the required level and necessary depth of compaction."				
Carried to Collection				
Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			R	

	Add the following new subclauses: (g) Impact roller treatment of terrace prism The prism of the terraces, that is the area underlaying the fill shall after clearing and grubbing be treated by impact roller as herein further described. The prism underneath the cut shall similarly be treated after the cut to fill operation is completed and the area has been cut to line and level. There shall be no rigid control of soil moisture for this operation but the contractor shall satisfy the engineer that every possible endeavor is being made to take advantage of favourable soil-moisture conditions and to carry out compaction in so far as is possible during periods when the bed is neither excessively dry or wet. The engineer shall be fully authorized to decide when conditions are favourable and weather water shall be added. The in-situ compaction shall be carried out by a 25kilojoule 5 sided impact roller and with a total of at least 30 passes, which number of passes shall be benchmark of the compaction standard required when measured by a 2m DCP. A test section shall be carried out and a variation rate shall be allowed for in the number of passes. The contractor shall also in the trial section, as well as the required treatment operation monitor the settlement on a grid basis with survey equipment.			
	Carried to Collection		R	
	Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			

B3308 FINISHING THE SLOPES				
(d) General				
Add the following payment items:				
"Where existing cut and fill slopes are excessively eroded or where slippages occurred in slopes, the slopes are to be reinstated by means of backfilling with suitable gravel material. All loose material and vegetation shall first be removed from the eroded cut and fill slopes be benched into the existing slopes and compacted to 90% of modified AASHTO density, using suitable small compaction equipment e.g Bomag walk-behind rollers or hand-held compaction tools. Benching shall be executed to the dimensions shown on the drawings. Upon completion of the backfilling operation the cut and fill slopes shall be neatly finished as specified."				
<u>B3312 MEASUREMENT AND PAYMENT</u>				
In all pay items (also the payment description) 33.01, 33.04 and 33.07, replace the wording including free-haul up to 0.5km with including haul over any distance.				
Carried to Collection			R	
Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Add the following payment items:				
B33.20 Cut to fill with material from commercial source.				
Material in compacted layer thickness of 200mm and less:				
Compacted to 90% of modified AASHTO density Cubic meter(m3)				
Compacted to 93% of modified AASHTO density Cubic meter(m3)				
The unit of measurement shall be the cubic meter of material measure in the compacted fill.				
The payment description shall be as for item 3301. Overhaul is not paid for, also the cost of the commercial material, which shall be included in the tendered rate.				
B33.21 Impact roller treatment of the terrace prism with a 25kl 5-sided impact roller:				
Mobilise and establish plant, equipment and personnel Number (No)				
Impact compaction and establish of in-situ material: Test section (30-60 passes) Square meter - passes (m2-pass)				
In-situ material (nominal 30 passes) Square meter - passes (m2-pass)				
Variation in the number of passes Square meter - passes (m2-pass)				
Testing for in-situ: 2m DCP test Number (No)				
Troxler densities Number (No)				
Plate load tests (600mm dia plate) Number (No)				
Carried to Collection			R	
Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

The unit of measurement shall be the number of times that the special equipment and personnel (including testing equipment) is established and removed from site. For compaction of in-situ material, the unit of measurement shall be the square meter of roadbed compacted in accordance with the provisions of subclause B3305 g). The quantity will be computed in accordance with the authorized dimensions of the area to be treated, multiplied by the number of passes specified. The tendered rates shall include full compensation for shaping, providing the rollers keeping the rollers ready for use when soil-moisture conditions are favourable as specified and compacting the roadbed by the specified number of passes. The tendered rates for testing shall include for all apparatus and personnel to carry out the testing on site, including reporting of the results on a format with results and locality indicated. 96% of modified AASHTO density with layer thickness 150mm (m3) with layer thickness 150mm Cubic meter (m3) The unit measurement shall be the cubic meter of material obtained from commercial sources. The tendered rate shall include full compensation for procuring, royalties or payment to the owner, placing and compaction of the material including all transport required. An item is allowed for modification with a 10% soil binder.			
<u>B3312 MEASUREMENT AND PAYMENT</u>			
Add the following sub-items to item 33.10			
ITEM UNIT			
Carried to Collection		R	
Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			

B33.10 (e) Extra over sub-items 33.10(a), (b) and (d) for blading to controlled levels. cubic meter (m3)	The unit of measurement in respect of the material bladed as specified in subclause 33.05 (c) shall be the cubic meter of material bladed, measured in the original position before blading, in accordance with the method of average end areas.	The tendered rate shall include full compensation for blading of such material to level.	Only material bladed on the instruction of the engineer for exposing the underlying roadbed material for treatment will be measured and paid for as described above.	<u>COLTO SECTION 3400PAVEMENT LAYERS OF GRAVEL</u>	<u>B3407 MEASUREMENT AND PAYMENT</u>	In all payment items, ISO payment description, replaces the wording including free-haul up to 1.0km with including haul over any distance.	Add the following payment item:	B34.14 Pavement layers constructed from gravel procured from commercial sources:	(a) Gravel subbase stabilised and compacted to:	Carried to Collection	R	Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14

<u>COLTO SECTION 3500:STABILISATION</u>	<u>B3502 MATERIALS</u>	(a) Chemical Stabilizing Agent	Add following:	The contractor must receive confirmation from the enginner on the type and application rate of stabilising agent before ordering.	Where the contractor chooses to spread the stabilizing agent by hand, the pockets of stabilizing agent shall be placed onto the layer at regular intervals. Opening of the pockets and spreading of the stabilizing agent shall not continue unless the engineer has been satisfied himself as to the correctness of the quality.	<u>B3503 CHEMICAL STABILIZATION</u>	(h) Chemical stabilizing Agent	Add the following:	The contractor must receive confirmation from the engineer on the type and application rate of stabilising agent before ordering.	Where the contractor chooses to spread the stabilizing agent by hand, the pocket of stabilizing agent shall be placed onto the layer at regular intervals. Opening of the pockets and spreading of the stabilizing agent shall not continue unless the engineer has been satisfied himself as to the correctness of the quality.	<u>B3503 CHEMICAL STABILIZATION</u>	(h) Curing the stabilized work	Only methods (i) or (ii) shall be used for curing and protection of the subbase layer.	Carried to Collection	R	Section No. 3	Bill No 1 - General Site Works	PROVISIONAL BILLS OF QUANTITIES	BID NO: DOH08NWER003/CON14
---	--------------------------------------	---------------------------------------	-----------------------	--	--	---	---------------------------------------	---------------------------	--	---	---	---------------------------------------	---	-------------------------------------	----------	----------------------	---------------------------------------	---	--

<u>B3509</u> <u>QUALITY OF MATERIALS AND WORKMANSHIP</u> Add following to the forth paragraph: The preparation of chemical stabilised material for the determination of the modified AASHTO density, the USC, ITS and wet/dry durabilities values of the material shall be executed in accordance with TMH1 test method A16T and compaction thereof in accordance with TNH1 test method A7. <u>COLTO SECTION:CONCRETE BLOCK PAVING FOR ROADS</u> <u>B7301</u> <u>SCOPE</u> Add the description for road and sidewalks <u>B7302</u> <u>MATERIALS</u> (c) Concrete paving blocks Change the second sentence for the description to the following: Block placed on road surfaces shall be 80mm thick with a 35MPa concrete strength and 60mm thick for sidewalks with 25MPa concrete strength <u>B7303</u> <u>CONSTRUCTION</u> (c) Concrete paving blocks Change the wording in the first line of the first paragraph to read: shall be laid in a herringbone pattern. Carried to Collection Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>BILL NO. 1</u>				
<u>GENERAL SITE WORKS</u>				
<u>(PROVISIONAL)BULK EARTHWORKS AND</u>				
<u>PODIUMS</u>				
<u>ACCOMMODATION OF TRAFFICSECTION 1500:</u>				
1	B15.01 Accommodation of and maintaining temporary deviations.	Km	1	
2	15.03 a) Shaping of temporary deviations (6m wide)	Km	1	
<u>Temporary traffic control facilities</u>				
3	a) Flagmen	MAN-D	62	
4	b) Portable STOP and GO-RY signs	No	4	
5	c) Amber Flicker light (55W intensity)	No	1	
	d) Delineators (TW401 & TW402)			
6	i) Mounted back to back (1000mm high x 250mm wide)	No	1	
7	ii) Movable barricade/road sign combination	No	1	
8	iii) Traffic cones (750mm high)	No	12	
9	15.06 Watering of temporary deviations	kl	3	
10	Blading by road grader of temporary deviations	km-ps	1	
Carried to Collection			R	
Section No. 3				
Bill No 1 - General Site Works				
PROVISIONAL BILLS OF QUANTITIES				
BID NO: DOH08NWER003/CON14				

[illegible]

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>SUBSOIL DRAINAGE</u>					
<u>DRAINAGESECTION 2100:</u>					
<u>21.03 Excavation for subsoil drainage systems:</u>					
(a) Excavating soft material situated within the following depth ranges below the surface level:					
15	(i) 0m to 1.5m	m3	2		
16	(ii) exceeding 1.5m and up to 3.0m	m3	2		
17	21.04 impermeable backfilling to subsoil drainage systems	m3	1		
<u>21.08 Pipes in subsoil drainage systems:</u>					
18	(b)(i) Slotted PVC pipes and fittings, normal duty, complete with couplings (150mm diameter)	m	1		
<u>21.12 Concrete outlet structures, manhole boxes, junction boxes and cleaning eyes for subsoil drainage systems:</u>					
19	900mm Diameter not exceeding 1.5m deep internally	No	5		
	900mm Diameter exceeding 1.5m and not exceeding 3.0m deep	No	5		
20	(ii) 1000mm Diameter manhole cover including 550mm Diameter single concrete cover	No	10		
				R	
Carried to Collection Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>STORMWATER DRAINAGESECTION 2200:</u>				
<u>22.01 (a) Excavating soft material situated within the following depth ranges below the surface level:</u>				
21	(i) 0m up to 1.5m	m3	1	
22	(ii) Exceeding 1.5m and up to 3.0m	m3	1	
<u>b) Extra over subitem 22.01 (a) for excavation in hard material, irrespective of depth</u>				
23	ii) Ditto rock excavation	m3	1	
24	B22.01 (c) Extra over subitem 22.01 (a) for excavation by hand using hand tools	m3	1	
<u>22.02 Backfilling</u>				
25	a) Using the excavated material	m3	1	
26	b) Using imported selected material	m3	1	
<u>22.03 Concrete pipe culverts</u>				
(b) On class A bedding				
Class 100D pipes				
27	(i) 450mm diameter	m	1	
<u>22.17 Manholes, catchpits, inlet and outlet structures complete:</u>				
(a) Precast manhole including step irons at 300mm centers (Junction boxes):				
28	900mm Diameter not exceeding 1.5m deep internally	No	2	
	900mm Diameter exceeding 1.5m and not exceeding 3.0m deep	No	20	
(b) Grid inlet				
Carried to Collection			R	
Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

29	Concrete stormwater channel 600mm wide x 750mm deep, to falls formed of 150mm base and walls of 25Mpa reinforced concrete with and including mesh 395, 40 x 40 x 5mm galvanised angle iron with fish tail at 1000mm centres maximum on both walls filled in with cut to size "Mentis RS40" galvanised rectagrid	m	100		
<u>22.21 Accessories</u>					
30	(a) 1000mm Diameter manhole cover including 550mm Diameter single seal cast iron cover and frame	No	22		
31	(ii) 1000mm Diameter manhole cover including 550mm Diameter single concrete cover	No	1		
<u>17.05 Cleaning out of hydraulic structures:</u>					
32	a) Pipes with an internal diameter up to and including 750mm	m3	1		
33	b) Pipes with an internal diameter exceeding 750mm	m3	1		
				R	
Carried to Collection					
Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>CONCRETE BLOCK PAVINGSECTION 3400:</u>				
<u>B33.04 Cut to spoil, including free haul distance of 1.0km from:</u>				
34	(a) Soft excavation	m3	1 800	
35	(b) Intermediate excavation	m3	180	
36	(c) hard excavation	m3	90	
<u>33.10 Roadbed preparation and the compaction of material:</u>				
37	(a) Rip for the depth 150mm maximum and compact to 90% of modified AASHTO density	m3	550	
<u>B34.01 Pavement layers constructed from gravel taken from cut or borrow including free haul distance of 0.5km</u>				
38	(a)(i) Gravel selected layer compacted to 93% modified AASHTO density for a compacted layer thickness of 150mm	m3	540	
39	(c)(i) Gravel subbase layer compacted to 95% modified AASHTO density for a compacted layer thickness of 150mm	m3	540	
40	(a)(i) Gravel base (chemically stabilized material) C4 to 97% modified AASHTO density for a compacted layer thickness of 150mm	m3	540	
Carried to Collection				R
Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>STABILIZATIONSECTION 3500</u>				
41	35.01 Extra over item B34.01(f) for chemical stabilization of 150mm gravel base	m3	600		
	<u>35.02 Chemical stabilization</u>				
42	a) Ordinary portland cement	t	3		
43	35.04 Provision and application of water for curing	kl	10		
	<u>B73.01 Concrete block paving:</u>				
44	(i) 60mm standard grey interlocking " paving blocks	m2	888.00		
45	(ii) 80mm standard grey interlocking "Concor" or similar paving blocks	m2	3 112.00		
	<u>23.01 Concrete kerbing</u>				
46	(iii) Kerb SABS 927 fig 7 mountable road kerb size 180 x 280mm high bedded on and haunched with 225 x 150 x 225mm 25MPa/19mm unreinforced concrete hauching at the back of each joint having splayed top face, the kerb cast in convenient lengths jointed and pointed in 1:4 cement mortar including excavation, backfilling, etc.	m	1 860.00		
47	(b)(i) DITTO circular on plan not exceeding 4m radius	m	143.00		
	<u>Approved insecticide solutions shall be mixed on site in the presence of clerk of works/engineer/principal agent in strict accordance with the manufacturers/suppliers specifications</u>				
	<u>Soil insecticide under a 5 year guarantee by an approved firm of registered specialists</u>				
48	Under paving	m2	3 800		
	Carried to Collection			R	
	Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

	<u>ANCILLARY ROADWORKS</u> <u>ROAD MARKINGSSECTION 5600:</u> 56.01 Road sign board with painted or coloured semi matt background. Symbols, lettering and borders in semi matt black or class 1 retro-reflective material, where the signboard is constructed from aluminium sheet 2.0mm thick				
49	h) Stop sign W302	No	6		
	Carried to Collection		R		
	Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

ROAD MARKINGSSECTION 5700:			
	Retro-reflective road marking paint		
	a) White line (Broken or unbroken)		
50	i) 100mm wide	Km	1
	Yellow lines (Broken or unbroken)		
51	ii) 100mm wide	Km	1
52	c) White lettering and symbols	m2	20
53	d) Yellow lettering and symbols	m2	20
54	g) Kerb marking (black and white)	m2	1
55	57.06 Setting out and premarking the lines (Excluding traffic island marking, lettering, etc.)	Km	1
Carried to Collection			
Section No. 3			
Bill No 1 - General Site Works			
PROVISIONAL BILLS OF QUANTITIES			
BID NO: DOH08NWER003/CON14			

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

[illegible]

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Section No. 3				
Bill No. 1				
Bill No 1 - General Site Works				
<u>COLLECTION</u>				
	Page No		Amount	
Total Brought Forward from Page No.	313			
Total Brought Forward from Page No.	314			
Total Brought Forward from Page No.	315			
Total Brought Forward from Page No.	316			
Total Brought Forward from Page No.	317			
Total Brought Forward from Page No.	318			
Total Brought Forward from Page No.	319			
Total Brought Forward from Page No.	320			
Total Brought Forward from Page No.	321			
Total Brought Forward from Page No.	322			
Total Brought Forward from Page No.	323			
Total Brought Forward from Page No.	324			
Total Brought Forward from Page No.	325			
Total Brought Forward from Page No.	326			
Total Brought Forward from Page No.	327			
Total Brought Forward from Page No.	328			
Total Brought Forward from Page No.	329			
Total Brought Forward from Page No.	330			
Total Brought Forward from Page No.	331			

Carried Forward

R

Section No. 3
Bill No 1 - General Site Works
PROVISIONAL BILLS OF QUANTITIES
BID NO: DOH08NWER003/CON14

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Section No. 3	Page No	Amount
Bill No. 1		
Bill No 1 - General Site Works		
<u>COLLECTION</u>		
Brought Forward		R
Total Brought Forward from Page No.	332	
Total Brought Forward from Page No.	333	
Total Brought Forward from Page No.	334	
Total Brought Forward from Page No.	335	
Total Brought Forward from Page No.	336	
Total Brought Forward from Page No.	337	
Total Brought Forward from Page No.	338	
Total Brought Forward from Page No.	339	
Total Brought Forward from Page No.	340	
Total Brought Forward from Page No.	341	
Total Brought Forward from Page No.	342	
Total Brought Forward from Page No.	343	
Total Brought Forward from Page No.	344	
Total Brought Forward from Page No.	345	
Total Brought Forward from Page No.	346	
Total Brought Forward from Page No.	347	
Total Brought Forward from Page No.	348	
Total Brought Forward from Page No.	349	
Carried Forward		R
Section No. 3		
Bill No 1 - General Site Works		
PROVISIONAL BILLS OF QUANTITIES		
BID NO: DOH08NWER003/CON14		

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Section No. 3				
Bill No. 1				
Bill No 1 - General Site Works				
<u>COLLECTION</u>				
	Page No		Amount	
Brought Forward		R		
Total Brought Forward from Page No.	350			
Total Brought Forward from Page No.	351			
Total Brought Forward from Page No.	352			
Total Brought Forward from Page No.	353			
Total Brought Forward from Page No.	354			
Total Brought Forward from Page No.	355			
Total Brought Forward from Page No.	356			
Total Brought Forward from Page No.	357			
Total Brought Forward from Page No.	358			
Total Brought Forward from Page No.	359			
Total Brought Forward from Page No.	360			
Total Brought Forward from Page No.	361			
Total Brought Forward from Page No.	362			
Total Brought Forward from Page No.	363			
Total Brought Forward from Page No.	364			
Total Brought Forward from Page No.	365			
Total Brought Forward from Page No.	366			
Total Brought Forward from Page No.	367			
Carried Forward		R		
Section No. 3				
Bill No 1 - General Site Works				
PROVISIONAL BILLS OF QUANTITIES				
BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Section No. 3 Bill No. 1 Bill No 1 - General Site Works <u>COLLECTION</u>				
Brought Forward	Page No	R	Amount	
Total Brought Forward from Page No.	368			
Total Brought Forward from Page No.	369			
Total Brought Forward from Page No.	370			
Total Brought Forward from Page No.	371			
Carried Forward to Summary of Section No. 3		R		
Section No. 3 Bill No 1 - General Site Works PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

Item No		Quantity	Rate	Amount
	<u>SECTION 3</u> <u>BILL NO. 2</u> <u>HELICOPTER LANDING PLATFORM</u> <u>(PROVISIONAL)</u> <u>These external works bills has been measured in accordance with the engineers specification SABS 1200 and shall be treated as such works</u> <u>EARTHWORKS</u> <u>Site works:</u>			
1	Allow for digging up and removing all rubble, rubbish, debris, vegetation, hedges, shrubs, bush and trees not exceeding 200mm girth, etc. from the whole area of the ste to be built on, including stock piling of organic rich topsoil for reuse	m2	250	
	<u>Excavation in earth</u>			
2	Striping of topsoil 150mm deep extreme	m2	25	
3	Reduce levels to open face extreme depth 500mm deep below natural ground level	m3	125	
	<u>Excavate in earth below natural ground level, reduced or made up group level, not exceeding 2m deep, for:</u>			
4	Bases	m3	10	
	<u>Extra over excavation in earth for excavation in</u>			
5	Extra over excavations in earth "in bulk" for excavation in soft rock	m3	25	
6	Extra over excavations in earth "in bulk" for excavations in hard rock	m3	13	
	Carried to Collection		R	
	Section No. 3 Bill No 2 - Helipad PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>Extra over all excavations for carting away</u>					
7	Surplus material from stock piles on site to a dumping site to be located by the contractor	m3	250		
<u>Risk of collapse of excavations</u>					
8	Sides of reduced level excavations not exceeding 1,5m deep	m2	44		
<u>Keeping excavations free of water</u>					
9	Allow for bailing, pumping or otherwise keeping all excavations free from water		Item		
<u>Approved earth filling obtained from the excavations, spread, levelled, watered and compacted to 95% Mod AASHTO density in layers not exceeding 150mm thick, in:</u>					
10	Sub-base (Minimum G6 material)	m3	38		
<u>Approved earth filling supplied by the contractor, spread, levelled, watered and compacted to 95% Mod AASHTO density in layers not exceeding 150mm thick, in:</u>					
11	Sub-base (Minimum G6 material)	m3	75		
<u>Approved earth filling supplied by the contractor, spread, levelled, watered and compacted to 95% Mod AASHTO density in layers not exceeding 150mm thick, in:</u>					
12	Sub-base (Minimum C4 material)	m3	50		
13	Extra over last for stabilizing filling materials with 3% cement based on a material Mod of 2000	m3	25		
<u>Compaction of surfaces:</u>					
14	Ripping of excavated formation levels for depth of 200mm, breacking down overside material and compact to a density of 93% Mod AASHTO to receive selected layers	m2	250		
Carried to Collection				R	
Section No. 3 Bill No 2 - Helipad PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

