INDEPENDENT DEVELOPMENT TRUST

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

APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NEW MATLOSANA COMMUNITY LIBRARY FOR THE DEPARTMENT OF ARTS, CULTURE, SPORT AND RECREATION, NORTH WEST PROVINCE

BID NO: DAC01NWER001/CON14

CLOSING DATE AND TIME: *27 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: . . . . . .

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THE WORKS

Part C3: Scope of Work

The scope of work entails additions, Renovations and Upgrading of the Existing boarding facilities,

Which will include the following:

- The scope of works comprises of the construction of Two (2) new buildings :
    - (1) Library
    - (2) Guard House
- The scope of work also comprises of external works
    - (1) demolitions of existing Ablutions,
    - (2) Upgrade and new water supply, soil drainage and stormwater management,
    - (3) New paving to parking,
    - (4) New walkways,
    - (5) Security Fencing (ClearVu)
    - (6) Covered Carports,
    - (7) Landscaping and Flag Poles
- The scope of work also comprises of Electrical and Mechanical installations.

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T1.1 BID NOTICE AND INVITATION TO BID

INDEPENDENT DEVELOLPMENT TRUST

T1.1 Bid Notice and Invitation to Bid

APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NEW MATLOSANA COMMUNITY LIBRARY FOR THE DEPARTMENT OF ARTS, CULTURE, SPORT AND RECREATION, NORTH WEST PROVINCE

BID NUMBER: DAC01NWER001/CON14

CLOSING DATE AND TIME: *27 October 2026 @ 12H00*

The Independent Development Trust, invites bidders for the **APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NEW MATLOSANA COMMUNITY LIBRARY FOR THE DEPARTMENT OF ARTS, CULTURE, SPORT AND RECREATION, NORTH WEST PROVINCE**

Only tenders who have a CIDB contractor grading of **Grade 7GB (General Building) or higher; and comply with the tender conditions will be legible.**

Documents will be available from the ***28 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 Enquiries
E-mail: NWTenders@idt.org.za

Technical Enquiries
E-mail: NWTenders@idt.org.za
Technical Enquiries cut off date – 20 October 2026

Tender documents to be submitted at the tender box of the IDT office:

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 Matlosana (Klerksdorp) (Coordinates: -26.9151739 latitude & 26.6007786 longitude) Matlosana Local Municipality, North West Province on 07 October 2026 starting at 10h00.Tenderers must sign the attendance register in the name of the tendering entity

Note: Bidders are requested and encouraged to arrive early before the commencement of the briefing session.

PLEASE NOTE THE FOLLOWING IMPORTANT DATES

- Compulsory Clarification Meeting (Site Briefing) Date**: 07 October 2026 @ 10H00**
- Bid Closing Date: **27 October 2026 @ 12H00**
- Requirements for sealing, addressing, delivery and assessment of tenders are stated in the Tender Data.

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

Phase 1: Mandatory Requirements

Only bidders who meet the following requirements will be eligible for further evaluation.

1.1 MANDATORY ADMINSTRATIVE 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).

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 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 (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)"
1.2.9 Joint Venture (JV) agreement, if applicable, must be signed by all parties of the JV.
1.2.10 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 the role of health and safety officer for this project.
1.2.12 Confirmation of Receipt of Addenda to Bid Documents, if applicable

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 its 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 within 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 seven (7) working days, the IDT will reject the Bid.

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

Phase 2: Functionality criteria

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

Criteria	**Maximum Points Allocation**
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
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
Qualifications, Skills and Experience of project key resources	35 points
Financial Viability	15 points
Total	**100 points**

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)

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.

Phase 3: 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 80/20 system will be used since the estimated value for this project is below 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 (80/20 system)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Women Ownership	6	
Youth Ownership	6	
People with Disabilities Ownership	4	
Black People	4	
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 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 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 ***NWTenders@idt.org.za*** during office hours (08h30 – 17h00) weekdays.