[illegible]

	<u>SOIL POISONING</u> <u>Approved insecticide solutions shall be mixed on site in the presence of clerk of works/engineer/principal agent in strict accordance with the manufacturers/suppliers specifications</u> <u>Soil insecticide under a 5 year guarantee by an approved firm of registered specialists</u> 15 Treat soil under concrete surface slabs, etc. with an approved insecticide solution at the rate of not less than 2 litre per 1m2 <u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES (WORK GROUP 110)</u> <u>30MPa/19mm concrete</u> 16 Surface slabs	m2	250		
		m3	63		
	Carried to Collection Section No. 3 Bill No 2 - Helipad PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			R	

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>Concrete sundries</u>				
17	Finishing off top of surface slab to falls with wooden float whilst concrete is still green	m2	250	
18	Taking delivery electrical light sleeve approximately 312mm diameter and cast vertically in exact position in concrete slab with open top flush with adjacent surface (Supply by others)	No	2	
<u>FORMWORK, ETC. TO CONCRETE (WORK GROUP 111)</u>				
<u>Rough formwork to:</u>				
19	Edge, risers, etc. not exceeding 300mm wide or high	m	14	
20	Ditto, but circular exceeding 1m radius	m	44	
<u>MOVEMENT, EXPANSION JOINTS, ETC. (WORK GROUP 111)</u>				
21	3 x 40mm Deep saw cut joint cut in top of concrete surface slab	m	14	
<u>REINFORCEMENT (WORK GROUP 114)</u>				
<u>Mesh reinforcement:</u>				
22	Ref 395 Mesh steel fabric reinforcement laid in surface slabs, etc. lapped minimum 150mm long edges and ends (Measured net)	m2	250	
<u>PAVING (PROVISIONAL)</u>				
<u>100 x 200mm "Concor Bondbrick" or similar approved by the Principal Agent pre-cast concrete paving (25MPa minimum compressive strength):</u>				
23	80mm Thick natural grey laid in stretcher bond with continuous joint in one direction and interlocking	m2	300	
Carried to Collection				R
Section No. 3 Bill No 2 - Helipad PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

[illegible]

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Section No. 3				
Bill No. 2				
Bill No 2 - Helipad				
<u>COLLECTION</u>				
	Page No		Amount	
Total Brought Forward from Page No.	376			
Total Brought Forward from Page No.	377			
Total Brought Forward from Page No.	378			
Total Brought Forward from Page No.	379			
Total Brought Forward from Page No.	380			
Total Brought Forward from Page No.	381			
Carried Forward to Summary of Section No. 3			R	
Section No. 3				
Bill No 2 - Helipad				
PROVISIONAL BILLS OF QUANTITIES				
BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No		Quantity	Rate	Amount
<u>SECTION 3</u>				
<u>BILL NO. 3</u>				
<u>UNCOVERED WALKWAYS</u>				
<u>PAVING (PROVISIONAL)</u>				
<u>BULK EXCAVATIONS</u>				
<u>Cut to spoil, including free-hailing up to 0.5km</u>				
<u>Material obtained from:</u>				
1	Cut to spoil	m3	429	
2	Trenches	m3	390	
<u>Extra over trench and hole excavations in earth for excavation in</u>				
3	Soft rock	m3	15	
4	Hard rock	m3	10	
<u>Extra over all excavations for carting away</u>				
5	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	154	
<u>Risk of collapse of excavations</u>				
6	Sides of trench and hole excavations not exceeding 1,5m deep	m2	781	
<u>Keeping excavations free of water</u>				
7	Keeping excavations free of all water other than subterranean water		Item	
<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>				
Carried to Collection				R
Section No. 3 Bill No 3 - Uncovered Walkways PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

8	<u>25MPa/19mm concrete</u>				
	Strip footings	m3	96		
	<u>REINFORCEMENT</u>				
	<u>(CPAP formula work group no. 114)</u>				
	<u>High tensile steel reinforcement to structural concrete work</u>				
	9 16mm Diameter bars	t	1.70		
	10 12mm Diameter bars	t	1.70		
	<u>MOVEMENT JOINTS, ETC</u>				
	<u>Expansion joints with softboard between vertical concrete surfaces</u>				
	11 12mm Joints not exceeding 300mm high	m	781		
	<u>BRICKWORK</u>				
	<u>(CPAP formula work group no. 116)</u>				
	<u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in class I mortar</u>				
	12 One brick walls	m2	375		
	<u>Brickwork reinforcement</u>				
13	150mm Wide reinforcement built in horizontally	m	2 813		
	<u>External face bricks (Prime Cost Amount R 13 000.00/1000) pointed with flush horizontal and vertical joints</u>				
14	Extra over brickwork for face brickwork	m2	101		
Carried to Collection				R	
Section No. 3 Bill No 3 - Uncovered Walkways PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>Brick-on-edge header course copings, sills, etc of external face bricks (Prime Cost Amount R 3 500.00/1000) pointed with recessed joints on all exposed faces</u>					
15	Coping on top of one brick wall	m	585		
16	230mm Wide tread to steps	m	25		
<u>IMPORTING OF MATERIALS</u>					
<u>Earth filling obtained from commercial source</u>					
17	Selected fill from stockpile (G5) compacted in 150mm layers to 93% Mod AASHTO Density at -2% to +1% of OMC	m3	234		
<u>Base (chemically stabilized material)</u>					
18	Selected fill from stockpile (G5) compacted in 150mm layers to 93% Mod AASHTO Density at -2% to +1% of OMC (Chemical stabilizing including stabilizing agent measure elsewhere)	m3	234		
<u>Coarse river sand filling supplied by the contractor</u>					
19	Backfill top 20mm of road/walkway with river sand	m3	59		
<u>Treatment of Terrace bed</u>					
20	Rip, scarify and compaction 150mm of in-situ material to a minimum of 90% Mod AASHTO at -2% and +1% of OMC	m2	585		
21	Allow for compaction tests as required by the Engineer		Item		
<u>STABILIZATION</u>					
<u>Extra over for chemically stabilizing selected fill from stockpile</u>					
22	a) Base (150mm thick) (Material elsewhere)	m3	59		
Carried to Collection				R	
Section No. 3 Bill No 3 - Uncovered Walkways PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

[illegible]

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

[illegible]

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BILL NO. 4</u>			
	<u>COVERED WALKWAYS</u>			
	<u>EARTHWORKS (PROVISIONAL)</u>			
	<u>BULK EXCAVATIONS</u>			
	<u>Cut to spoil, including free-hailing up to 0.5km</u> <u>Material obtained from:</u>			
1	Cut to spoil	m3	120	
	<u>EXCAVATIONS, ETC</u>			
	<u>Excavate in compacted pickable material as defined</u> <u>not exceeding 2 m deep below reduced or filled up</u> <u>ground level, part return, fill in and ram and</u> <u>remainder deposit on site where directed.</u>			
2	Bases	m3	11.000	
3	Trenches	m3	140	
	<u>Extra over trench and hole excavations in earth for</u> <u>excavation in</u>			
4	Soft rock	m3	14	
5	Hard rock	m3	14	
	<u>Extra over all excavations for carting away</u>			
6	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	84	
	Carried to Collection		R	
	Section No. 3 Bill No 4 - Covered Walkways PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>Risk of collapse of excavations</u>					
7	Sides of trench and hole excavations not exceeding 1,5m deep	m2	540		
<u>Keeping excavations free of water</u>					
8	Keeping excavations free of all water other than subterranean water		Item		
<u>IMPORTING OF MATERIALS</u>					
<u>Earth filling obtained from commercial source</u>					
9	Selected fill from stockpile (G5) compacted in 150mm layers to 93% Mod AASHTO Density at -2% to +1% of OMC	m3	60		
<u>Base (chemically stabilized material)</u>					
10	Selected fill from stockpile (G5) compacted in 150mm layers to 93% Mod AASHTO Density at -2% to +1% of OMC (Chemical stabilizing including stabilizing agent measure elsewhere)	m3	60		
<u>Coarse river sand filling supplied by the contractor</u>					
11	Backfill top 20mm of road/walkway with river sand	m3	60		
<u>Treatment of Terrace bed</u>					
12	Rip, scarify and compaction 150mm of in-situ material to a minimum of 90% Mod AASHTO at -2% and +1% of OMC	m2	400		
13	Allow for compaction tests as required by the Engineer		Item		
<u>STABILIZATION</u>					
<u>Extra over for chemically stabilizing selected fill from stockpile</u>					
14	a) Base (150mm thick) (Material elsewhere)	m3	90		
Carried to Collection				R	
Section No. 3 Bill No 4 - Covered Walkways PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>Chemical stabilizing agent:</u>				
15	a) Ordinary Portland cement	t	0.90		
16	Provision and application of water for curing	kl	90		
	<u>Extra over trench and hole excavations in earth for excavation in</u>				
17	Soft rock	m3	0.550		
18	Hard rock	m3	1.100		
	<u>Extra over all excavations for carting away</u>				
19	Surplus material from excavations and/or stock piles on site, to a dumping site to be located by the contractor	m3	22.000		
	<u>Risk of collapse of excavations</u>				
20	Sides of trench and hole excavations not exceeding 1,5m deep	m2	176		
	<u>Keeping excavations free of water</u>				
21	Keeping excavations free of all water other than subterranean water		Item		
	<u>SOIL POISONING</u>				
	<u>Soil insecticide in accordance with SANS 5859</u>				
22	To bottoms and sides of trenches etc	m2	185		
	<u>CONCRETE, FORMWORK AND REINFORCEMENT</u>				
	<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>				
	<u>25MPa/19mm concrete</u>				
23	Strip footings	m3	49		
	Carried to Collection			R	
	Section No. 3				
	Bill No 4 - Covered Walkways				
	PROVISIONAL BILLS OF QUANTITIES				
	BID NO: DOH08NWER003/CON14				

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

24	Bases	m3	22.000		
25	150mm Thick aprons	m3	30		
26	150mm Thick walkways	m3	30		
<u>TEST BLOCKS</u>					
27	Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	No	12		
<u>CONCRETE SUNDRIES</u>					
<u>Finishing top surfaces of concrete smooth with a wood float</u>					
28	Walkways and aprons	m2	400		
<u>CONCRETE SUNDRIES</u>					
<u>REINFORCEMENT</u>					
<u>Mild steel reinforcement to structural concrete work</u>					
29	12mm Diameter bars	t	0.033		
30	16mm Diameter bars	t	0.033		
<u>High tensile steel reinforcement to structural concrete work</u>					
31	10mm Diameter bars	t	0.033		
32	12mm Diameter bars	t	0.033		
<u>MOVEMENT JOINTS, ETC</u>					
Carried to Collection					
Section No. 3 Bill No 4 - Covered Walkways PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>Expansion joints with softboard between vertical concrete surfaces</u>				
33	12mm Joints not exceeding 300mm high	m	400		
	<u>BRICKWORK</u>				
	<u>(CPAP formula work group no. 116)</u>				
	<u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in class I mortar</u>				
34	One brick walls	m2	182		
	<u>Brickwork reinforcement</u>				
35	150mm Wide reinforcement built in horizontally	m	1 365		
	<u>External face bricks (Prime Cost Amount R 13000.00/1000) pointed with flush horizontal and vertical joints</u>				
36	Extra over brickwork for face brickwork	m2	52		
	<u>Brick-on-edge header course copings, sills, etc of external face bricks (Prime Cost Amount R 3 500.00/1000) pointed with recessed joints on all exposed faces</u>				
37	Coping on top of one brick wall	m	200		
38	230mm Wide tread to steps	m	8		
	<u>ROOF COVERINGS</u>				
	<u>PREAMBLES</u>				
	For preambles see "Model Preambles For Trades"				
	<u>PROFILED METAL SHEETING AND ACCESSORIES</u>				
</					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>0.55mm Thick Chroma deck C1S IBR 686 = Z200</u> <u>White Lion roof sheets fixed to steel purling by specialist</u>				
39	Roof covering with pitches not exceeding 10 degrees	m2	300	
<u>PLUMBING AND DRAINAGE</u>				
<u>RAINWATER DISPOSAL</u>				
<u>0,6mm Thick Chromadek seamless eaves gutter, downpipes and accessories</u>				
40	100 x 100mm Square eaves gutter.	m	100	
41	Extra for stopped end.	No	20	
42	Extra for bend.	No	20	
43	Extra for outlet with nozzle for and jointed to 75mm diameter downpipe.	No	20	
44	75mm Diameter rainwater downpipe with brackets fixed to brick wall.	m	118	
45	Extra over rainwater downpipe for eaves offset.	No	20	
46	Extra over rainwater downpipe for shoe.	No	20	
<u>EAVES , VERGES , ETC</u>				
<u>"Everite Flexit"or other equal and approved pressed nutec-cement</u>				
47	12 x 225mm Fascias and barge boards including galvanised steel H-profile jointing strips	m	100	
<u>FLASHING</u>				
<u>175mm x 50mm x 25mm x 0.4mm Flashing</u>				
48	Flashing	m	100	
Carried to Collection				R
Section No. 3 Bill No 4 - Covered Walkways PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

<u>STRUCTURAL STEEL MEMBERS (GALVANISED)</u>					
<u>STANCHIONS / COLUMNS</u>					
<u>100 x 100 x 3mm Thick horizontal hollow steel sections fixed to base plate to carry roof structure and complete full structure</u>					
49	Column	t	1.038		
<u>RAFTER</u>					
<u>100 x 100 x 3mm Thick horizontal hollow steel sections to carry purlins and complete structure</u>					
50	Rafter	t	0.100		
<u>6mm round bars</u>					
51	Round bars	t	0.089		
<u>PURLIN</u>					
<u>125 x 75 x 20 x 2.5mm Thick steel purlins fixed to steel members to complete structure</u>					
52	Purling	t	1.094		
<u>RAFTER BRACING</u>					
<u>114 X 3.5 Rafter RHS Cross bracing</u>					
53	114 x 3.5mm Rafter bracing	t	1.200		
<u>BASE PLATES</u>					
<u>250 x 250 x 12mm Thick vertical base plate fixed to concrete base by means of bolts & nuts to Engineer's specification & approval</u>					
54	12mm Base plate	t	0.794		
Carried to Collection				R	
Section No. 3 Bill No 4 - Covered Walkways PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>CAP PLATES</u>						
<u>200 x 160 x 12mm cap plate</u>						
55	12mm Cap plate	t	0.406			
<u>BOLTS</u>						
<u>M16 HD bolts (Galvanised)</u>						
56	M16 Hd bolts	No	400.000			
57	Painting of all steel structure components	t	4.72			

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Section No. 3				
Bill No. 4				
Bill No 4 - Covered Walkways				
<u>COLLECTION</u>				
	Page No		Amount	
Total Brought Forward from Page No.	388			
Total Brought Forward from Page No.	389			
Total Brought Forward from Page No.	390			
Total Brought Forward from Page No.	391			
Total Brought Forward from Page No.	392			
Total Brought Forward from Page No.	393			
Total Brought Forward from Page No.	394			
Total Brought Forward from Page No.	395			

Carried Forward to Summary of Section No. 3

R

Section No. 3
Bill No 4 - Covered Walkways
PROVISIONAL BILLS OF QUANTITIES
BID NO: DOH08NWER003/CON14

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No		Quantity	Rate	Amount
	<u>SECTION 3</u> <u>BILL NO. 5</u>			
	<u>UNCOVERED WALKWAYS</u>			
	<u>DECANTING</u>			
	<u>BULK EXCAVATIONS</u>			
	<u>Cut to spoil, including free-hailing up to 0.5km</u> <u>Material obtained from:</u>			
1	Cut to spoil m3	192		
2	Holes m3	5		
	<u>Extra over trench and hole excavations in earth for excavation in</u>			
3	Soft rock m3	20		
4	Hard rock m3	10		
	<u>Extra over all excavations for carting away</u>			
5	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor m3	5		
	<u>Risk of collapse of excavations</u>			
6	Sides of trench and hole excavations not exceeding 1,5m deep m2	68		
	<u>Keeping excavations free of water</u>			
7	Keeping excavations free of all water other than subterranean water Item			
	<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>			
	Carried to Collection		R	
	Section No. 3 Bill No 5 - Decanting PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

8	<u>25MPa/19mm concrete</u>				
	Strip footings	m3	6		
	<u>REINFORCEMENT</u>				
	<u>(CPAP formula work group no. 114)</u>				
	<u>High tensile steel reinforcement to structural concrete work</u>				
9	12mm Diameter bars	t	0.30		
10	16mm Diameter bars	t	0.47		
	<u>IMPORTING OF MATERIALS</u>				
	<u>Earth filling obtained from commercial source</u>				
11	Selected fill from stockpile (G5) compacted in 150mm layers to 93% Mod AASHTO Density at -2% to +1% of OMC	m3	96		
	<u>Base (chemically stabilized material)</u>				
12	Selected fill from stockpile (G5) compacted in 150mm layers to 93% Mod AASHTO Density at -2% to +1% of OMC (Chemical stabilizing including stabilizing agent measure elsewhere)	m3	96		
	<u>Coarse river sand filling supplied by the contractor</u>				
13	Backfill top 20mm of road/walkway with river sand	m3	128		
	<u>Treatment of Terrace bed</u>				
14	Rip, scarify and compaction 150mm of in-situ material to a minimum of 90% Mod AASHTO at -2% and +1% of OMC	m2	640		
15	Allow for compaction tests as required by the Engineer		Item		
	<u>STABILIZATION</u>				
Carried to Collection				R	
Section No. 3 Bill No 5 - Decanting PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>Extra over for chemically stabilizing selected fill from stockpile</u>				
16	a) Base (150mm thick) (Material elsewhere)	m3	96		
	<u>Chemical stabilizing agent:</u>				
17	a) Ordinary Portland cement	t	1.92		
18	Provision and application of water for curing	kl	10		
	<u>CONCRETE BLOCK PAVING FOR ROADS</u>				
	<u>60mm Thick "Corobrick" clay paving, laid with 3-5mm joints including sand brushed into joints (Colour : Cederberg or similar approved)</u>				
19	Paving laid in herringbone bond	m2	640		
20	Weed-killing treatment of surface under paving	m2	640		
21	Ant poison treatment ditto	m2	640		
	<u>Concrete Edge Beams</u>				
22	Anchor / thrust blocks and pedestals	m3	3		
	<u>"Technicrete" Pre-cast concrete kerbs including bedding, jointing and pointing</u>				
23	280 x 140 x 75mm Barrier Kerb (SABS fig.7) with 150 x 150 x 300mm unreinforced concrete haunching at back of each joint and set on and including any necessary additional excavation, backfilling, etc	m	110		
	<u>MODULAR BUILDING</u>				
	Carried to Collection			R	
	Section No. 3 Bill No 5 - Decanting PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

24	<u>"Kwikspace" or similar approved multi slice relocatable structure made of 40mm thick polyurethane panels (0,42mm chromadek).</u> <u>Main frame, floor grid and outrigger to be made of steel as per manufacturers specification.</u> <u>Floor board to be 18mm thick and covered with 2mm vinyl sheeting.</u> Multi-Slice relocatable out patients department (OPD) unit complete including siting, ground preparation, electrical connection, water and sewer connection (all measured elsewhere) and transported to site. Unit to be designed and assembled as per tender drawing no. KH007	m2	420	
				R

Carried to Collection

Section No. 3

Bill No 5 - Decanting

PROVISIONAL BILLS OF QUANTITIES

BID NO: DOH08NWER003/CON14

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

[illegible]

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No		Quantity	Rate	Amount
	<u>SECTION NO 3</u> <u>BILL NO. 6</u> <u>FENCING (PROVISIONAL)</u> <u>PREAMBLES</u> For preambles see "Specification of materials and methods to be used - PW 371" <u>SUPPLEMENTARY PREAMBLES</u> <u>Supplementary preambles and full descriptions of materials, items, work, etc. applicable to Section No. 3</u> The Contractor is referred to the previous Section 2 for supplementary preambles and full descriptions of materials, items, work, etc. which shall be regarded to be equally applicable for work described in this Bill, unless specifically otherwise described <u>General</u> The Contractor shall carry out the work with as little mess and noise possible and with a minimum of disturbance to the occupants. The Contractor shall provide proper protection and provide and erect any temporary tarpaulins that may be necessary during the progress of the works, all to the satisfaction of the Principal Agent, and remove when directed <u>Site clearance</u> All rubble, rubbish, vegetable soil, shrubs, bush, trees, etc. shall be removed from the whole area and carted away off the construction site to a suitable dumping site, which has to be located by the Contractor, all to the full satisfaction of the Principal Agent			
	Carried to Collection		R	
	Section No. 3 Bill No 6 - Fencing PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			

<u>Filling (General)</u> It will be, at all times, required from the Contractor to apply and execute strict quality control on all filling material used Samples of potential fill material obtained from excavations, trench excavations, etc. are to be submitted to and approved by the Principal Agent prior the re-use thereof as "filling" All filling obtained from a commercial source should comply to minimum G6 standard Should any material be found unsuitable and the use thereof be disapproved, such material shall be disposed and approved material must be sourced and imported from an approved commercial source Filling in general shall be compacted to the prescribed percentage Mod AASHTO density <u>CBR and indicator tests</u> Density tests for monitoring filling shall be done at the minimum prescribed frequencies per each 150mm thick layer of filling placed The Contractor is to note that all necessary tests (i.e. CBR and indicator tests, etc.) are to be conducted for all filling material, whether obtained from the excavations or to be imported from an approved commercial source Results of these tests are to be submitted to and approved by the Principal Agent prior commencement of any placement thereof and/or filling done therewith <u>Density tests</u> It will be required from the Contractor to execute density tests for monitoring filling at the following minimum frequencies per each filling layer placed:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

All the specifications referred to above, although not issued with these Bills of Quantities, shall be deemed to form part of this document and shall be considered as applying to the performance of work to be completed in terms of this Section The Contractor shall obtain a copies of the said specifications from the South African Bureau of Standards and be kept on site at all times <u>Measurement and payment</u> Measurement and payment clauses as described in the above-mentioned SANS 1200 Specifications shall not apply to the work as set out in this Bill <u>EARTHWORKS (PROVISIONAL)</u> <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> <u>Filling material (General)</u> It will be, at all times, required from the Contractor to apply and execute strict quality control on all filling material used Samples of potential fill materials obtained from excavations, trench excavations, etc.are to be submitted to and approved by the Engineer prior the re-use thereof as "filling" All filling obtained from a commercial source should comply to a minimum G6 standard and to be approved by Engineer before haulage to site. Should any material be found unsuitable and the use thereof be disapproved, such material shall be disposed and approved material must be sourced and imported. Carried to Collection Section No. 3 Bill No 6 - Fencing PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Filling in general shall be compacted to the prescribed percentage Mod AASHTO density <u>Filling to form earth mattresses, in sub-layers, under floors, etc</u> All filling in layers under surface beds, in sub-layers, to form earth mattresses, etc. shall be done with materials specified and according to methods prescribed by the SABS 1200ME Sub-base Specification. The aforesaid specification was drawn up to cover activities normally encountered on civil engineering work, which is equally applicable on the filling details and requirements prescribed for this project The said specification, although not issued with, shall be regarded to form part of these Bills of Quantities. The Contractor shall obtain a copy of the said specification from the South African Bureau of Standards and be kept on site at all times <u>CBR and Indicator tests</u> Density tests for monitoring filling shall be done at the minimum prescribed frequencies per each 150mm thick layer of filling placed. The Contractor is to note that all necessary tests (i.e CBR and indicator tests, etc) are to be conducted for all filling material, whether obtained from the excavations or to be imported from an approved commercial source. Results of these tests are to be submitted to and approved by Engineer prior commencement of any placement thereof and/or filling done therewith																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

	<u>Density test</u> It will be required from the Contractor to execute density tests for monitoring filling at the following minimum frequencies per each filling layer placed: - Filling under surface beds 1 Test per 25m2 plan area per each 150mm thick layer - Filling behind retaining walls: 1 Test per each 10m length of retaining wall Results of density test executed are to be submitted to and approval obtained from the Engineer prior commencement of any subsequent fill layers and/or other work				
	Carried to Collection		R		
	Section No. 3 Bill No 6 - Fencing PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>Carting away of excessive and/or unsuitable excavated material</u> Descriptions for "carting away excessive or unsuitable excavated material from site" shall be deemed to include the loading and hauling of excessive or unsuitable excavated material to a suitable dumping site, which has to be located by the Contractor, off the hospital premises The location of the intended dumping site will be subjected to the prior written approval of the local authority (Municipality) All materials for excavations marked for caring away shall be cart at Municipal designated dumping site and proof of dumping to be submitted to the Safety / Enviromental officer The contractor will also be liable to remove upon completion, rehabilitate all those areas of the dumping site used for dumping/spoiling by grading the area to follow the adjacent ground contours and afterwards compacted to 80% Mod AASHTO density, all to the full satisfaction of the Engineer/Principal Agent Tendered rates must make provision for the above-mentioned as no additional claims in this regard will afterwards be entertained <u>NOTE: All materials from excavations marked from carting away shall be cart at Municipal designated dumping site and proof of dumping to be submitted to the Safety / Enviromental officer</u> <u>ALTERATIONS</u> <u>Removal of exisiting</u> <table><tr><td>1</td><td>Remove existing 2,2m high Diamond Mesh Fence and hanover to client/end-user including all poles and stays</td><td>m</td><td>1 700.00</td></tr><tr><td>2</td><td>Remove galvanised and marine fusion bond coated security sliding gate 7000 x 3000mm high formed of 100 x 75 x 3mm frame including rail</td><td>No</td><td>1</td></tr></table> Carried to Collection Section No. 3 Bill No 6 - Fencing PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14		1	Remove existing 2,2m high Diamond Mesh Fence and hanover to client/end-user including all poles and stays	m	1 700.00	2	Remove galvanised and marine fusion bond coated security sliding gate 7000 x 3000mm high formed of 100 x 75 x 3mm frame including rail	No	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
1	Remove existing 2,2m high Diamond Mesh Fence and hanover to client/end-user including all poles and stays	m	1 700.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
2	Remove galvanised and marine fusion bond coated security sliding gate 7000 x 3000mm high formed of 100 x 75 x 3mm frame including rail	No	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

3	Remove galvanised and marine fusion bond coated security sliding gate 8000 x 3000mm high formed of 100 x 75 x 3mm frame including rail	No	2		
	<u>FOUNDATIONS</u>				
	<u>Excavate in earth below natural ground level, reduced or made up ground level, not exceeding 2m deep, for:</u>				
4	Trenches	m3	104		
5	Holes	m3	35		
	<u>Extra over trench and hole excavations in earth for excavation in</u>				
6	Soft rock	m3	15		
7	Hard rock	m3	8		
	<u>Extra over all excavations for carting away</u>				
8	Surplus or unwanted excavated material to stock piles on site or to a dumping site to be located by the contractor	m3	190		
	<u>Risk of collapse of excavations</u>				
9	Sides of trench excavations not exceeding 1,5m deep	m2	1 044		
	<u>Keeping excavations free of water</u>				
10	Allow for bailing, pumping or otherwise keeping all excavations free from water		Item		
	<u>Earth filling obtained from the excavations compacted to 93% Mod AASHTO density</u>				
11	In backfilling to trenches, holes, etc	m3	6		
	Carried to Collection			R	
	Section No. 3 Bill No 6 - Fencing PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>Mass concrete with a coarse aggregate of 19mm and a minimum compressive strength of 20MPa at 28 days</u>				
12	In base for post, with chamfered top surface projecting 50mm above surrounding ground level, sufficiently vibrated.	m3	35		
13	In ground beams, with chamfered top surface projecting 50mm above surrounding ground level, sufficiently vibrated.	m3	104		
	<u>Rough formwork to post foundations</u>				
14	Formwork to sides of bases set into trenches	m2	174		
15	Formwork to sides of ground beams set into trenches	m2	1 044		
	<u>METALWORK</u>				
	<u>Approved Invisible mesh security fencing including site clearance and preparation of ground, to match existing</u>				
16	Security fencing panels 3305mm wide and 3000mm high above ground level with panel apertures size 76.2 x 12.7mm with wire diameter 3mm, the panel shall be reinforced with 4 x 50mm deep 'V' formation horizontal recessed bands (rigidly). Panels shall have 2 x 70 degrees flanges along sides and 1 x 90 degrees flange along top and 1 x 30 degrees flange along toe, the post shall have a flush panel post finish with no climbing aid. The panel shall be affixed to a post over 48 line wires using 8 x double bolt comb clamps and 8 x single bolt comb clamps using 24 x Anti vandal bolts. Posts shall be 3000mm high taper locking posts including locking recess mechanism to secure panel edge. Posts shall be sealed with a UV stabilised polymer cap, panels and posts finish shall be galvanised, then marine fusion bond coated. The fence shall be planted into concrete (elsewhere measured)	m	1 820		
	Carried to Collection			R	
	Section No. 3 Bill No 6 - Fencing PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

17	Galvanised anti-burrow fencing 500mm high below ground level, secured into concrete for posts and haunching of 200 x 200 x 200mm at 1000mm centres maximum, of ref 3510 - 3D mesh panels fabricated from absel with a strength of 60% and a tensile strength of 500N/mm ² , with core diameter of 3mm and a tolerance of 0.07mm, including trench, backfilling and compacting.	m	1 820		
18	Galvanised and marine fusion bond coated anti-climb structure spiked rail bolted to invisible fence mesh flang along fence top.	m	1 820		
19	Galvanised and marine fusion bond coated security sliding gate 7000 x 3000mm high formed of 100 x 75 x 3mm frame with 2No. middle vertical and 1No. horizontal rail. Fencing mesh similar to main fence to be secured to gate frame with fixators. Sliding system to be of 2No 100 x 100 x 3mm vertical posts set into and including 20Mpa concrete. 14m of 50 x 50 x 3mm galvanised angle iron with 12mm diameter R12 reinforcing bar welded onto angle iron, with fixing lugs of 25 x 25 x 5mm flat bar at maximum 350mm, set into and including 20Mpa concrete. Top to have powder-coated anti-climb security spiked rail.	No	4		
20	Galvanised and marine fusion bond coated security swing pedestrian gate 1500 x 3000mm high formed of 100 x 75 x 3mm frame with 2No. horizontal rails. Fencing mesh similar to main fence to be secured to gate frame with fixators. Posts system to be of 2No 100 x 100 x 3mm vertical posts set into and including 20Mpa concrete. Top to have powder-coated anti-climb security spiked rail. Gate to have approved locking mechanism	No	3		
21	Centurion or similar approved sector II 6mm highvolume electrical barrier kit complete	No	4		
Carried to Collection				R	
Section No. 3 Bill No 6 - Fencing PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Section No. 3				
Bill No. 6				
Bill No 6 - Fencing				
<u>COLLECTION</u>				
	Page No		Amount	
Total Brought Forward from Page No.	402			
Total Brought Forward from Page No.	403			
Total Brought Forward from Page No.	404			
Total Brought Forward from Page No.	405			
Total Brought Forward from Page No.	406			
Total Brought Forward from Page No.	407			
Total Brought Forward from Page No.	408			
Total Brought Forward from Page No.	409			
Total Brought Forward from Page No.	410			
Total Brought Forward from Page No.	411			

Carried Forward to Summary of Section No. 3

R

Section No. 3

Bill No 6 - Fencing

PROVISIONAL BILLS OF QUANTITIES

BID NO: DOH08NWER003/CON14

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No		Quantity	Rate	Amount
	<u>SECTION 3</u> <u>BILL NO. 7</u> <u>MAIN SEWER LINE (PROVISIONAL)</u> <u>(WORK GROUP 148)</u> <u>PREAMBLES</u>For preambles refer to <u>"Department of Public Works: Specification of Materials and Method to be used - PW371"</u> <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> Excavations Prices for excavations must include for necessary staging for risk of collapse of excavation side. Compacting Filling for all types of prices described as "under solid floors, etc" shall be done with approved backfilling and compacted to 93% Mod. AASHTO density, unless otherwise described Testing Descriptions for the testing of plumbing and drainage installations shall be deemed to cater for all testing apparatus, labour, etc. and shall be done strictly as directed by and in accordance to the Principal Agent's instructions, including for retesting after taking out and making good all defective work to his entire satisfaction			
	Carried to Collection Section No. 3 Bill No 7 - Sewer Reticulation PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14		R	

<u>Vitrified clay pipes:</u> Pipes shall rest on solid ground and, where necessary, pockets of sufficient size shall be cut around joints to enable the jointing to be properly performed or, alternatively, pipes shall be bedded full length on and including unreinforced concrete laid in a semi-dry state immediately before pipes are laid Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings <u>uPVC pipes and fittings</u> Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings Soil, waste and vent pipe fittings shall be solvent weld jointed <u>uPVC pressure pipes and fittings</u> Pipes for water supply shall be of the class stated Pipes of 40mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings <u>Copper pipes</u> Pipes shall be hard drawn and half hard pipes of the class stated. Class 0 (thin walled hard drawn pipes) shall not be bent. Class 1 (thin half hard), Class 2 (half hard) and Class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti siphon pipes, capillary solder fittings and compression fittings shall be "Cobra Watertech" type. Capillary solder fittings shall comply with ISO 2016. Only compression fittings shall be used in walls or ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

<u>Reducing fittings</u> Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60mm only the largest end or branch size is given. Should the Contractor wish to use other fittings and bushes or reducers , he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm all sizes are given and no claim for extra bushes, reducers will be entertained. <u>Excavations</u> No claim for extra rock excavation will be entertained unless the Contractor has timeously notified the Quantity Surveyor , thereof prior to backfilling, in writing "Soft rock" and "Hard rock" shall be as defined in "Earthworks" <u>Laying, Backfilling, Bedding, etc. of Pipes</u> Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with the manufacturer's instructions Where no manufacturer's instructions exist pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following: SABS 1200L : Medium Pressure Pipes LD : Sewers LE : Stormwater Drainage Pipes trenches, etc. shall be backfilled in accordance with Clauses 3, 5.5, 5.6, 5.7 and 7 of SABS 1200DB: Earthworks (Pipe Trenches) Pipes shall be bedded in accordance with Clause 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SABS 1200LB : Bedding (Pipes) Unless otherwise described bedding of rigid pipes shall be Class B bedding	Carried to Collection	R	Section No. 3 Bill No 7 - Sewer Reticulation PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>Flush pans</u> Flush pans shall have straight or side outlets and "P" or "S" traps as necessary <u>Waste unions</u> Description of waste unions shall be deemed to include rubber or vulcanite plugs and chains <u>DRAINAGE</u> <u>NOTE:</u> All items in this section shall be deemed to fall into Work Group No 146 for Haylett formula purposes				
<u>Nature of Ground Conditions</u> A geotechnical survey has been carried out on other surrounding buildings on site by the Engineers and the report is available at the engineers offices for viewings. Description of excavations shall be deemed to include all ground conditions other than "Hard Rock" "Hard Rock" shall mean granite, quartzitic sandstone or other rock of similar hardness which, in the Engineer's opinion, requires drilling, wedging and splitting or the use of explosives, etc. <u>Carting Away of Excavated Material</u> 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 Carried to Collection Section No. 3 Bill No 7 - Sewer Reticulation PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14		R		

<u>Concrete pipes:</u>	Pipes shall be jointed with ogee joints with rubber collars or socket and spigot joints with rubber rings	<u>uPVC pipes and fittings:</u>	Soil, waste and vent pipes and fittings shall be solvent weld jointed	<u>uPVC pressure pipes and fittings:</u>	Pipes for water supply shall be of the class stated	Pipes of 40mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings	Pipes of 50mm diameter and greater shall have sockets and spigots with push in type integral rubber ring joints. Bends shall be uPVC and all other fittings shall be cast iron, all with similar push-in type joints	<u>Reducing fittings</u>	Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60mm only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm all sizes are given and no claim for extra bushes, reducers, etc will be entertained	<u>Exposed concrete surfaces</u>	Exposed surfaces of concrete stormwater channels, cover slabs, inspection eye marker slabs, gully tops, cleaning eye tops, catchpits, inspection chambers, etc shall be finished smooth with plaster	<u>Permission for protected trees</u>	The contractor shall apply to the authorities to seek permission before cutting any trees down	Carried to Collection	R	Section No. 3	Bill No 7 - Sewer Reticulation	PROVISIONAL BILLS OF QUANTITIES	BID NO: DOH08NWER003/CON14

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>These external works bills has been measured in accordance with the engineers specification SABS 1200 and shall be treated as such works</u>					
<u>SITE CLEARANCE</u>					
<u>Clear and grub</u>					
1	Strips, 1.5m wide	m	528		
<u>EARTHWORKS (PIPE TRENCHES)</u>					
<u>Excavate in all materials for trenches, backfill, compact and dispose of surplus materials:</u>					
Pipes over 110mm dia up to 400mm dia for depths:					
2	Over 1.0m up to 2.0m	m	528		
<u>Extra over items above for:</u>					
3	Intermediate excavation	m3	16		
4	Hard rock excavation	m3	8		
<u>Particular Items: Labour intensive Method to EPWP</u>					
5	Shoring of trenches exceeding a depth of 1.5m		Item		
Carried to Collection				R	
Section No. 3 Bill No 7 - Sewer Reticulation PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

<u>BEDDING (PIPES)</u>					
<u>BEDDING FOR SEWER PIPES</u>					
<u>Supply only of bedding by importation:</u>					
From commercial sources materials:					
6	Selected granular materials.	m3	132		
7	Selected fill materials	m3	144		
<u>Concrete bedding cradle:</u>					
8	Class 15MPa/19mm	m3	30		
<u>Encasing of pipes in concrete</u>					
9	Class 15MPa/19mm	m3	30		
<u>PIPE LAYING SEWERS</u>					
<u>Supply, Lay, joint, bed on class C bedding and test pipeline:</u>					
uPVC (SABS 791) pipes of diameter					
10	160mm Dia	m	528		
Extra over for fittings					
11	160mm Dia bends	No	43		
<u>Precast concrete manhole:</u>					
Supply all materials and labor for the construction of concrete manholes from precast sections complete with cover frame, including step irons, channeling, benching, grouting, sockets, etc. in the following Dia. and depth categories					
12	1000mm Dia. 1.5m up to 2.9m	No	18		
Carried to Collection					
Section No. 3					
Bill No 7 - Sewer Reticulation					
PROVISIONAL BILLS OF QUANTITIES					
BID NO: DOH08NWER003/CON14					

**KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE**

[illegible]

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Section No. 3				
Bill No. 7				
Bill No 7 - Sewer Reticulation				
<u>COLLECTION</u>				
	Page No		Amount	
Total Brought Forward from Page No.	413			
Total Brought Forward from Page No.	414			
Total Brought Forward from Page No.	415			
Total Brought Forward from Page No.	416			
Total Brought Forward from Page No.	417			
Total Brought Forward from Page No.	418			
Total Brought Forward from Page No.	419			
Total Brought Forward from Page No.	420			

Carried Forward to Summary of Section No. 3

R

Section No. 3

Bill No 7 - Sewer Reticulation

PROVISIONAL BILLS OF QUANTITIES

BID NO: DOH08NWER003/CON14

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No		Quantity	Rate	Amount
	<u>SECTION 3</u> <u>BILL NO. 8</u> <u>WATER AND FIRE RETICULATION</u> PREAMBLESFor preambles refer to "Department of Public Works: Specification of Materials and Method to be used - PW371"			
	<u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> Excavations Prices for excavations must include for necessary staging for risk of collapse of excavation side. Compacting Filling for all types of prices described as "under solid floors, etc" shall be done with approved backfilling and compacted to 93% Mod. AASHTO density, unless otherwise described Testing Descriptions for the testing of plumbing and drainage installations shall be deemed to cater for all testing apparatus, labour, etc. and shall be done strictly as directed by and in accordance to the Principal Agent's instructions, including for retesting after taking out and making good all defective work to his entire satisfaction			
	Carried to Collection Section No. 3 Bill No 8 - Water Supply and Reticulation PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14		R	

<u>Vitrified clay pipes:</u>	Pipes shall rest on solid ground and, where necessary, pockets of sufficient size shall be cut around joints to enable the jointing to be properly performed or, alternatively, pipes shall be bedded full length on and including unreinforced concrete laid in a semi-dry state immediately before pipes are laid	Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings	<u>uPVC pipes and fittings</u>	Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings	Soil, waste and vent pipe fittings shall be solvent weld jointed	<u>uPVC pressure pipes and fittings</u>	Pipes for water supply shall be of the class stated	Pipes of 40mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings	<u>Copper pipes</u>	Pipes shall be hard drawn and half hard pipes of the class stated. Class 0 (thin walled hard drawn pipes) shall not be bent. Class 1 (thin half hard), Class 2 (half hard) and Class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti siphon pipes, capillary solder fittings and compression fittings shall be "Cobra Watertech" type. Capillary solder fittings shall comply with ISO 2016. Only compression fittings shall be used in walls or ground.	Carried to Collection	R	Section No. 3 Bill No 8 - Water Supply and Reticulation PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14
--	--	--	--	--	---	---	--	--	-----------------------------------	--	-------------------------------------	----------	--

<u>Reducing fittings</u>	Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60mm only the largest end or branch size is given. Should the Contractor wish to use other fittings and bushes or reducers , he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm all sizes are given and no claim for extra bushes, reducers will be entertained.	<u>Excavations</u>	No claim for extra rock excavation will be entertained unless the Contractor has timeously notified the Quantity Surveyor , thereof prior to backfilling, in writing	"Soft rock" and "Hard rock" shall be as defined in "Earthworks"	<u>Laying, Backfilling, Bedding, etc. of Pipes</u>	Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with the manufacturer's instructions	Where no manufacturer's instructions exist pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following: SABS 1200L : Medium Pressure Pipes LD : Sewers LE : Stormwater Drainage	Pipes trenches, etc. shall be backfilled in accordance with Clauses 3, 5.5, 5.6, 5.7 and 7 of SABS 1200DB: Earthworks (Pipe Trenches)	Pipes shall be bedded in accordance with Clause 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SABS 1200LB : Bedding (Pipes)	Unless otherwise described bedding of rigid pipes shall be Class B bedding	Carried to Collection	R	Section No. 3 Bill No 8 - Water Supply and Reticulation PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>Flush pans</u> Flush pans shall have straight or side outlets and "P" or "S" traps as necessary <u>Waste unions</u> Description of waste unions shall be deemed to include rubber or vulcanite plugs and chains <u>These external works bills has been measured in accordance with the engineers specification SABS 1200 and shall be treated as such works</u> <u>Site Clearance</u>				
1	Clear vegetation in length of pipeline route 1.5m wide (Provisional)	m	517		
	<u>Excavation for trenches</u>				
2	Excavate in earth below natural ground level, reduced or made up ground level, not exceeding 2m deep, for:	m	517		
3	Extra-over for excavations in intermediate material	m3	20		
4	Extra-over for excavations in rock (Provisional)	m3	10		
5	Excavate and dispose of unsuitable material from trench bottom	m3	62		
	<u>Backfill and compaction</u>				
6	Backfill and compact trenches using labour intensive methods	m3	72		
	<u>Imported bedding materials:</u> (Bedding to be class C for flexible pipes as indicated in the contract drawings)				
7	Provision of bedding imported from commercial source using selected granular material	m3	88		
	Carried to Collection			R	
	Section No. 3 Bill No 8 - Water Supply and Reticulation PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>Supply, Lay and bed uPVC pipe complete: (The rate shall exclude disinfection of pipes after completion of hydraulic pipe test)</u>					
8	50mm Dia uPVC pipe class 12	m	517			
	<u>Extra Over Fittings and specials - uPVC bends</u>					
9	50mm 45 degree bend	No	2			
10	50mm 90 degree bend	No	2			
	<u>Extra Over Special fittings - uPVC Tees</u>					
11	50mm dia. Equal Tees	No	3			
	<u>Special fittings - Fire Hydrant Bend: (Cast iron fire hydrant, Bitumen dipped and LYING sockets to SABS 546 and SABS 966 with flanged branch, 80mm dia, drilled to SABS 1123, Table 16.)</u>					
12	50mm Dia.	No	2			
	<u>Extra over for special fittings - end caps:</u>					
13	50mm Dia.	No	4			
	<u>Extra over for special fittings - Isolation Valves: (Flanged RSV isolation valves. Valves to be non-rising spindles with cap top)</u>					
14	50mm Dia PN16	No	2			
	<u>Valve Chamber:</u>					
15	Valve chamber - 1200 x 1400 x 1000mm deep, complete including excavations, materials, plant, labor, incidentals, etc. as per detail drawings.	No	2			
	<u>Hydraulic pipe testing</u>					
	Pipes					
16	50mm dia. uPVC class 12	m	517.00			
Carried to Collection					R	
Section No. 3 Bill No 8 - Water Supply and Reticulation PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14						

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>Disinfecting pipe works</u>				
	Pipes				
17	50mm dia. uPVC class 12	m	517.00		
	<u>Thrust Blocks:</u>				
18	Excavations	m3	5		
19	Formwork	m2	10		
20	Concrete (Class 20/19Mpa)	m3	5		
	<u>DRILLING OF BOREHOLE</u>				
	<u>HYDROLOGICAL SURVEY</u>				
	PREAMBLESFor preambles refer to "Department of Public Works: Specification of Materials and Method to be used - PW371"				
	<u>NOTE</u>				
	All prices/rates to be net, excluding Value Added Tax				
21	Professional Fees			SUM	
22	Review existing data			SUM	
23	Identify 1 x drill site and 1 x alternative			SUM	
24	Drilling and testing supervision in accordance to DWA Standards			SUM	
25	Evaluation and reporting with recommendations			SUM	
26	Geophysical equipment hire			SUM	
27	Chemical analysis for portable water: - Water sample x 1			SUM	
	Carried to Collection			R	
	Section No. 3 Bill No 8 - Water Supply and Reticulation PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

[illegible]

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

	<u>Steel bevel-edged point</u>				
37	177mm OD with minimum wall thickness 4mm	m	60		
38	219mm OD with minimum wall thickness 4.5mm	m	30		
39	273mm OD with minimum wall thickness 4mm	m	10		
40	319mm OD with minimum wall thickness 6mm	m	10		
41	Perforation of steel casing in all Dia.	m	24		
	<u>UPVC Casing and screens</u>				
42	200mm OD Dia. solid, threaded ends	m	10		
43	200mm OD Dia. slotted, threaded ends	m	10		
	<u>Reaming of borehole</u>				
44	165mm to 254mm Dia.	m	60		
45	215mm to 305mm Dia.	m	10		
46	Recovery of steel casing	m	10		
47	Formation stabilizer including supply, delivery and installation to the approval of the Principal Agent	kg	2 000		
48	Concrete collar complete per borehole	No	1		
49	Sanitary seal complete prt borehole to minimum 6 meter deep	No	1		
50	Borehole disinfection complete per borehole	No	1		
51	Borehole protection complete per borehole	No	1		
52	Borehole marking complete per borehole	No	1		
53	Site finishing complete per borehole	No	1		
54	Data recording and reporting complete per borehole	No	1		
	Carried to Collection			R	
	Section No. 3				
	Bill No 8 - Water Supply and Reticulation				
	PROVISIONAL BILLS OF QUANTITIES				
	BID NO: DOH08NWER003/CON14				

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

[illegible]

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

<u>ELEVATED AND GROUND TANKS</u>					
69	Supply, deliver, offload, fabricate, erect, test and commission a 100 kL pressed-steel sectional water tank complete with 12 m-high hot-dip galvanised structural steel tank stand, including all structural supports, bracing, access systems, pipework connections, protective coatings, testing and certification, installed on prepared foundations.	No	1		
70	Supply, deliver, offload, assemble, erect, test and commission a 100 kL pressed-steel sectional fire water storage tank, complete with all structural supports, internal components, fittings, access systems and associated works, installed on a prepared reinforced concrete plinth (elsewhere measured)	No	1		
<u>WATER MAIN MUNICIPAL CONNECTION FEE</u>					
71	Provide a sum of R 100 000.00 (One hundred thousand rands) for municipal connection fee.		Item		100 000.00
72	Profit		Item		
73	Attendance		Item		
Carried to Collection				R	
Section No. 3 Bill No 8 - Water Supply and Reticulation PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14					

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Section No. 3				
Bill No. 8				
Bill No 8 - Water Supply and Reticulation				
<u>COLLECTION</u>				
	Page No		Amount	
Total Brought Forward from Page No.	422			
Total Brought Forward from Page No.	423			
Total Brought Forward from Page No.	424			
Total Brought Forward from Page No.	425			
Total Brought Forward from Page No.	426			
Total Brought Forward from Page No.	427			
Total Brought Forward from Page No.	428			
Total Brought Forward from Page No.	429			
Total Brought Forward from Page No.	430			
Total Brought Forward from Page No.	431			

Carried Forward to Summary of Section No. 3

R

Section No. 3
Bill No 8 - Water Supply and Reticulation
PROVISIONAL BILLS OF QUANTITIES
BID NO: DOH08NWER003/CON14

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Bill No	<u>SECTION SUMMARY - Section 3 - External Works</u>	Page No		Amount	
1	Bill No 1 - General Site Works	375			
2	Bill No 2 - Helipad	382			
3	Bill No 3 - Uncovered Walkways	387			
4	Bill No 4 - Covered Walkways	396			
5	Bill No 5 - Decanting	401			
6	Bill No 6 - Fencing	412			
7	Bill No 7 - Sewer Reticulation	421			
8	Bill No 8 - Water Supply and Reticulation	432			
	Carried to Final Summary Section No. 3 PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14		R		

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	SECTION 4				
	BILL NO.1				
	BULK POWER SUPPLY				
1,1	Upgrade existing mini-substation from 315 kVA to 1000 kVA, including removal of existing equipment, supply and installation of new transformer, associated MV/LV switchgear, protection, cabling, terminations, earthing, civil works, testing and commissioning, complete and in accordance with SANS standards. Supply and install diesel standby generator complete with acoustic canopy, AVR, control panel, fuel system, exhaust, ATS interface, earthing, cabling, testing and commissioning, all as per SANS standards and design requirements.	Each	1		
1,2	500kVA diesel generator	Each	1		
1,3	Supply, deliver, install, test and commission a 60kVA UPS system complete with batteries, charger/rectifier, bypass switch, monitoring panel, cabling, terminations, and all accessories required for a fully operational system in accordance with SANS standards.		1		
1,4	Supply, manufacture, assemble, test and commission a complete outdoor-rated low voltage distribution kiosk comprising incoming and outgoing MCCB distribution circuits, complete with internal busbar system, cable termination arrangements, gland plates, earthing, labelling, protection coordination, and all necessary accessories to provide a fully operational and compliant distribution assembly.	Each	4		
1,5	Supply, delivery, installation and commissioning of the following distribution board complete as per drawing in accordance with the relevant electrical layout drawings.				
1,6	DB-1	Each	1		
1,7	DB-2	Each	1		
1,8	DB-3	Each	1		
1,9	DB-4	Each	1		
1,10	DB-GH	Each	1		
1,11	DB-EMS	Each	1		
2	LOW VOLTAGE CABLING				
	Supply, delivery, installation and commissioning of the following 600/1000V LV cables in accordance with the relevant electrical layout drawings and project specification.				
2,1	150mm ² 4 core Cu PVC PVC SWA-ECC PVC	m	300		
2,2	95mm ² 4 core Cu PVC PVC SWA-ECC PVC	m	90		
2,3	70mm ² 4 core Cu PVC PVC SWA-ECC PVC	m	265		
2,4	50mm ² 4 core Cu PVC PVC SWA-ECC PVC	m	180		
2,5	6mm ² 4 core Cu PVC PVC SWA-ECC PVC	m	156		
2,6	4mm ² 4 core Cu PVC PVC SWA-ECC PVC	m	75		
	4mm ² 3 core Cu PVC PVC SWA-ECC PVC	m	1350		
2,7	2,5mm ² 4 core Cu PVC PVC SWA-ECC PVC	m	40		
2,8	2,5mm ² 3 core Cu PVC PVC SWA-ECC PVC	m	1540		
2,9	1,5mm ² 3 core Cu PVC PVC SWA-ECC PVC	m	2043		
3	LOW VOLTAGE CABLING TERMINATIONS				
	Supply, delivery, installation and commissioning of the following LV cable terminations in accordance with the relevant electrical layout drawings and project specification.				
3,1	150mm ² 4 core Cu PVC PVC SWA-ECC PVC	Each	12		
3,2	95mm ² 4 core Cu PVC PVC SWA-ECC PVC	Each	2		
3,3	70mm ² 4 core Cu PVC PVC SWA-ECC PVC	Each	6		
3,4	50mm ² 4 core Cu PVC PVC SWA-ECC PVC	Each	4		
3,5	6mm ² 4 core Cu PVC PVC SWA-ECC PVC	Each	6		
3,6	4mm ² 4 core Cu PVC PVC SWA-ECC PVC	Each	2		
	Carried Forward				

Brought Forward				
3,7	2,5mm ² 4 core Cu PVC PVC SWA-ECC PVC <i>The supply of all stranded earth conductors (both bare and PVC insulated) and lugs and the installation thereof, together with cables on trays, against structures, in sleeves and in wiring channels, including for the fixing and connecting thereof</i>	Each	2	
3,9	95mm ² bare copper conductor	m	150	
3,10	50mm ² bare copper conductor	m	90	
3,11	35mm ² bare copper conductor	m	265	
3,12	25mm ² bare copper conductor	m	180	
3,13	6mm ² bare copper conductor	m	156	
3,14	4mm ² bare copper conductor	m	75	
3,15	2,5mm ² bare copper conductor	m	39	
4	WIREWAYS <i>Supply, delivery, installation and commissioning of the following containment including all mounting accessories as required in accordance with the relevant electrical layout drawings and project specification.</i>			
4,1	P9000 trunking including bends and mounting accessories	m	805	
4,2	25mm galvanised conduit including bends and mounting accessories	m	500	
4,3	200mm medium duty cable ladder including bends and mounting accessories	m	179	
	110mm Sleeve	m	93	
	50mm Sleeve	m	6	
	Wire mesh	m	257	
5	LIGHTING <i>Supply, delivery, installation and commissioning of the following lighting fixtures and accessories in accordance with the project specification.</i>			
5,1	1200 x 600 50W LED Panel (Type A)	Each	39	
5,2	1200 x 600 50W LED Panel (Type AE)	Each	15	
5,3	600 x 600 36W LED Panel (Type A1)	Each	38	
5,4	600 x 600 36W LED Panel (Type A1E)	Each	16	
5,5	Downlight 15W (Type D)	Each	118	
5,6	Downlight 15W (Type DE)	Each	27	
5,7	Bulkhead 15W (Type B)	Each	2	
5,8	Sliver Bollard 21W (Type BL)	Each	22	
5,9	Sputnik 40W (Type FL)	Each	4	
5,10	One way one lever light switch with steel cover plate installed in bed head units or drawboxes white lever	Each	143	
5,11	Occupancy sensor	Each	112	
5,12	Photo cell(day/night switch)	Each	18	
5,13	Allow R 300 000 for exterior lighting	Sum	1	
6	SWITCHES, SOCKETS AND ISOLATORS <i>Supply, delivery, installation and commissioning of the following electrical Socket outlets and isolators in accordance with the relevant electrical single line diagram drawings and project specification.</i>			
6,1	16 A 3-Pin single switch socket	Each	226	
6,2	16 A 3-Pin dedicated switch socket	Each	2	
6,3	16A Dedicated SSO (UPS)	Each	42	
6,4	16A Dedicated SSO (MIT+UPS)	Each	10	
6,5	16A Dedicated SSO (Crash Cart)	Each	5	
6,6	Cat 6 network point	Each	37	
6,7	Telephone network point	Each	36	
6,8	20A, DP isolator	Each	99	
6,9	20A, TP isolator	Each	8	
6,10	Power Skirting	m	132	
Carried Forward				

	Brought Forward				
7	EARTHING AND BONDING				
7,1	Earth and bond the complete electrical installation per building in compliance with SABS Code of Practise.	Sum	1		
7,2	Design, supply, and install a lightning protection system for the building. Rate to include a lightning protection risk assessment and soil resistivity tests.	Sum	1		
8	TEST AND COMMISSION				
8,1	Test and commission entire installation and provide a certificate of compliance	Sum	1		
Carried Forward to Section Summary					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	SECTION 4				
	BILL NO. 2				
	NURSE CALL SYSTEM				
1,1	Supply, deliver, install, test and commission hospital bed head unit complete with integrated electrical services including power sockets, UPS sockets, data points, lighting control, and accessories as indicated on drawings, all complete and operational.	Each	58		
1,2	Supply, deliver, install, terminate, test and commission nurse call mimic panel complete with power supply unit, interface modules, visual/audible alarm indication, zoning display, and all necessary accessories, fully integrated with nurse call system and operational as per drawings and specifications.	Each	3		
1,3	Supply, deliver, install, connect, test and commission over door nurse call light complete with LED visual indicator, sounder (where required), mounting accessories, wiring and interface to nurse call system, fully integrated and operational as per drawings and specifications.	Each	30		
1,4	Supply, deliver, install, terminate, test and commission bathroom latching pushbutton switch complete with indicator (where applicable), back box, wiring, and all necessary accessories for control of toilet lighting/extractor fan, fully operational as per drawings and specifications.	Each	11		
1,5	Supply, deliver, install, terminate, test and commission bathroom pull cord switch complete with ceiling pull cord assembly, indicator (where applicable), ceiling rose/back box, wiring, and all necessary accessories for emergency or toilet lighting control, fully operational as per drawings and specifications.	Each	25		
Carried Forward to Section Summary					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	SECTION 4				
	BILL NO. 3				
	CCTV				
	Supply, install and commission a functional CCTV sytem for Koster hospital to include the following equipment.				
1,1	Supply and install dome cameras as specified, including all mounting accessories.	Each	56		
	Supply and install bullet cameras as specified, including all mounting accessories.	Each	35		
	Supply and install LPR cameras as specified, including all mounting accessories.	Each	2		
1,4	Supply, deliver, install, pull, terminate, label, test and commission Cat6 UTP Ethernet cable complete with all accessories, containment sharing, patch panel termination, RJ45 outlet termination, and testing as per structured cabling standards and drawings.	m	800		
1,5	Provide a provisional sum for all CCTV system ancillary components not specifically quantified, including but not limited to network video recorder (NVR/VMS server), network switches (PoE/non-PoE), CCTV cabinet/rack, hard drives, patching, power supplies, UPS integration, surge protection, network accessories, software licensing, configuration, programming, testing and commissioning to form a complete and fully operational CCTV system as per design intent.	Sum	1		
2	Access control				
	Supply, install and commission a functional Access Control sytem for Koster hospital to include the following equipment.				
2,2	Card reader	Each	60		
2,3	Breakglass Unit	Each	30		
2,4	No touch exit button	Each	30		
2,5	Maglock	Each	30		
2,6	Door closer	Each	30		
2,7	Wiring and terminations	m	250		
2,8	Provide a provisional sum for all access control system ancillary components not specifically quantified, including but not limited to door controllers (single/multi-door), control panels, power supply units with battery backup, system cabinets, network switches, interface modules, cabling accessories, software licensing, configuration, programming, testing and commissioning to form a complete and fully functional access control system as per design intent.	Sum	1		
	Carried Forward to Section Summary				

[illegible]

**SECTION 5 BILL NO 1: PLUMBING, DRAINAGE AND WET
SERVICES RELATED REPAIR WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1,00	<u>PLUMBING AND DRAINAGE</u>				
2,00	DETAIL WORK				
2,01	Isolation, stripping, dismantling and removal of existing brassware, sanitary ware and piping:				
	.01 Piping				
	.01 15 mm ø pipe including fittings and supports	m	6		
	.02 20 mm ø pipe including fittings and supports	m	1678		
	.02 uPVC soil and waste pipes:				
	.01 50 mm ø pipe including fittings and supports	m	525		
	.03 110 mm ø pipe including fittings	m	107		
	.03 Valves				
	.01 15 mm ø isolation valve	No	7		
	.02 20 mm ø isolation valve	No	244		
2,02	Isolation, stripping, dismantling and removal of piping including valves, supports and accessories:				
	.01 25 - 50 mm ø piping	m	299		
	.03 50 - 80 mm ø piping	m	2500		
2,03	Isolation, stripping, dismantling and removal of existing geyser installations:				
	.01 Isolate strip and remove domestic geyser (100 to 250 litres - electric)	No	8		
2,04	Servicing, cleaning, repair, testing, and commissioning of domestic geysers:				
	.01 100 - 250 litre electric geyser	No	8		
Carried forward					

**SECTION 5 BILL NO 1: PLUMBING, DRAINAGE AND WET
SERVICES RELATED REPAIR WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
3,00	Installation of above ground sanitary drainage piping system:				
	.01 uPVC soil and waste pipes:				
	.01 50 mm ø pipe fixed to walls and soffits	m	734		
	.02 110mm ø soil pipe fixed to walls and soffits	m	214		
	.02 uPVC soil and waste pipe fittings:				
	.01 50 mm dia access bend 87.5°	No	386		
	.02 50 mm tee piece	No	24		
	.03 110 mm dia access bend 87.5°	No	116		
	.04 110 mm dia plain bend 90°	No	2		
	.05 110 mm vent horn bend access heel 95°	No	1		
	.06 110 mm tee piece	No	1		
	.07 110 mm x 50 mm tee piece	No	2		
3,01	Supply, installation, testing and commissioning of domestic water piping installation:				
	.01 Copper piping Class 0 SABS 460 with capillary soldered type joints for hot and cold-water piping chased in walls including wrapping of pipes with builders paper, chasing and reinstatement of chased surfaces:				
	.01 15-22 mm ø including fittings	m	2700		
	.02 Lagging and cladding of hot water 15-22 mm ø piping	m	1350		
Carried forward					

**SECTION 5 BILL NO 1: PLUMBING, DRAINAGE AND WET
SERVICES RELATED REPAIR WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
	.02 Isolation valves for hot and cold water piping				
	.01 15-22 mm ø isolation valve	No	235		
	.03 Replace additional geyser accessories				
	.01 20 mm ø pressure-reducing valve, including two gate vales and non-return valve set at 400 kPa	No	21		
	.04 Supply, Installation, testing and commissioning of miscellaneous fittings, piping, valves				
	.01 50 mm ø galvanised pipe complete with galvanized cladding and lagging	m	376		
	.02 50 mm x 20 mm ø tee	No	36		
	.03 22 mm x 20 mm straight compression coupler CxMI	No	230		
	.04 20 mm ø galvanised nipple	No	109		
	.05 20 mm brass gate isolation valve	No	116		
	.06 50 mm ø pipe insulated	m	72		
	.07 50 mm ø union	No	20		
	.08 50 mm ø galvanised check valve	No	2		
	.09 22 mm ø copper check valve	No	4		
	.10 20 mm ø brass check valve	No	1		
	.11 20 mm ø plug	No	2		
	.12 50 mm ø galvanised elbow	No	6		
Carried forward					

**SECTION 5 BILL NO 1: PLUMBING, DRAINAGE AND WET
SERVICES RELATED REPAIR WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
3,02	.13 20 mm ø union	No	2		
	.14 50 mm ø isolation valve	No	2		
	.15 50 mm x 20 mm ø reducer	No	2		
	.16 25 mm ø isolation valve	No	1		
	.17 25 mm ø union	No	1		
	.18 25 mm ø galvanised pipe	No	2		
	.19 25 mm x 20 mm reducer	No	1		
	.20 20 mm ø socket	No	26		
	Supply, installation, testing and commissioning of domestic geyser and heat pump combination including heat pump, recirculation pumps, two shut-off valves, strainer, galvanised mild steel drip tray if necessary, non-return valve, expansion relief valve, safety valve, drain piping, all brackets, fittings and electrical connection:				
	.01 SANS151 dual 200 litre, 4 kW 600kPA approved geyser, heat pump capacity of 7kW complete with electrical change over switch (Heat Pump/Off/Geyser)	No	2		
	.02 SANS151 dual 150 litre, 3 kW 600kPA approved geyser, heat pump capacity of 7kW complete with electrical change over switch (Heat Pump/Off/Geyser)	No	3		
	.03 SANS151 dual 100 litre, 2 kW 600kPA approved geyser, heat pump capacity of 5kW complete with electrical change over switch (Heat Pump/Off/Geyser)	No	3		
Carried forward					

**SECTION 5 BILL NO 1: PLUMBING, DRAINAGE AND WET
SERVICES RELATED REPAIR WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
3,03	.04 Supply and Install 10L Automatic Boiling water dispenser stainless steel finish	No	4		
	Supply, delivery, installation, testing, and commissioning of SANS 151, SANS 60335-2-21, 10 Litre Under Basin, 1.5kW, Point of Use Electric Water Heater	No	1		
Carried Forward to Section Summary					

**SECTION 5 BILL NO 2: MORTUARY EQUIPMENT RELATED REPAIR
WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1,00	<u>MECHANICAL EQUIPMENT</u>				
2,00	<u>MORTUARY EQUIPMENT</u>				
2,01	Body storage cabinets				
	.01 De-commission and removal of existing 3-body units and deliver at Hospital Stores	No	2		
	.02 Supply and delivery of stainless body storage cabinets with body trays. The bottom body tray for an obese body. Three-tier cabinets 2665 x 822 x 1929 mm. Insulation polystyrene 100 mm thick. Cabinet temperature 1 degree. Gas R507. IUSS guidelines apply. Cooling capacity 1,365W, Compressor motor 370W, power rating 1,100W single phase, doors with airtight neoprene gaskets, service panel on rear of the cabinet reinforced with the inner frame in order to carry the air-cooling and condensing units. Thermometer mounted above doors on the front of each cabinet. Refrigerant tubing, instrument panel, electrical wiring, and all other parts are factory mounted on the service panel. Isolator and pressure switch are mounted and fixed to the service panel.	No	1		
	.03 Installation, testing and commissioning of body storage cabinets	No	1		
	.04 Training of personnel on operation and maintenance of storage body cabins	Sum	-	-	
	.05 Supply, delivery, installation, testing, and commissioning of stainless steel hydraulic lifting trolley. Dimensions 2005 x 815 x 360 mm minimum height and 1850 maximum height mm. Lifting load 250 kg. Castors 125 mm diameter non marking grey rubber.	No	1		
	.06 Training of personnel on operation and maintenance of body lifts	Sum	-	-	
	.07 Supply, deliver, installation of stainless steel standard body trays with diameter 25 mm round stainless steel frames to bottom and handles. Inside depth of tray is 50 mm. Dimensions: 2160 x 555 mm	No	2		
Carried forward					

**SECTION 5 BILL NO 2: MORTUARY EQUIPMENT RELATED REPAIR
WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
2,02	.08 Supply, deliver, installation of stainless steel obese body trays with diameter 25 mm round stainless steel frames to bottom and handles. Inside depth of tray is 50 mm. Dimensions: 2160 x 756 mm	No	1		
	.09 Supply and delivery of stainless steel mortuary trolley and standard stainless body tray with dimensions: 2120 x 2075 x 726 mm. Mortuary trolley 2000 x 672 x 850 with 125 mm diameter bolt type castors and rubber bumpers.	No	1		
	.10 Supply and delivery of stainless steel mortuary transportation trolley with cover and obese stainless steel body trolley with dimensions 2160 x 756 mm. Mortuary transportation trolley dimensions 2105 x 710 x 925 complete with four diameter 16 mm roller shafts and eight white nylon rollers fitted to shafts with stainless steel cir-clips. Four diameter 125 mm swivel castors all with brakes and rubber bumper and hinged top frame with removable PVC cover sheet.	No	1		
	Change room				
3,03	.01 Supply and delivery of 1 Tier compartment clothes Locker with latch lock 1-way for padlock including top shelf and hang rail	No	8		
	<u>OPERATING AND MAINTENANCE MANUALS:</u>				
	Supply and deliver operating and maintenance				
	.01 Body Holding & Equipment (O&M Manual &	Sum			
Carried Forward to Section Summary					

SECTION 5 BILL NO 3: AUTO CLAVES

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1,00	<u>MECHANICAL EQUIPMENT</u>				
2,00	<u>REPAIR/SERVICE OF AUTOCLAVES</u>				
2,01	Compilation of the Defects Inspection Report for the autoclave with electrical steam generator. The inspection will include checking and recording all: • Safety valves • Control valves • Opening steam generator • Checking all seals • Confirming correct operating cycles For Medical 393 litre autoclave	No	1		
	<u>SCOPE OF REPAIR WORK FOR 393 LITRE MEDICLAVE AUTOCLAVE UNIT</u>				
2,02	Move Autoclave to prescribed location within the Hosiptial to the new Autoclave plant room	Sum	-	-	
2,03	Repair all steam, water and drain connections	No	1		
2,04	Services all moving parts	No	1		
2,05	Replace all seals	No	1		
2,06	Reinstall all covers and doors	No	1		
2,07	Lubrication of equipment and components	No	1		
2,08	Service and repair all valves and safety valves as well as setting valves in accordance with the required blow of pressure for each of the installations and Statutory testing and reporting Provide Pressure Test Certificate from AIA Inspector based on pressure test of unit.	No	1		
2,09	Replace pre-programmed micro-processor control system	No	1		
2,10	Service, testing and commissioning of Duplex water softener treatment system supplying autoclave	No	1		
Carried forward					

SECTION 5 BILL NO 3: AUTO CLAVES

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
2,11	Testing and commissioning of soft water circulation pump	No	1		
2,12	Testing and commissioning of existing 393L	No	1		
2,13	Training of the Hospital maintenance staff on the maintenance and operation of water softeners	Sum			
2,14	<u>OPERATING AND MAINTENANCE MANUALS:</u>				
2,15	Su				
	.01 Pro Manual for the 393L Mediclave Auto Clave	Sum			
Carried Forward to Section Summary					

SECTION 5 BILL NO 4: VACUUM OXYGEN AND LP AIR EQUIPMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1,00	<u>MECHANICAL EQUIPMENT</u>				
2,00	<u>VACUUM, OXYGEN AND LP AIR EQUIPMENT</u>				
2,01	Vacuum Pump and System				
	.01 Commissioning and testing of the existing Busch vacuum pump system 3.5kW, 400V electrical motors	No	1		
	.02 Supply, delivery, installation, testing and commissioning of new medical grade vacuum copper pipe sections. This shall include cutting, preparing, welding, cleaning, bracketing, marking, colour coding and all required fittings for the following pipe sizes:				
	.01 3/8" dia.	m	50		
	.02 1/2" dia.	m	50		
	.03 5/8" dia.	m	50		
	.04 7/8" dia.	m	50		
	.05 1" dia.	m	40		
	.06 1 1/8" dia.	m	40		
	.07 1 3/8" dia.	m	40		
	.08 1 5/8" dia.	m	40		
	.09 2 1/8" dia.	m	40		
	.05 Supply, delivery, installation, testing and commissioning of new medical grade vacuum isolation valves including removal of existing valve installation new valve and all required fittings for the following sizes:				
	.01 1" dia.	No	15		
	.02 1 1/8" dia.	No	10		
	.03 1 3/8" dia.	No	10		
	.04 1 5/8" dia.	No	1		
	.05 2 1/8" dia.	No	1		
Carried forward					

PROVISIONAL BILLS OF QUANTITIES

BID NO: DOH08NWER003/CON14

SECTION 5 BILL NO 4: VACUUM OXYGEN AND LP AIR EQUIPMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
2,02	.06 Removal of vacuum terminal unit				
	.01 3/8"-1/2"dia.	No	15		
	.08 Supply and install vacuum bottle trap, complete with 5L glass bottle, quick release clamp and all valves, for 22mm connection secured to wall and connected to inlet and outlet piping	No	5		
	Oxygen System				
	.01 Supply, delivery, installation, testing and commissioning of new medical grade copper oxygen pipe sections. This shall include cutting, preparing, welding, cleaning, bracketing, testing, marking, colour coding and all required fittings for the following pipe sizes:				
	.01 3/8" dia.	m	50		
	.02 1/2" dia.	m	50		
	.03 5/8" dia.	m	50		
	.04 7/8" dia.	m	50		
	.05 1" dia.	m	40		
	.06 1 1/8" dia.	m	40		
	.07 1 3/8" dia.	m	40		
	.02 Supply, delivery, installation, testing and commissioning of new medical grade oxygen isolation valves including removal of existing valve installation new valve and all required fittings for the following sizes:				
	.01 3/8" dia.	No	1		
	.02 1/2" dia.	No	7		
	.01 5/8" dia.	No	7		
	.02 1" dia.	No	1		
	.03 1 3/8" dia.	No	1		
Carried forward					

SECTION 5 BILL NO 4: VACUUM OXYGEN AND LP AIR EQUIPMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
2,03	.06 Removal of oxygen terminal unit .01 3/8"-1/2"dia.	No	15		
	.04 Supply and delivery of the reserve bank of oxygen cylinders, this shall include all relevant components, pressure gauges, non return valves, filter, pigtails, wall supports, vent valves, manifold, pressure reducing valves and isolation valves etc. for 3 cylinders	Prov Sum	-	-	120 000,00
	.05 Installation, testing and commissioning of the reserve bank of oxygen cylinders, this shall include all relevant components, pressure gauges, non return valves, filter, pigtails, wall supports, vent valves, manifold, pressure reducing valves and isolation valves etc. for 3 cylinders	Prov Sum	-	-	12 000,00
	LP Air System				
	.01 Supply, delivery, installation, testing and commissioning of new medical grade LP Air pipe sections. This shall include cutting, preparing, welding, cleaning, bracketing, marking, colour coding and all required fittings for the following pipe sizes: .01 3/8" dia.	m	80		
	.02 Replace LP Air isolation valves including removal of existing valve, installation of new medical grade valve and all required fittings for the following sizes: .01 3/8" dia.	No	9		
	.03 Supply and delivery of reserve source of LP Air supply cylinders, this shall include all relevant components, pressure gauges, non return valves, filter, pigtails, wall supports, vent valves, manifold, pressure reducing valves and isolation valves etc. for 2 cylinders per source of supply	Prov Sum	-	-	60 000,00
	Carried forward				

SECTION 5 BILL NO 4: VACUUM OXYGEN AND LP AIR EQUIPMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
2,04	.04 Installation, testing and commissioning of the duty, standby and reserve source of supply of nitrous oxide cylinders, this shall include all relevant components, pressure gauges, non return valves, filter, pigtails, wall supports, vent valves, manifold, pressure reducing valves and isolation valves etc. for 2 cylinders per source of supply	Prov Sum			6 000,00
	Extra on piping for welded or screwed pipe fittings, bush, reducing bush, elbow, bend, Tee, Reducing T, Flange set, etc. for the testing and all required fittings for the following copper pipe sizes				
	.01 3/8" dia. Fittings, bend, tee, reducing tee etc.	No	35		
	.02 1/2" dia. Fittings, bend, tee, reducing tee etc.	No	140		
	.03 5/8" dia. Fittings, bend, tee, reducing tee etc.	No	80		
	.04 7/8" dia. Fittings, bend, tee, reducing tee etc.	No	40		
	.05 1" dia. Fittings, bend, tee, reducing tee etc.	No	40		
2,05	Supply and install indicator panel in ward for oxygen, vacuum and LP Air which shall comprise both auditory and visual indicators and include all necessary fittings	No	2		
2,06	Supply and install indicator panel in ward for oxygen and vacuum which shall comprise both auditory and visual indicators and include all necessary fittings	No	4		
2,07	Pressure testing of complete oxygen, vacuum and LP Air piping system to 1,5 times the working pressure	Sum			
2,08	Testing and Commissioning of complete, oxygen, vacuum and LP Air piping and alarm system to show system design flow, nominal distribution pressure and visual and auditory alarms	Sum			
Carried forward					

SECTION 5 BILL NO 4: VACUUM OXYGEN AND LP AIR EQUIPMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
2,09	Piping Colour coding				
	Neatly painting new or existing medical gas and vacuum piping along the full length				
	.01 15mm pipe	m	50		
	.02 22mm pipe	m	50		
	.03 28mm pipe	m	50		
	.04 35mm pipe	m	50		
2,10	Medical gas valve boxes				
	Supply and install white epoxy coated enclosures with hinged lids and square key panel locks				
	.01 4 valves	No	2		
	.02 5 valves	No	2		
2,11	Labels "Medical Gas Valve, Do Not Close" screwed to cover	No	4		
2,12	Labelling of Pipes	No	60		
	Adhesive directional arrows, including gas name, colour coding and direction of flow, applied to pipe				
2,10	Rebracketing of existing pipe:				
	Nylon Fischer clips secured to wall				
	.01 15mm pipe	No	50		
	.02 22mm pipe	No	50		
	.03 28mm pipe	No	50		
	.04 35mm pipe	No	50		
3,00	<u>OPERATING AND MAINTENANCE MANUALS:</u>				
3,01	Supply and deliver operating and maintenance manual to submit a complete set of operating and maintenance manuals:				
	.01 Vacuum Oxygen and Nitrous Oxide equipment (O&M Manual & Drawings)	Sum			
Carried Forward to Section Summary					

**SECTION 5 BILL NO 5: HOT WATER SUPPLY AND STORAGE
HEATERS**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1,00	<u>MECHANICAL EQUIPMENT</u>				
2,00	<u>HOT WATER STORAGE HEATERS</u>				
2,01	Isolate, drain, clean out, descale and inspection of hot storage water heaters	No	1		
2,02	Compile Defects Inspection Report for the existing hot water storage heater. This inspection will include and recording all: .01 Safety valves .02 Control valves .03 Checking all seals .04 Checking all welds and shell integrity .05 Pressure and temperature gauges .06 Connecting valves, nozzles and piping .07 Lagging and cladding for existing hot water storage heater system	No	1		
2,03	Build concrete plinth (25Mpa) for hot water storage heater and position hot water storage heater to a suitable location within plant room	No	2		
2,04	Supply, delivery and install isolation valves for hot water applications .01 15 mm diameter including pig tail pipe for pressure gauge, if applicable .02 25 mm diameter isolation valve for hot water applications including nipples or connectors to hot water storage tank .03 50 mm diameter isolation valve for hot water applications including nipples or connectors to hot water storage tank	No No No	6 2 18		
2,05	Supply, delivery and install pressure gauges for hot water storage applications	No	6		
2,06	Supply, delivery and install temperature gauge for hot water storage applications	No	2		
2,07	Repair existing lagging and cladding of 2500L hot water storage tank	m ²	11		
2,08	Repaint hot water storage heater for paint protection in hot water applications	m ²	11		
Carried forward					

PROVISIONAL BILLS OF QUANTITIES

BID NO: DOH08NWER003/CON14

**SECTION 5 BILL NO 5: HOT WATER SUPPLY AND STORAGE
HEATERS**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
2,09	Replace gasket, bolts and nuts and box up hot water storage tank	Sum	-		
2,10	Supply, delivery, install and testing of hot water storage heater safety valve and pipe and/or drains drains to safe distance including fittings and supports				
	.01 20mm safety valve	No	2		
	.02 20mm diameter pipe	m	20		
2,11	Testing and commissioning of existing hot water storage tank including recertification and nameplate mounting on a visible location	sum	-		
2,12	Supply, manufacturing, delivery, off-loading, positioning, installation, testing, and commissioning of new hot water storage calorifiers with capacity of 2 500 liters complete with ancillary equipment as specified including lagging and cladding	No	2		
2,13	Supply, delivery and install of hot/cold water piping including supports and galvanized cladding and insulation for hot water applications.				
	.01 50 mm diameter GMS	m	50		
	.02 Supply and install galvanized lagging and cladding for existing pipes	m	300		
2,14	Supply, delivery, installation, testing and commissioning of equipment for hot water applications				
	.01 50 mm diameter water meter	No	1		
	.02 50 mm diameter strainers	No	2		
	.03 50 mm diameter check valve	No	5		
	.04 Booster pump set including pressure regulators, protection circuit and panels balancing/accumulator vessel cabling	PC Sum	-	-	120 000,00
	.05 Attendance and Profit	%	120000	%	
Carried forward					

**SECTION 5 BILL NO 5: HOT WATER SUPPLY AND STORAGE
HEATERS**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
	.05 15 mm isolation valve for sampling point including tee and sampling piping	No	1		
	.05 Hot water recirculation pump set including pressure regulators, protection circuit and panels and cabling	No	2		
	.07 Hot water heater (generator) including recirculation pump, piping from hot water heater complete with supports and lagging and cladding, control panel pressure and temperature gauges and cabling				
	.01 33kW 400V heat pump	No	1		
	.02 36kW 400V heater complete with pipe work, thermostat, pressure gauge, safety valve etc	No	1		
	.03 12kW 400V inline re-heater complete with pipe work, thermostat, pressure gauge, safety valve etc	No	1		
	.04 Supply and Installation of Control Panel for 36kW heater, 12kW inline re-heater complete with mains isolator, circuit breakers, contractors, control circuit,, relays, selector switches and indication lights in an IP65 enclosure. Cost to include cabling between control panel and heaters	No	1		
	.05 50mm diameter GMS piping including fittings, cladding, insulation and supports	m	40		
	.08 Disconnection and removal of existing 500 litre Industrial Geyser and Control Panel	No	1		
	.09 Delivery and Installation of 500 litre Industrial Geyser and Control Panel at Mass Kitchen	No	1		
Carried Forward to Section Summary					

SECTION 5 BILL NO 6: COLD & FREEZER ROOM

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1,00	<u>MECHANICAL EQUIPMENT</u>				
2,00	<u>REFRIGERATION EQUIPMENT</u>				
2,01	Cold room: Main kitchen				
	.01 Full service as per manufacturer requirements and described in FG 12.2 up to a and including FG 12.5	No	1		
2,02	Freezer room: Main kitchen				
	.01 Full service as per manufacturer requirements and described in FG 12.2 up to a and including FG 12.5	No	1		
	.02 Defrost cycle to be serviced	No	1		
	.03 Supply and install isolation for refrigerant pipes	m	20		
	.04 Contingent work and other repairs required at at the start of the contract Install door with door heater and new door with door seals and associated work for freezer and cold room	PC Sum			50 000,00
Carried Forward to Section Summary					

**SECTION 5 BILL NO 7: HEATING, VENTILATION AND AIR-
CONDITIONING SYSTEMS RELATED REPAIR WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1,00	<u>AIR CONDITIONING</u>				
1,01	Preliminary and General Allow for site establishment; programming of the works co-ordination and attending progress meetings; management and programming of the works during the entire contract period; costs related to all insurances as required by the contract; testing, balancing commissioning and handover of all equipment; for any and all protection against possible damage to equipment installation, testing equipment, gear etc; cleaning and start-up of the installation; providing and implementing an approved quality insurance/quality control system to international standards; one year comprehensive maintenance and guarantees; training of personnel; performance security costs; preparation of shop drawings, equipment submissions and detail engineering; submission of samples; preparation and submission of "As built" drawings of the wrks; Labelling (inclusive of labels on ceiling to indicate mechanical equipment positions); traveling; safety file				
		Sum	-	-	
1,02	General				
	.01 Clean air intake screen	No	3		
	.02 Replace filters	set	3		
	.03 De-rust neutralize and touch up paintwork	No	3		
	.04 Check setting and operation of all pressure switches and reset	No	3		
	.05 Check setting and operation of all safety switches, i.a. LP&HP switches, oil pressure switch	No	3		
	.06 Check setting and operation of thermostat	No	3		
Carried forward					

**SECTION 5 BILL NO 7: HEATING, VENTILATION AND AIR-
CONDITIONING SYSTEMS RELATED REPAIR WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
1,03	.07 Check running current of fans and compressor and settings and operation of overloads	No	3		
	.08 Check tightness of all electrical terminals	No	3		
	.09 Ensure operation of local and remote isolators	No	3		
	.10 Reposition and strap cables	No	3		
	.11 Carry out a leak test on all refrigeration piping and components inclusive of evaporator and condenser	No	3		
	.12 Replace compressor vibration mounts	set	3		
	.13 Check refrigerant charge sight glass being clear or flashing	No	3		
	.14 Clean condensate tray and test drainage operation	No	3		
	.15 Clean evaporator and condenser fan blades and check unbalance	No	3		
	.16 Galvanized unistrut brackets	No	3		
	Strip and relocation of existing DX split type air-conditioning units (Including Outdoor Units), to specification, tested and commissioned . Including final electrical connections between isolator and outdoor unit, HARD WIRED CONTROLLER included. All Outdoor Units to be mounted on cantilver support brackets.				
	.01 Strip and handover of existing units	No	15		
Carried forward					

**SECTION 5 BILL NO 7: HEATING, VENTILATION AND AIR-
CONDITIONING SYSTEMS RELATED REPAIR WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
1,04	Supply and Installtion of new DX split type air-conditioning units (Including Outdoor Units), to specification, tested and commissioned . Including final electrical connections between isolator and outdoor unit, HARD WIRED CONTROLLER included. All Outdoor Units to be mounted on cantilver support brackets. Where refrigerant piping is installed internally, rates shall include cable tray and thermal insulation. Where refrigerant piping is installed externally, rates shall include thermal insulation, trunking, and galvanised covering to all exposed refrigerant pipework Midwall Units (Actual Cooling Capacity required is referred to as ACC. Deration of units by contractor.) .01 MW01: 2.2 kW (ACC) inclusive all accessories (15m one way of ref piping) Ceiling Cassette Units (Actual Cooling Capacity required is referred to as ACC. Deration of units by contractor.) .05 CC01: 2,8 kW (ACC) inclusive all accessories (17m one way of ref piping) .06 CC02: 5.2 kW (ACC) inclusive all accessories (17m one way of ref piping)	No	2		
1,05	uPVC Piping and Fittings Supply and installation of condensate drain piping from indoor units, including pipes, fittings, supports, hangers, and all necessary accessories, complete as required. Provide thermal insulation to the final 1.5 meters of condensate piping at each indoor .01 Condensate Piping	m	98		
1,06	Replace temperature control unit (Remote)	No	3		
1,07	Vacuum and re-gas R22 AC unit	No	1		
1,08	Vacuum and re-gas R410 AC unit	No	2		
1,09	Replace 25mm Thermaflex isolation	m	30		
Carried forward					

**SECTION 5 BILL NO 7: HEATING, VENTILATION AND AIR-
CONDITIONING SYSTEMS RELATED REPAIR WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
1,10	Provide Full service of Air conditioning unit according to manufacturer's specification: specification:				
	.01 Split type Mid Wall Air conditioner	No	3		
2,00	<u>LABELLING</u>				
2,01	Supply and install traffolite labels for identification of all types of air conditioning units	No	43		
3,00	<u>CENTRAL HEATING, VENTILATION AND AIR CONDITIONING</u>				
3,01	Isolation, decommissioning, stripping, dismantling and removal of existing central HVAC, ducting and cabling and dispose.	Sum	-	-	
3,02	Isolation, decommissioning, stripping, dismantling and removal of existing air handler units from courtyard and dispose	No	2		
3,00	<u>FRESH AIR DUCT SYSTEM</u>				
3,03	Supply, delivery, installation, commissioning, testing of Fresh air Duct System				
	Sheet metal ducting				
	.01 Straight Ducting				
	.01 Category 1 - (up to 750mm with semi perimeter < 1150mm)	m ²	232		
	.02 Category 2 - (up to 750mm with semi perimeter > 1150mm)	m ²	29		
	.03 Category 6 - (Round/Spiral Ducting < Ø450)	m ²	183		
	Duct fittings				
	.01 Bends				
	.01 Category 1 - (up to 750mm with semi perimeter < 1150mm) 600x600 (90° Bend)	No	1		
Carried forward					

**SECTION 5 BILL NO 7: HEATING, VENTILATION AND AIR-
CONDITIONING SYSTEMS RELATED REPAIR WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
	.02 Category 6 - (Round/Spiral Ducting < Ø450) Ø200 (90° Bend)	No	22		
	.03 Category 6 - (Round/Spiral Ducting < Ø450) Ø250 (90° Bend)	No	1		
	.04 Category 7 - (Round/Spiral Ducting > Ø450) Ø560 (90° Bend)	No	1		
	.02 Square To Rounds				
	.01 300x300-ø250	No	4		
	.02 300x400-ø200	No	1		
	.03 600x600-ø560	No	3		
	.04 900x600-ø560	No	2		
	.05 ø560-500x400	No	3		
	.03 Transformations				
	.01 400x300-300x300	No	3		
	.02 400x400-400x300	No	1		
	.03 500x400-300x400	No	2		
	.04 500x400-400x400	No	2		
	.05 600x600-500x400	No	1		
	.06 1200x600-600x600	No	1		
	.07 ø250-ø200	No	5		
	.04 Spigots				
	.01 Category 6 - (Round/Spiral Ducting < Ø450): Ø200	No	57		
	.02 Category 6 - (Round/Spiral Ducting < Ø450): Ø250	No	13		
	.05 Duct Accessories				
	.01 Shoes: 300x300	No	4		
	.02 Dampers: Ø200	No	49		
Carried forward					

**SECTION 5 BILL NO 7: HEATING, VENTILATION AND AIR-
CONDITIONING SYSTEMS RELATED REPAIR WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
	.03 Dampers: Ø250	No	7		
	.04 Dampers: 300x300	No	4		
	.05 Pleated Filters: (Hinged access, washable, G4, Including holding frame(filter plenum box), connection screws, fittings etc.): 600x600	No	1		
	.06 Pleated Filters: (Hinged access, washable, G4, Including holding frame(filter plenum box), connection screws, fittings etc.): 1200x600	No	1		
	.07 Pleated Filters: (Hinged access, washable, G4, Including holding frame(filter plenum box), connection screws, fittings etc.): 900x600	No	2		
	.06 Air Terminals				
	.01 Disc Valves (Including mounting frame, connection screws, paintwork, 1.5 m each acoustic flexible connection,etc.): Ø200, Ø200 Spigot	No	52		
	.02 Diffusers (Constant Volume Diffuser including mounting frame, connection screws, paintwork, 1.5m each acoustic flexible connection, etc.): 600x600 - Ø200 Spigot	No	14		
	.03 Diffusers (Constant Volume Diffuser including mounting frame, connection screws, paintwork, 1.5m each acoustic flexible connection, etc.): 600x600 - Ø250 Spigot	No	10		
	.04 Weather Louvres (Fixed blade grille for Extract Air, including connections, clamps, mountings, etc.): 900x600	No	2		
	.05 Weather Louvres (Fixed blade grille for Extract Air, including connections, clamps, mountings, etc.): 1200x600	No	1		
Carried forward					

**SECTION 5 BILL NO 7: HEATING, VENTILATION AND AIR-
CONDITIONING SYSTEMS RELATED REPAIR WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
	.06 Weather Louvres (Fixed blade grille for Extract Air, including connections, clamps, mountings, etc.): 600x600	No	1		
	.07 Ventilation Fans (In-line tube fan, C/W steel mounting frame ,tie rods, flanges as specified, suitable electrical connection wiring (1,5m long) between isolator and fan terminals, including vibration isolators, tested, commissioned and installed in position.)				
	.01 Fan: >= 1335 l/s @ 350 Pa	No	1		
	.02 Circular Sound Attenuator Set - 1,5D Length of 802.03.07.01	No	1		
	.03 Fan: >= 1570 l/s @ 350 Pa	No	1		
	.04 Circular Sound Attenuator Set - 1,5D Length of 802.03.07.03	No	1		
	.05 Fan: >= 1200 l/s @ 350 Pa	No	1		
	.06 Circular Sound Attenuator Set - 1,5D Length of 802.03.07.05	No	1		
	.07 Fan: >= 900 l/s @ 350 Pa	No	1		
	.08 Circular Sound Attenuator Set - 1,5D Length of 802.03.07.07	No	1		
4,00	<u>EXTRACT AIR DUCT SYSTEM</u>				
4,01	Supply, delivery, installation, commissioning, testing of Extract Air Duct System				
	Sheet metal ducting				
	.01 Straight Ducting				
	.01 Category 1 - (up to 750mm with semi perimeter < 1150mm)	m ²	226		
	.02 Category 6 - (Round/Spiral Ducting < Ø450)	m ²	179		
Carried forward					

**SECTION 5 BILL NO 7: HEATING, VENTILATION AND AIR-
CONDITIONING SYSTEMS RELATED REPAIR WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
	Duct fittings				
	.01 Bends				
	.01 500x400 (45° Bend)	No	4		
	.02 Category 6 - (Round/Spiral Ducting < Ø450): Ø200 (90° Bend)	No	18		
	.03 Category 6 - (Round/Spiral Ducting < Ø450): Ø250 (90° Bend)	No	4		
	.04 Category 6 - (Round/Spiral Ducting < Ø450): Ø300 (90° Bend)	No	1		
	.05 Category 6 - (Round/Spiral Ducting < Ø450): Ø400 (90° Bend)	No	1		
	.02 Square To Rounds				
	.01 300x300-ø250	No	2		
	.02 600x300-ø400	No	1		
	.03 600x600-ø560	No	3		
	.03 Transformations				
	.01 400x300-300x300	No	2		
	.02 400x400-400x300	No	2		
	.03 400x500-400x400	No	3		
	.04 ø250-ø200	No	7		
	.05 ø300-ø200	No	4		
	.06 300x300-200x300	No	1		
	.07 400x400-300x300	No	1		
	.04 Spigots				
	.01 Category 6 - (Round/Spiral Ducting < Ø450): Ø200	No	50		
	.02 Category 6 - (Round/Spiral Ducting < Ø450): Ø250	No	11		
Carried forward					

**SECTION 5 BILL NO 7: HEATING, VENTILATION AND AIR-
CONDITIONING SYSTEMS RELATED REPAIR WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
	.03 Category 6 - (Round/Spiral Ducting < Ø450): Ø300	No	4		
	.05 Duct Accessories				
	.01 Butterfly Dampers: Ø200	No	34		
	.02 Butterfly Dampers: Ø250	No	7		
	.03 Butterfly Dampers: Ø300	No	3		
	.04 Fire Dampers: Fuseable link dampers: 250x250	No	6		
	.05 Fire Dampers: Fuseable link dampers: 300x300	No	6		
	.06 Fire Dampers: Fuseable link dampers: 600x600	No	6		
	.07 Shoes: 400x400	No	1		
	.08 Opposed blade dampers: 400x400	No	1		
	.06 Air Terminals				
	.01 Disc Valves (Including mounting frame, connection screws, paintwork, 1.5 m each acoustic flexible connection, etc.): Ø200, Ø200 Spigot	No	39		
	.02 Diffusers (Constant Volume Diffuser including mounting frame, connection screws, paintwork, 1.5m each acoustic flexible connection, etc.): 600x600 - Ø200 Spigot	No	17		
	.03 Diffusers (Constant Volume Diffuser including mounting frame, connection screws, paintwork, 1.5m each acoustic flexible connection, etc.): 600x600 - Ø250 Spigot	No	11		
	.04 Weather Louvres (Fixed blade grille for Extract Air, including connections, clamps, mountings, etc.): 600x300	No	1		
Carried forward					

PROVISIONAL BILLS OF QUANTITIES

BID NO: DOH08NWER003/CON14

**SECTION 5 BILL NO 7: HEATING, VENTILATION AND AIR-
CONDITIONING SYSTEMS RELATED REPAIR WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
	.05 Weather Louvres (Fixed blade grille for Extract Air, including connections, clamps, mountings, etc.): 600x600	No	3		
	.07 Ventilation Fans (In-line tube fan, C/W steel mounting frame ,tie rods, flanges as specified, suitable electrical connection wiring (1,5m long) between isolator and fan terminals, including vibration isolators, tested, commissioned and installed in position.)				
	.01 Fan: >= 420 l/s @ 150 Pa	No	1		
	.02 Circular Sound Attenuator - Set 1,5D Length of 803.01.07.01	No	1		
	.03 Fan: >= 1220 l/s @ 250 Pa	No	1		
	.04 Circular Sound Attenuator - Set 1,5D Length of 803.01.07.03	No	1		
	.05 Fan: >= 1060 l/s @ 250 Pa	No	1		
	.06 Circular Sound Attenuator - Set 1,5D Length of 803.01.07.05	No	1		
	.07 Fan: >= 1375 l/s @ 250 Pa	No	1		
	.08 Circular Sound Attenuator - Set 1,5D Length of 803.01.07.07	No	1		
5,00	<u>OPERATING AND MAINTENANCE MANUALS:</u>				
5,01	Supply and deliver operating and maintenance manuals and a complete set of drawings:				
	.01 Fresh Air Supply System x 4	Sum	1		60 000,00
	.02 Extraction System x 4	Sum	1		30 000,00
Carried Forward to Section Summary					

**SECTION 5 BILL NO 8: CONVENTIONAL FIRE-FIGHTING
EQUIPMENT & FIRE DETECTION SYSTEM RELATED
REPAIR WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1,00	<u>CONVENTIONAL FIRE FIGHTING EQUIPMENT</u>				
1,01	Supply and installation of signage for fire fighting equipment				
	.01 Photo luminescent (GLOW-IN-THE-DARK) Fire escape signage Type E1 - E24 in aluminium frame				
	.01 Size 190mm x 190mm	No	6		
	.02 Size 190mm x 390mm	No	95		
	.03 Size 190mm x 570mm	No	4		
	.02 Photo luminescent (GLOW-IN-THE-DARK) Fire fighting equipment signage type F1 - F47 in aluminium frame				
	.01 Size 190mm x 190mm	No	2		
	.02 Size 190mm x 390mm	No	41		
	.03 Size 190mm x 570mm	No	14		
	.04 Size 190mm x 760mm	No	1		
	.04 ABS Firefighting equipment signage for exterior use FB: size 190mm x 190mm				
	.01 Size 190mm x 190mm	No	4		
	.02 Size 190mm x 390mm	No	10		
	.03 Size 190mm x 570mm	No	1		
	.04 ABS Fire escape signage for exterior use E1 - E24 up to 290mm				
	.01 Size 190mm x 190mm	No	10		
	.02 Size 190mm x 390mm	No	2		
	.03 Size 190mm x 570mm	No	2		
Carried forward					

**SECTION 5 BILL NO 8: CONVENTIONAL FIRE-FIGHTING
EQUIPMENT & FIRE DETECTION SYSTEM RELATED
REPAIR WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
1,02	.05 Extruded aluminium frame manufactured for standard safety symbolic signs 20mm frame width with a 5mm lip around the edge of the frame that the sign is recessed behind. The frame must include brackets for either wall or ceiling mounting or ceiling hooks and chains for frames to be suspended.				
	.01 Size 190mm x 190mm	No	2		
	.02 Size 190mm x 390mm	No	10		
	.03 Size 190mm x 570mm	No	2		
	Supply and installation of fire hydrant equipment:				
	.01 80 mm dia brass right angle hydrant valve with screwed inlet	No	10		
	.02 80 mm dia fire hydrant complete with galvanised mild steel pipe wrapped with denzo tape and in concrete encasement including brass hydrant valve with screwed inlet	No	10		
	.03 Jet/spay branch pipes equivalent to AWG 1C.	No	10		
	.04 30m long, 64mm,Nitrile Rubber Fire Hose coils complete with quick couplings.	No	30		
	.05 Natural anodized Fire Hydrant keys with four sizes in one.	No	10		
1,02	Supply and installation of fire hose reel equipment:				
	.01 Fire hose reel with 30 m hose	No	15		
	.02 Shut-off valve	No	15		
Carried forward					

**SECTION 5 BILL NO 8: CONVENTIONAL FIRE-FIGHTING
EQUIPMENT & FIRE DETECTION SYSTEM RELATED
REPAIR WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
1,03	.03 314 Stainless Steel Lockable, metal cabinet for a Fire Hose Reel and powder coated red	No	8		
	Supply and installation of fire extinguisher equipment:				
	.01 9 kg Dry chemical powder (STP) fire extinguisher	No	4		
	.02 4.5 kg STP fire extinguisher	No	20		
1,04	.03 5 kg CO ₂ fire extinguisher	No	1		
	.04 314 Stainless Steel Lockable, metal cabinet for fire extinguisher and powder coated red	No	25		
	Servicing, cleaning and repair of fire hose reels:				
	.01 Fire hose reels with 30 m hoses	No	3		
1,03	.02 Replace 30 m hose	No	3		
	.03 Replace hose drum seal	No	3		
	.04 Replace gland packing and gasket of shut-off valve with repair kit	No	3		
	.05 Repaint equipment	item	3		
1,03	.06 Replace instructions on extinguishers	No	3		
	Servicing, cleaning, recharging and repair of fire extinguishers:				
	.01 Dry chemical power (STP) fire extinguisher:				
	.01 Replace discharge hose and nozzle	No	21		
1,03	.02 Replace gauge on bottle	No	21		
	.03 Check, service and repair activation mechanism	No	21		
Carried forward					

**SECTION 5 BILL NO 8: CONVENTIONAL FIRE-FIGHTING
EQUIPMENT & FIRE DETECTION SYSTEM RELATED
REPAIR WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
	.04 Replace DCP powder for 4.5 kg charge	No	5		
	.05 Replace DCP powder for 9 kg charge	No	14		
	.06 Recharge discharge cylinder	No	21		
	.07 Reseal discharge mechanism	No	21		
	.08 Replace instructions on extinguishers	No	21		
	.09 Replace wall-mounting polished hardwood backboard and bracket	No	7		
	.10 Repaint equipment	item	21		
	.02 Carbon dioxide (CO ₂) fire extinguisher:				
	.01 Replace discharge nozzle and pipe	No	14		
	.02 Replace gauge on bottle	No	14		
	.03 Check, service and repair activation mechanism	No	14		
	.04 Recharge with CO ₂ for 5kg charge	No	11		
	.05 Reseal discharge mechanism	No	14		
	.06 Replace instructions on extinguisher	No	14		
	.07 Replace wall mounting polished hardwood backboard and bracket	No	14		
	.08 Repaint equipment	item	14		
2,00	Fire and Evacuation Plans				
2,01	Compilation of a A3 laminated fire and evacuation plan for buildings and installed in aluminium clipper frames mounted on wall	No	14		
Carried forward					

**SECTION 5 BILL NO 8: CONVENTIONAL FIRE-FIGHTING
EQUIPMENT & FIRE DETECTION SYSTEM RELATED
REPAIR WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
2,02	Compilation of a A4 laminated fire and evacuation plan for Wards within the Hospital and install in aluminium clipper frames mounted on wall	No	16		
3,00	<u>MANDATORY PERIODICAL ANNUAL SERVICES OF FIRE FIGHTING EQUIPMENT</u>				
3,01	Provide Full service of Fire Extinguishing Equipment units according to the manufacturer's specification:				
	.01 Statutory annual servicing of STP fire extinguishers:	No	21		
	.02 Statutory annual servicing of CO2 fire extinguishers:	No	14		
	.03 Statutory annual servicing of fire hose reels:	No	3		
	.04 Fire Fighting Training of Hospital and Maintenance Staff (20 Persons per Training Session)	No	2		
4,00	<u>Supply, delivery, installation, testing and commissioning of fire detection system</u>				
	.01 Main addressable Fire Control Panel with user interface-4 Loop,English complete with 3 loop card	No	1		
	.03 Adressable Fire Panel Accessory - Network Printed Circuit Board	No	1		
	.04 Supply and install surface mounted red analogue Manual Call-Point Break Glass unit Flush mounting RED analogue Manual call point complete with EN54 marking	No	16		
	.05 Suply and install surface mounted Box with Earth Connector	No	16		
	.05 Suply and install Sounder and Strobe light	No	22		
Carried forward					

**SECTION 5 BILL NO 8: CONVENTIONAL FIRE-FIGHTING
EQUIPMENT & FIRE DETECTION SYSTEM RELATED
REPAIR WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
.06	Supply and Install Annalogue Adressiable Optical Smoke detector& surface mounted detector base. Polar White	No	140		
.07	Supply and Install Annalogue Thermal (Ionization) Sensor complete with base Polar White.	No	4		
.08	Supply and Install Multisensor(optical and heat) detector including the surface base,Colour Polar White or similar approved	No	20		
.09	Provide detailed design and layout drawings of Fire Detection System for approval based on a Category L1 as per SANS10139 for all buildings	Sum	-	-	
.09	Supply and Install fire alarm system omnidirectional sounder with strobe (indicator) light ZP755HAV-2R complete with base Polar White or similar approved	No	41		
.10	Supply and Install fire sensor base ZP7-R81 Polar White or similar approved	No	2		
.11	Replace call point glasses	No	5		
.12	GRPS (Cell Phone) Modem Link to local Fire Department.	Sum	-	-	
.13	Supply and Install 12AH, 12V sealed lead acid, deep cycle rechargeable Battery	No	3		
.14	Supply and Install Door Magnets, door closures, Wiring and Controls for Fire Doors. Installation of PA System for Evacuation	PC Sum	-	-	350 000,00
.15	Attendance and Profit	%	350000	%	
Carried forward					

**SECTION 5 BILL NO 8: CONVENTIONAL FIRE-FIGHTING
EQUIPMENT & FIRE DETECTION SYSTEM RELATED
REPAIR WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
5,00	<u>WIRE WAYS CONDUITS AND ACCESSORIES</u>				
5,01	Supply and Install conduit :				
	.01 25 mm dia. Galv. Steel painted red	m	5000		
	.02 25 mm dia.PVC painted red	m	1000		
	.02 25 mm dia.PVC flexible conduit (sprague)	m	100		
5,02	Supply and install outlet (draw) boxes :				
	.01 100 x 50 Galv. Steel with cover	No	5		
	.02 100 x 100 Galv.Steel with cover	No	5		
	.05 Circular 20 mm Galvanized with cover	No	10		
	.05 Circular 20 mm PVC with cover	No	10		
6,00	<u>WIRING & CABLING</u>				
6,01	Supply and Install wiring/cabling :				
	.01 Fire retardant cable 2X1.5mm ² with shield PH120 - 100/100V	m	6000		
7,00	<u>OPERATING AND MAINTENANCE MANUALS:</u>				
7,01	Supply and deliver operating and maintenance manual to submit a complete set of operating and maintenance manuals:				
	.01 Fire Detection System (O&M Manual, Wiring Diagrams & As-Built Drawings)	Sum			20 000,00
	.02 Block plans (A3) Laminated and installed in Aluminium Clipper Frames	No	16		
	.03 Log Book Holder	No	1		
8,00	<u>COMMISSIONING</u>				
8,01	Commissioning and testing of the installation				
	.01 Fire Detection System	Sum			30 000,00
Carried forward					

**SECTION 5 BILL NO 8: CONVENTIONAL FIRE-FIGHTING
EQUIPMENT & FIRE DETECTION SYSTEM RELATED
REPAIR WORK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Brought forward					
9,00	<u>FIRE WATER INSTALLATION</u>				
	.01 Supply and Install Fire Water Installation consisting out of 144m ³ fire tank, fire booster pump, boster connection point, fire hydrants etc	PC Sum			980 000,00
	.02 Attendance and Profit	%	980 000,00	%	
	.03 Supply, deliver galvanised mild steel pipe for fire water feeding FHRs: 25mm diameter. Complete with all necessary fittings, jointing, cutting, threading and connection to outside of the building	m	20		
	.04 Install, test and commission galvanised mild steel pipe for fire water feeding FHRs: 25mm diameter in the ceiling, including pressure testing and flushing.	m	20		
	.05 Supply, deliver galvanised mild steel pipe for fire water feeding FHRs: 50mm diameter. Complete with all necessary fittings, jointing, cutting, threading and connection to outside of the building	m	150		
	.06 Install, test and commission galvanised mild steel pipe for fire water feeding FHRs: 50mm diameter in the ceiling, including pressure testing and flushing.	m	150		
	.07 Supply, deliver and install fire-rated pipe supports and hangers in ceiling, including threaded rods, brackets, beam clamps, anchors, channel supports, expansion anchors, and all necessary fixings to support pipework installed in the ceiling, complete with corrosion protection	No	8		
	.08 Supply deliver, install extra on piping for screwed pipe fittings, bush, reducing bush, elbow, bend, Tee, Reducing T etc. for the following galvanised pipe sizes				
	.01 25 mm dia.	No	20		
	.02 50 mm dia.	No	20		
Carried Forward to Section Summary					

SECTION SUMMARY

BILL NO 1	BILL NO 1: PLUMBING, DRAINAGE AND WET SERVICES RELATED REPAIR WORK	R
BILL NO 2	BILL NO 2: MORTUARY EQUIPMENT RELATED REPAIR WORK	R
BILL NO 3	BILL NO 3: AUTO CLAVES RELATED REPAIR WORK	R
BILL NO 4	BILL NO 4: VACUUM OXYGEN AND LP AIR EQUIPMENT RELATED REPAIR WORK	R
BILL NO 5	BILL NO 5: HOT WATER SUPPLY AND STORAGE HEATERS RELATED REPAIR WORK	R
BILL NO 6	BILL NO 6: COLD & FREEZER ROOM RELATED REPAIR WORK	R
BILL NO 7	BILL NO 7: HEATING, VENTILATION AND AIR-CONDITIONING SYSTEMS RELATED REPAIR WORK	R
BILL NO 8	BILL NO 8: CONVENTIONAL FIRE-FIGHTING EQUIPMENT & FIRE DETECTION SYSTEM RELATED REPAIR WORK	R
Carried Forward to Final Summary		R

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

Item No		Quantity	Rate	Amount
	<u>SECTION 5</u> <u>BILL NO. 1</u> <u>PROVISIONAL SUMS</u> <u>PREAMBLES</u>For preambles see "<u>Standard Model Specifications for Building Works PW371/Oct 93</u>"			
	1. All provisional sums cover the supply of material and equipment and of installation where applicable by firms of specialists. Provisional sums are not and do not include for builder's discount, but the tenderer may allow under the item for "Profit" . The tenderer is referred to item B7.1 and B7.2 in Section 1 ("Preliminaries") for the definitions and adjustment of "Attendance". 2. Under no circumstances may any Prime Cost or Provisional Sum, etc be extended at an amount lower than the amount given in this Bill Provisional Sums may be omitted or reduced at the Employer's sole discretion and the contractor shall not be entitled to claim for any loss by way of reductions or omissions of any discount, or percentage relating to Provisional Sums or P.C. Amounts or any loss of profit related thereto. 3. The following provisional sums for work to be executed by selected sub-contractors.			
	<u>SELECTED SUB-CONTRACTORS</u> <u>LANDSCAPING</u>			
1	Provide the sum of R 2 000 000.00 (Two Million Rands Only) for landscaping	Item		2 000 000,00
2	Profit	%		
	Carried Forward		R	
	Section No. 1 Bill No. 1 BILL PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14			

KOSTER HOSPITAL HOSPITAL UPGRADES - PHASE 1
KGETLENGRIVIER LOCAL MUNICIPALITY IN THE
NORTH WEST PROVINCE

			R	
3	Attendance	%		
	<u>ELECTRICAL CONNECTION</u>			
4	Provide an amount of R 350,000.00 (Three Hundred and Fifty Thousand Rands Only) for Electrical connection to the Municipal/Eskom grid	Item		350 000,00
5	Profit	%		
6	Attendance	%		
	<u>COMMUNITY LIAISON OFFICER (CLO)</u>			
7	Provide an amount of R 176,000.00 (One Hundred and Seventy-Six Thousand Rands Only) for the Community Liaison Officer (CLO) wages.	Item		176 000,00
8	Profit	%		
9	Attendance	%		
	<u>PROJECT STEERING COMMITTEE (PSC)</u>			
10	Provide an amount of R 132,000.00 (One Hundred and Thirty-Two Thousand Rands Only) for the PSC seating allowances.	Item		132 000,00
11	Profit	%		
12	Attendance	%		
Carried to Final Summary				
				R
Section No. 1 Bill No. 1 BILL PROVISIONAL BILLS OF QUANTITIES BID NO: DOH08NWER003/CON14				

FINAL SUMMARY

Sec	Description	Carried From	Amount
1	Preliminaries	202	R
2	Builders Work	310	R
3	External Works	433	R
4	Electrical & ICT Installations	439	R
5	Mechanical Installations	476	R
6	Provisional Sums	478	R
	Sub-Total 1		R
	Add: Contingency Amount Allow for 10% for contingency provision to be used as directed by the Client or be deducted in whole.		
	Sub-Total 2		R
	Add: Contract Price Adjustment Provision (CPAP) Allow for Allow an amount of R 10 643 212,66 for Contract Price Adjustment Provisions (CPAP/Escalation)		R 10 643 212,66
	Sub-Total 3		R
	Contract Skills Developent Goal (CSDG) Minimum Contract Skills Development Goal (CSDG) sum = General Building (0,50%) x Sub Total (3) of the tender amount	0,50%	R
	Sub-Total 4		R
	Add: Value Added Tax (15%)		R
	TOTAL CARRIED FORWARD TO FORM OF OFFER		R

C3 SCOPE OF WORKS

C3.1 Scope of Work

1) DESCRIPTION OF THE WORKS

1.1 Employer's objectives

The scope of works is Additions, Renovations and Upgrades to Koster Hospital.

The employer may include the following statement in the tender documents should the employer wish to have specific training carried out as an objective of the project: One of the objectives of the project is to training ether of the following: (occupational qualifications, trade qualification, work integrated learners – P1 and P2 learners, professional candidates)

The objective of the project is to provide for a minimum contract participation goal (CPG) of 5% of the total project value and to develop targeted enterprise by the main or lead partner contractors.

The Contractor shall:

- Subcontract a minimum of 5% of the total project value to targeted enterprises;
- Perform needs analysis on the targeted enterprise to identify developmental goals;
- Provide internal mentorship support to improve the targeted enterprise/s performance;
- Develop a project specific enterprise development plan to improve the targeted enterprise/s performance in the identified developmental areas to the CIDB Competence Standard for Contractors Gazette No. 41237, 10 November 2017
- Monitor and report the progress of the agreed development areas with the targeted enterprise/s
- Submit a project completion report to the Employer's representative for each targeted enterprise.

The Contractor shall provide opportunities to learners requiring structured workplace learning using one or a combination of any of the Skills Methods as agreed: accommodate Part/Full Occupational qualification (Method 1), Trade qualifications learners (Method 2), train Work Integrated Learners – P1 and P2 Learners (Method 3) and/or Professional Candidates (Method 4) as indicated in the cidb Standard and as agreed to by the Employer on this project (Employer to stipulate)

The Contractor may only place 33% employees employed by him/her or that of his/her subcontractor contributing to the CSDG.

The Contractor shall achieve the measurable CSDG by providing opportunities to learners requiring structured workplace learning using one or a combination of any of the Skills Methods as agreed: accommodate Part/Full Occupational qualification (Method 1), Trade qualifications learners (Method 2), Work Integrated Learners (Method 3) and/or Candidates (Method 4) as per the cidb Standard in relation to work directly related to the Contract as indicated under clause 4.2 and 4.3 in the cidb Standard. (Employer to stipulate).

The Contractor shall ensure that all beneficiaries of the Standard are registered with CIDB Skills Development Agency (SDA).

The Contractor shall be responsible for developing subcontractors in accordance with

the CIDB Standard for Indirect Targeting for Enterprise Development.

The Contractor shall be responsible for the appointment of the Enterprise Development Coordinator.

1.2 Overview of the works

The Contractor shall execute all works described herein for the renovation, alteration, and addition to the existing hospital facility, including all associated civil, structural, architectural, electrical, and mechanical works necessary to complete the project in accordance with the tender documents, drawings, and specifications.

Description of the Works

The works comprise the following major components:

1.2.1. Renovations and Alterations to Main Building

- **Roof Replacement:** Complete removal and replacement of the existing roof with a new roof system, including all associated flashings, gutters, and waterproofing.
- **Ridge Skylights:** Installation of ridge skylights along corridor areas to increase natural daylight ingress and improve the indoor environment quality.
- **Structural Reinforcement:** Structural review and reinforcement as necessary to support the new roofing and skylight systems, including all engineer-approved modifications.
- **Interior Refurbishments:** Interior refurbishments as required to accommodate upgrades in utilities, lighting, and finishes, including making good of all affected surfaces.

1.2.2. New Construction and Additions

- **Paediatric Ward Addition:** Construction of a new dedicated paediatric ward including isolation rooms and a play area, complete with all finishes, fixtures, and fittings.
- **Body Holding Facility (Mortuary):** Construction of a new mortuary facility to handle deceased patients safely and sensitively, including refrigeration units, preparation areas, and all associated services.
- **New Main Entrance Structure:** Construction of a new main entrance structure to improve access and flow, with modern aesthetics, comprising:
 - Ablution facilities.
 - Admissions area with dedicated service counters.
 - Outdoor waiting area designed for comfort and shade.
 - Guardhouse for enhanced security presence and traffic control.

1.2.3. Infrastructure Upgrades

- **Parking Area:** Design and development of a new on-site parking facility capable of accommodating staff, patients, and visitors, with appropriate lighting, drainage, and surfaced areas.
- **Perimeter Fence:** Installation of new secure perimeter fencing around the hospital grounds to improve security and boundary definition.

1.2.4. Temporary Facilities

- **Temporary Outpatient Department (OPD):** Installation of temporary parkhome units serving as an interim OPD during construction phases. These units shall be equipped to handle outpatient consultations and basic diagnostics, including all necessary services and connections.

1.2.5. Demolitions

- Existing body holding.
- Existing guard house.
- Existing fence.
- Existing incinerator.
- Existing walkways.
- Existing driveways.

1.2.6. Inclusions

The following items are included in the scope of works:

- All mechanical, electrical, and plumbing (MEP) systems upgrades integrated with architectural changes and building works.
- Installation of fire equipment to all existing buildings.
- Landscaping associated with new construction and parking areas.
- All temporary works, site establishment, and protection of existing facilities during construction.

1.3 Labour-intensive works

Labour-intensive works shall be constructed/maintained using local workers who are temporarily employed in terms of the scope of work

1.4 Extent of the works

The extent of the works shall comply with the Employer's requirements as outlined on the drawings listed on 2.4 below

1.5 Location of the works

Works will be executed in an approved stand/erf/portion as described in the title deed and delimited in the surveyor general diagram CN LEKALAKE MIDDLE SCHOOL:

The project is located at Unit 5, Mmabatho in Mahikeng Local Municipality, North West Province. Site Coordinates: latitude -25.831335 longitude 27.605136.

1.6 Temporary works

The Contractor shall provide, erect, maintain and remove on completion of the works, a temporary office to be used by Principal Agent when they are onsite and project meetings which should include ablution, parking, eating area, etc. as may be deemed necessary for project use. The location of the Contractor's facilities shall be pre approved by the Principal Agent before site establishment. In his office there must be kept a copy of all working drawings suitably mounted, a copy of the contract documents in a good and orderly condition, the site instruction and site diary books and any specification referred to in the contract documents.

2) ENGINEERING

2.1 Design services

The design responsibility shall be allocate as follows:

Works designed by Consultants/Employer

Temporary works Contractor

Preparation of as-built drawings Contractor

2.2 Employer's design

The Employer will be responsible for the design of the permanent works unless otherwise stated. The Contractor is responsible for the design of the temporary works and their compatibility with the permanent works.

2.3 Design brief

The Employer and the Employer's design agent will be responsible for the design of the permanent works unless otherwise stated. The Contractor will be required to submit as-built drawings.

- Construction breaks and the extent of individual concrete pours
- Routing of and junctions in all services
- Salient features for the operation and maintenance of services

and to be submitted to the following employer's required format and manner:

- A paper copy complete with approval signatures of the agent/agents bound into the operating instruction manuals
- Tiff format scanned versions of the approved paper copy
- Electronic version of approved drawings on CD in either Caddie.drw or Autocad.dwg formats

2.4 Drawings

The following drawings are applicable to the contract:

Drawing number	Title
-------------------	-------

Architectural

Civil

Structural
Electrical

Mechanical

3) PROCUREMENT

3.1 Subcontracting

3.1.1 Scope of mandatory subcontract work

As per the mandatory sub-contracting clause, the Contractor must not sub-contract more than 30%, 10% of which should be allocated to the IDT CDP contractors between 1GB and 4GB (list per cluster will be provided upon appointment).

The Contractor shall without delay enter into contracts with the Domestic Subcontractors as submitted on the returnable schedule and forward a copy of these agreements to the Principal Agent. The Contractor shall remain responsible for providing the subcontracted portion of the works as if the work had not been subcontracted.

The Contractor to take note of item 3.2.2 below

3.1.2 Preferred subcontractors / suppliers

3.1.3 Subcontracting procedures

See items 3.2.1 and 3.2.2 as well as BID data

3.1.4 Attendance on subcontractors

Attendance to Domestic Sub-contractors as stated above should be priced under the relevant items in the Preliminaries section of the bills of quantities. Attendance to nominated sub-contractors should be priced under the relevant items in the Provisional Sums section of the bills of quantities.

3.2 CIDB B.U.I.L.D. Programme

The contractor must comply with the Department of Public Works and Infrastructure General Notice 1779 of 2023 as per Construction Industry Development Board (CIDB) for achieving the standards for delivery skills for infrastructure contracts 31 March 2023.

4) CONSTRUCTION

4.1 Works specification

The works specifications that are applicable to the works are attached to the bid document as well as other recognized specifications obtainable on request from the Employer:

- Applicable SANS 2001 standards
- Applicable national and international standards
- Particular / generic specifications

5) MANAGEMENT

5.1 Management of the works

5.1.1 Planning and programming

The Contractor shall submit within the period stated in the Contract Data a suitable and realistic construction programme for the consideration of the Principal Agent.

5.1.2 Recording of weather

The Contractor shall erect an effective rainfall gauge on the site and record the daily rainfall figures in a book. Such book shall be handed to the employer's representative for his signature no later than 12 days after rain that is considered to justify an extension of time occurs.

5.1.3 Unauthorized persons

The Contractor shall keep unauthorized persons from the works at all times. Under no circumstances may any person except guards be allowed to sleep on the building site.

5.1.4 Key personnel

The Contractor shall submit an organogram indicating all key personnel involved in this contract as well as their telephone or cell phone numbers. This information should be available within 2 (two) weeks after the award of the contract.

5.1.5 Management meetings

The Employer's Representative and the Contractor shall hold meetings relating to the progress of the works at regular intervals and at other such times as may be necessary. The Contractor shall attend all site meetings and shall ensure that all persons under his jurisdiction are notified timeously of all site meetings should the Employer's Representative require their attendance at such meetings.

The Contractor shall keep on site a set of minutes of all site meetings, daily records of resources (people and equipment employed), a site instruction book, a complete set of contract working drawings and a copy of the procurement document and make these available at all reasonable times to all persons concerned with the contract.

5.1.6 Forms for contract administration

All contract administration forms must be in the manner prescribed by the JBCC as well as the scope of work

The Contractor shall be required to submit an updated contractor monthly report during site meetings, which will be used by the consultant to update the client.

5.1.7 Payment certificates

The Contractor to ensure that the VAT invoice required with each certificate is delivered timeously. The date of the certificate will be that of the date when the certificate is received by the consultant.

The Contractor to ensure timeous submission of all required documentation for the expedient processing of payment certificates, as required by the client, eg BAS entity forms, company registration details, VAT clearance certificates, etc. The Contractor is responsible for such documentation submission.

5.1.8 Daily records

The Contractor shall provide an A4 triplicate book to be used as a Daily Diary book for the duration of the contract. The Principal Agent shall retain the original sheet and the Contractor shall retain the first copy of each sheet. The second copy of each completed sheet shall be left in the Daily Diary Book. The diary shall be completed on a daily basis.

In addition to this the Contractor shall provide an A4 size triplicate book to act as a Site Instruction book. The Principal Agent shall retain the original and the Contractor shall retain the first copy of each sheet. The second copy of each completed sheet shall be left in the Site instruction book. Only the Principal Agent and/or delegated representative will have the authority to issue Site Instruction to the Contractor.

5.2 Contract Skills Development Goal (CSDG)

The successful contractor must keep site records regarding the part/full occupational qualification learners', trade qualification learners', work integrated learners' or candidates' (delete that which is not applicable) progress, site attendance, hours worked and other relevant information as required by the Standard.

The successful contractor shall provide the required number of appropriately qualified mentors to the maximum number of part/full occupational qualification learners, trade qualification learners, work integrated learners in the proportion as specified in the Standard.

The successful contractor shall provide a supervisor to manage the training of the part/full occupational qualification learners, trade qualification learners, work integrated learners, candidates (delete that which is not applicable).

The successful contractor shall submit to the employer's representative a baseline training plan in the specified format (Pro-forma A2) for the part/full occupational qualification learners, trade qualification learners, work integrated learners, candidates (delete that which is not applicable) within 30 days of start of the contract.

The successful contractor shall submit to the employer's representative project interim report in the specified format (Pro-forma A3) on the progress of each of part/full occupational qualification learner, trade qualification learner, work integrated learner, candidate (delete that which is not applicable) every three months.

The successful contractor shall submit to the employer's representative the names and particulars in the specified format (Pro-forma A4) of the supervisor, mentors for the part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable) within 30 days of start of the contract.

The successful contractor shall keep a daily record of all the part/full occupational qualification learners, trade qualification learners, work integrated learners, candidates on site and their daily activities and shall be made available to the employer's representative on request.

The successful contractor shall submit to the employer's representative the reports on the progress and status of the part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable) with the monthly invoice for the payment certificate.

The successful contractor shall have health and safety inductions for all part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable).

The successful contractor shall conduct entry and exit medical tests of all part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable).

The successful contractor shall provide personal protective equipment (PPE) to all part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable) at the start of their employment on site.

Annexes

List by title

- A1. List of cidb accredited SDAs
- A2. Baseline training plan
- A3. Project interim report
- A4. Supervisor and / or mentor details
- A5. Project completion report.

5.3 Annexures

ANNEXURE A

ARCHITECTURAL DRAWINGS

ANNEXURE B

CIVIL AND STRUCTURAL DRAWINGS

ANNEXURE C

ELECTRICAL AND MECHANICAL DRAWINGS

C4 SITE INFORMATION

C4.1 Site Information

2) DESCRIPTION OF THE WORKS

1.1 THE SITE

The site is located at the existing Koster Hospital in the Kgetlengrivier Local Municipality within the Bojanala District of the North West Province in the Republic of South Africa.

The site address is as follows:

1 Noord St
Koster
0348
North West Province
South Africa

Coordinates: -25.85618° S, 26.89439° E



1.2 WORK AREA

The working area is the area within the boundaries

1.3 ACCESS

The contractor to arrange temporary access to the site.

1.4 GENERAL - Restrictions on site

Whilst there are no known restriction on site, the Contractor is to seek confirmation from the Principal Agent before any site establishment.

ADDENDUM A

Occupational Health and Safety Regulations

GOVERNMENT NOTICE

DEPARTMENT OF LABOUR

No. R.

7 February 2014

OCCUPATIONAL HEALTH AND SAFETY ACT, 1993

CONSTRUCTION REGULATIONS, 2014

The Minister of Labour has under section 43 of the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993), after consultation with the Advisory Council for Occupational Health and Safety, made the regulations in the Schedule.

ADDENDUM A

OCCUPATIONAL HEALTH AND SAFETY ACT, 1993
Regulation 3 of the Construction Regulations, 2014

NOTIFICATION OF CONSTRUCTION WORK

1.(a) Name and postal address of principal contractor:

(b) Name and tel. no of principal contractor's contact person:

2. Principal contractor's compensation registration number: _____

3.(a) Name and postal address of client:

(b) Name and tel no of client's contact person or agent:

4.(a) Name and postal address of designer(s) for the project:

(b) Name and tel. no of designer(s) contact person:

5. Name and telephone number of principal contractor's construction supervisor on site appointed in terms of regulation 6.(1). _____

6. Name/s of principal contractor's sub-ordinate supervisors on site appointed in terms of regulation 6.(2).

7. Exact physical address of the construction site or site office:

8. Nature of the construction work:

9. Expected commencement date: _____

10. Expected completion date: _____

11. Estimated maximum number of persons on the construction site.

12. Planned number of contractors on the construction site accountable to principal contractor:

13. Name(s) of contractors already chosen.

Principal Contractor

Date

Client

Date

- THIS DOCUMENT IS TO BE FORWARDED TO THE OFFICE OF THE DEPARTMENT OF LABOUR **PRIOR TO COMMENCEMENT** OF WORK ON SITE.
- **ALL PRINCIPAL CONTRACTORS** THAT QUALIFY TO NOTIFY MUST DO SO EVEN IF ANOTHER PRINCIPAL CONTRACTOR ON THE SAME SITE HAD DONE SO PRIOR TO THE COMMENCEMENT OF WORK.

ADDENDUM B

Occupational Health and Safety Specification

**THE ADDITIONS AND RENOVATIONS TO CN LEKALAKE SECONDARY SCHOOL
FOR THE DEPARTMENT OF HEALTH, NORTH WEST PROVINCE**

INDEPENDENT DEVELOPMENT TRUST

(Hereinafter referred to as the Employer)

OCCUPATIONAL HEALTH AND SAFETY SPECIFICATION

This specification shall be used in conjunction with all other applicable safety specifications, legislation and regulations in force at the time of the contract. Where unique site specifications are in force, those site specifications shall take precedence over this Specification.

The Independent Development Trust (IDT)
Glenwood Office Park
Cnr. Oberon and Sprite Street
Faerie Glen
Pretoria
0182

ADDENDUM “A”

PRO-FORMA AGREEMENT IN TERMS OF OCCUPATIONAL HEALTH AND SAFETY ACT 1993

PRO-FORMA AGREEMENT IN TERMS OF

OCCUPATIONAL HEALTH AND SAFETY ACT 1993 – SECTION 37 (2)

NEW CONSTRUCTION SAFETY REGULATIONS

The above-mentioned regulations were promulgated in the Govt. Gazette on Friday, 18 July 2014 under the Occupational Health & Safety Act (85 of 1993) and are now in force.

The Employer and the Contractor hereby agree, in terms of the provisions of Section 37(2) of the Occupational Health and Safety Act 1993 (Act 85 of 1993, hereinafter referred to as the Act), that the following arrangements and procedures shall apply between them to ensure compliance by the Contractor with the provisions of the Act, namely:

- (a) The Contractor undertakes to acquaint the appropriate officials and employees of the Contractor with all the relevant provisions of the Act and the regulations promulgated in terms of the Act, and the Employer's Health and Safety Specifications included in the contract documents.
- (b) The Contractor undertakes that all relevant duties, obligations and prohibitions imposed in terms of the Act and Regulations and the Employer's Health and Safety Specifications included in the contract documents will be complied with in all respects.
- (c) In relation to any work or activity performed by the Contractor, his workmen or any other person for whose acts or omissions the Contractor is responsible in terms of the Contract, the Contractor hereby accepts sole liability for such due compliance with the relevant duties, obligations and prohibitions imposed by the Act and Regulations and expressly absolves the Employer from itself being obliged to comply with any of the aforesaid duties, obligations and prohibitions.
- (d) The Contractor agrees that any duly authorised officials of the Employer shall be entitled, although not obliged, to take such steps as may be necessary to ensure

that the Contractor has complied with his undertakings as set out more fully in paragraphs (a) and (b) above, which steps may include, but will not be limited to, the right to inspect any appropriate site or premises occupied by the Contractor, or to inspect any appropriate records held by the Contractor.

(e) The Contractor shall be obliged to report forthwith in writing to the Representative/Agent full details of any investigation, complaint or criminal charge which may arise as a consequence of the provisions of the Act and Regulations, pursuant to work performed in terms of this Contract.

(f) Forward "safety meeting" minutes to the representative/Agent.

For the Employer: _____ Date: _____

Witnesses: 1) : _____ 2) _____

For the Contractor: _____ Date: _____

Witnesses: 1) : _____ 2) _____

ADDENDUM “B”

NOTIFICATION OF CONSTRUCTION WORK

NOTIFICATION OF CONSTRUCTION WORK
(Regulation 3 of the Construction Regulations, 2014)

1. CONTRACTOR

1.1 Name and postal address of Contractor:

1.2 Name and telephone number of Contractor's contact person :

1.3 Contractor's compensation registration number :

1.4 Name and telephone number of Contractor's Construction Supervisor :

1.5 Physical address of the construction site or site office:

1.5 Estimated number of persons on the construction site:

1.6 Estimated number of Subcontractors on the construction site accountable to the Contractor:

2. EMPLOYER

2.1 Name and postal address of Employer :

2.2 Name and telephone number of Employer's Principal Agent:

3. DESIGN CONSULTANTS

3.1 Name and postal address of OHS consultants:

3.1.1 Occupational Health and Safety

To be advised

3.1.2 Other (if any):

3.2 Name and telephone number of design consultant's contact person:

3.2.1 Construction project managers/ Principal Agent:

3.2.2 Architects:

3.2.3 Structural engineer :

3.2.4 Electrical engineer:

3.2.5 Mechanical engineer:

3.2.6 Civil engineer:

3.2.7 Other (if any):

4. THE WORKS

Nature of the works:

Commencement date:

Completion date:

Contractor: _____ Date: _____

Employer: _____ Date: _____

THIS DOCUMENT IS TO BE FORWARDED TO THE OFFICE OF THE DEPARTMENT OF LABOUR **PRIOR TO COMMENCEMENT** OF WORK ON SITE.

ALL CONTRACTORS THAT QUALIFY TO NOTIFY MUST DO SO EVEN IF ANOTHER CONTRACTOR ON THE SITE HAD DONE SO PRIOR TO THE COMMENCEMENT OF WORK.

ADDENDUM C

Environmental Management Plan

TO BE PROVIDED BY THE SUCCESSFUL BIDDER

ADDENDUM I

Drawings

ADDENDUM J

IDT Addendum to the JBCC



ADDENDUM

To the

THE JBCC PRINCIPAL BUILDING AGREEMENT

NAME OF PROJECT: _____

INTRODUCTION

WHEREAS, the Independent Development Trust (“IDT”) made an Offer of Appointment and the Contractor has accepted such appointment subject to the conditions stipulated in the aforesaid Offer of Appointment Letter, which conditions include signing of the JBCC Agreement, Edition (hereinafter referred to as “Main Agreement”).

AND WHEREAS, this addendum shall form part of the Main Agreement between the Employer and the Contractor.

1. ADDENDUM TO THE MAIN AGREEMENT

1.1 This Agreement will constitute an Addendum to the Main Agreement as contemplated herein;

1.2 The Terms of Reference, Accepted Proposal or BID, Standard Conditions of BID, Special Conditions of BID and adjusted Priced Bills of Quantities shall form part of the agreement between the Contractor and the Employer;

1.3 This Addendum will be deemed to incorporate, with or without variation, all the provisions of the Main Agreement, unless the context clearly requires otherwise;

1.4 All words and phrases used in this Addendum which are defined in the Main Agreement, will bear the same meaning assigned to them in the Main Agreement; and

1.5 All references in the Main Agreement to “the/this Agreement” itself, will be deemed to be references also to the Main Agreement duly amended by this Addendum.

1.6 Interpretations and Definition

1.6.01 **Financial Implications** shall mean the variation amount over and above the awarded contract sum.

2. SPECIAL CONDITION

If there is any conflict between the contents or any part of this Addendum and the contents or any part of the Main Agreement and other annexures, the content of this Addendum shall prevail.

3. WAIVER OF CONTRACTOR'S LIEN

- 3.1 The Contractor hereby waives, in favour of the Employer, any lien or right of retention that is or may be held in respect of the Works to be executed on the Site.
- 3.2 The Employer, as an Organ of State, shall not be required to provide payment guarantees.

4. ASSIGNMENT OF RIGHTS OR OBLIGATIONS

- 4.1 Neither **party** shall assign or cede rights or obligations without the written consent of the other **party**, which consent shall not be unreasonable withheld.
- 4.2 Where the Contractor intend to cedes any right to monies due or to become due under this agreement as security in favour of a financial institution, a written consent in accordance with clause 4.1 above, shall be obtained from the Employer prior to entering into such cession.
- 4.3 Any cession entered into without the necessary written consent from the either party, shall be null and void.
- 4.4 The Employer shall not consent to a cession of monies due or to become due under this agreement as security in favour of a financial institution, unless such financial institution submitted to the IDT a Valid Tax Clearance Certificate, is registered as a credit provider in terms of the National Credit Act and as a vendor in the IDT's Vendor Management System.

5 INTERIM PAYMENT

- 5.1 The **Employer** shall, in accordance with clause 8.2.3 of the treasury regulation of March 2005, pay to the **Contractor** the amount certified in an interim **payment certificate** within **thirty (30) calendar days** of the date of submission of the **payment certificate**".
- 5.2 Default interest, where applicable, shall only be effective after the 30 calendar days of the date of receipt of the interim **payment certificate from the Principal Agent**.
- 5.3 The Employer shall be entitled to apply a set-off against a legitimate and liquid claim against the Contractor from which a valid invoice has been received.

6 TAX COMPLIANCE MEASURES

- 6.1 The Contractor hereby grant confirmation that SARS may, on on-going basis during the contract term, disclose the Contractor's tax compliance status to the employer.
- 6.2 Should the Contractor appoint a sub-contractor to execute a portion of a work in excess of the threshold (currently 25%) prescribed by the National Treasury, the Contractor must ensure that a sub-contractor is tax compliant and remains tax compliant for the full duration of the contract. The contractor shall obtain a written consent from its sub-contractors confirming that SARS may on on-going basis during the contract term, disclose the sub-contractor's tax compliance status to the employer.
- 6.3 The Contractor shall submit a valid tax clearance certificate within 10 working days from the date of expiry of the tax clearance certificate. The Employer reserve the right to demand a valid Tax Clearance Certificate prior to making any payment to the Contractor, should it become aware that the tax clearance corticated has expired.
- 6.4 Unless the Employer receive a written confirmation that the Contractor has challenged its tax compliance status with SARS, the Employer shall not process

any payment to the Contractor, if 30 days has lapsed since the written notice by the Employer and the Contractor has failed to remedy its tax compliance status.

- 6.5 Employer's non-payment of the Contractor's invoice in accordance with clause 6.4 above shall not absolve the contractor from performing its obligation in terms of the contract.
- 6.6 Unless the Employer receives a written confirmation that the Contractor or sub-Contractor has challenged its tax compliance status with SARS, the Employer shall be entitled to cancel the contract with the Contractor or instruct the Contractor to cancel its contract with the Sub-Contractor.
- 6.7 Where a Contractor is a JV, each party to a JV must be tax compliant and remains tax compliant for the full duration of the contract, failing which, the Employer shall invoke paragraph 6.4 or 6.6 above.

7. APPROVAL OF VARIATION ORDERS

- 7.1 Upon receipt of the Variation Order (VO), the Principal Agent must professionally consider the merits of the Variation Order and make a recommendation to the Employer.
- 7.2 The Principal Agent shall not have the power to approve any deviation or variation which has financial implications on the Employer without the necessary written approval of the Employer, except under emergency circumstances wherein failure to undertake the work may result in loss of life.
- 7.3 The Employer must communicate the approval of a Variation Order in writing to the Principal Agent and the Principal Agent shall, upon receipt of confirmation of the approval of the VO, issue the necessary Contract Instruction to the contractor to undertake the works.
- 7.4 The Contractor shall not commence with any Variation Order Works without the written approval of the Variation Order from the Employer, except under circumstances mentioned in paragraph 7.2 above.

- 7.5 Should the Contractor undertakes the Variation Order Works without the necessary written approval of the Variation Order from the Employer, the Contractor shall be entirely liable for any financial and any related implications and hereby indemnify and hold harmless the Employer from and against any and all claims, actions, damages, liabilities, injuries, costs, fees, expenses, or losses, including and without limitation, reasonable attorney's fees and costs of investigation and litigation, whatsoever which may be incurred by, or for which liability may be asserted against, the Employer arising out of the Contractor's performance or non-performance of unauthorized works, but only to the extent caused by the negligent acts, errors or omissions of the Contractor.
- 7.6 The Contractor shall not accept any instructions from any party, including beneficiary Department, other than the Principal Agent.

8. JOINT VENTURE AGREEMENT

- 8.1 Should the Joint Venture Agreement be dissolved or any of the JV partner pull out the JV Agreement for any reasons whatsoever, the Employer hereby reserve its right to terminate the contract with immediate effect.
- 8.2 Should the Employer decide not to terminate the contract upon the dissolution of the JV Agreement and the replacement JV partner does not meet the BBBEE threshold stipulated in the BID document, the IDT shall be entitled to cancel the contract with immediate effect.
- 8.3 Should the BBBEE status of the Joint Venture be changed to a lower rate than the BIDDing rate, based on legislation applicable at the closing date of the
- 8.4 BID, the IDT shall be entitled to cancel the contract.

9. BREACH

9.1 In the event that the contractor: -

9.1.1 commits an act of insolvency; or

9.1.2 is placed under a provisional or final winding-up or judicial management order; or

9.1.3 is placed under or applied for business rescue; or

9.1.4 makes an assignment of more than 25% of either its right and/or its obligation for the benefit of the third party without the written consent of the employer; or

9.1.5 the Contractor is registered or fails to renew his registration with the CIDB or changes directorship during the course of the project, resulting in the contravention of BBBEE statutory requirement; or

9.1.6 fails to satisfy or take steps to have set aside any judgment taken against it within 14 (Fourteen) business days after such judgment has come to its notice,

then the other Employer will be entitled to terminate the Agreement on written notice.

Signed at on this the day of**202.....**

AS WITNESSES:

A. _____

For and on behalf of the **Employer:**
(.....), in his/her
capacity as the -----

B. _____

For and on behalf of the **Employer:**
(.....), in his/her
capacity as the -----
-----.

Signed at on this the day of **202...**

AS WITNESSES:

C. _____

D. _____

For and on behalf of the **Contractor:**
.....
in his/her capacity as
.....,
who hereby confirm that he/she is
duly authorized.