Enquiries will be accepted until the ***20 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 ***27 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 CONSTRUCTION OF NEW MATLOSANA COMMUNITY LIBRARY FOR THE DEPARTMENT OF ARTS, CULTURE, SPORT AND RECREATION, 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 CONSTRUCTION OF NEW MATLOSANA COMMUNITY LIBRARY FOR THE DEPARTMENT OF ARTS, CULTURE, SPORT AND RECREATION, NORTH WEST PROVINCE .– BID NUMBER: DAC01NWER001
F.1.1	The employer is the **Independent Development Trust on behalf of the Department: Arts, Culture, Spots and Recreation, 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: TIKI ARCHITECTS Mr. Z. Sithole 43 Corner of Clarendon Road and Dadford Street Golf View Mafikeng, 2745 E- mail: sithole@tikiarchitects.com
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 Arts, Sports, Culture and Recreation Only bidders, who meet the following requirements will be eligible for further evaluation. **1.1. MANDATORY ADMINSTRATIVE 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). 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 7GB 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 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. **1.2.1** Confirmation of Receipt of Addenda to Bid Documents, if applicable **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 within 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.
F.2.1.1.2	**Should the recommended bidder fail to provide the required written proof within 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 7GB** 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 7GB** 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 **7GB** 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 ofthe 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 form 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 Matlosana (Klerksdorp) (Coordinates: -26.9151739 latitude & 26.6007786 longitude) Matlosana Local Municipality, North West Province on 07 October 2026 starting at 10h00.Bidders shall sign the attendance register in the name of the bidding entity. Addenda if any will be issued tobidders 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 NWTenders@idt.org.za during office hours (08h30 – 17h00) weekdays at least 5 (five) working days before the closing time and date stated in F.2.15.
F2.9	**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 CONSTRUCTION OF NEW MATLOSANA COMMUNITY LIBRARY FOR THE DEPARTMENT OF ARTS, CULTURE, SPORT AND RECREATION, NORTH WEST PROVINCE .– BID NUMBER: DAC01NWER001/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 F2.13.5 F.2.13.6 F.2.13.7 F.2.13.9	The bidder will sign the original of the bid offer. The bidder must submit tender offer in a sealed envelope. (Clearly marked **BID DATA FOR APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NEW MATLOSANA COMMUNITY LIBRARY FOR THE DEPARTMENT OF ARTS, CULTURE, SPORT AND RECREATION, NORTH WEST PROVINCE .– BID NUMBER: DAC01NWER001/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. Two-envelope system – not applicable 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** Identification details: **Tender No: DAC01NWER001** **Description: APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NEW MATLOSANA COMMUNITY LIBRARY FOR THE DEPARTMENT OF ARTS, CULTURE, SPORT AND RECREATION, 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 CONSTRUCTION OF NEW MATLOSANA COMMUNITY LIBRARY FOR THE DEPARTMENT OF ARTS, CULTURE, SPORT AND RECREATION, NORTH WEST PROVINCE .– BID NUMBER: DAC01NWER001/CON14
F.2.15 F.2.15.1	**Closing Time of Tender** The closing time for submission of tender offers is by no later than ***27 October 2026*** @ **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 F.2.16.1	**Tender Offer Validity** The bidder is required to hold the bid offer valid for a period of **120 calendar days** *(from the bid closingdate)*
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 CONSTRUCTION OF NEW MATLOSANA COMMUNITY LIBRARY FOR THE DEPARTMENT OF ARTS, CULTURE, SPORT AND RECREATION, NORTH WEST PROVINCE .– BID NUMBER: DAC01NWER001/CON14
F.3.11.8	**Scoring Preference** **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 (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Women Ownership	6	
Youth Ownership	6	
People with Disabilities Ownership	4	
Black Ownership	4	

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 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 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

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)

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:

	Similar completed projects (as per CIDB level 7GB & above – Tender Value above R 20 000 000	**Similar completed projects (as per CIDB level 6GB – Tender Value Limit between R 10 000 001 to R 20 000 000)**	**Similar Completed projects (as per CIDB level 5GB – Tender Value Limit between R 6 000 001 to R 10 000 000)**	**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**

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

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 (BOTH CLIENT & CLIENT REPRESENTATIVE). 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:

Points will be allocated based on:

i. Receipt of signed client references in the forms supplied in this document
or
ii. Favorable client reference letter on their letterhead

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):

Points allocated for required

i. competencies,
ii. qualifications (i.e degree or diploma)
iii. submission of CV's
iv. submission of relevant certified (not older than 6 months) evidence of qualifications and certificates of allocated Required Key Project Resources.
v. Professional registration within the built environment.

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

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

Category	Professional Registration (7 points)	Qualification within the Built Environment (5 points)			Years of experience within the BuiltEnvironment (16 points)			
	(Related to Building works, SACPCMP, SACQSP, SACAP, ECSA	Degree or higher	Diploma	National Certificate or similar	10 or above years	5 - 9 years	1 - 4 years	< 1 year
Project / Contract Manager	7	2	1	1	7	5	3	1
Site Agent	Not required	2	2	1	5	4	3	1
Foreman	Not required	1	1	1	4	4	3	1
Total Points	**7**	**5**	**4**	**3**	**16**	**13**	**9**	**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 Health and Safety officer 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 Construction Health and Safety Officer 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:

Description	Points
Recent audited annual financial statements Not older than 12 months with Cash & Cash Equivalent of R5 Million or above signed by an accountant and company Director	**15**
Recent audited annual financial statements Not older than 12 months with Cash & Cash Equivalent of R3 Million or above signed by an accountant and company Director	**10**
Non-Submission: thresholds lower than above	**0**

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.

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%			
FINANCIAL OFFER/PRICE	**80/90**	Formula 2 Option 1,A=(1- {p-pm/pm})	Formula used to calculate Financial Offer/Price points
		pm =The comparative Price offer of the mean/average qualifying tenderer	
		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) Traceable references for suppliers

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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 CIPC 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.

F2.10.2 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 proofof 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 drewprocurement 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	**Qualitative interpretation of goal**
Fair	The process of offer and acceptance is conducted impartially without bias, providing simultaneous and timely access to participating parties to the same information.
Equitable	Terms and conditions for performing the work do not unfairly prejudice the interests of the parties.
Transparent	The only grounds for not awarding a contract to a tenderer who satisfies all requirements are restrictions from doing business with the employer, lack of capability or capacity, legal impediments and conflicts of interest.
Competitive	The system provides for appropriate levels of competition to ensure cost effective and best value outcomes.

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 **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 **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 2026 TO 31 MARCH 2027
01 APRIL 2027 TO 31 MARCH 2028

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 following envisaged selected sub-contracts will be done upon appointment of the Principal Building Contractor:

- Clearing of site
- Excavation of footings and pipe trenches
- Painting
- Brickwork

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, not 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 Nietverdiend Combined 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.

Purpose of the Job:	The primary role of the CLO shall be liaison and facilitation of communication between the Contractor, the Local community and the Ward Councilor.
Job title:	Community Liaison Officer (CLO)
Reporting to:	The Contracts Manager or other delegated representative of the Contractor. The CLO must report to **the Contractor** and remain on site on a daily**.**
Experience:	Relevant experience and knowledge of building construction, community facilitation and relevant labour legislation.
Remuneration:	Rate payable for the CLO will be 100% of the Building Industry minimum wage for unskilled labour.
Minimum Skills:	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 OccupationalAnd 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

SBD 1

PART A
INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE INDEPENDENT DEVELOPMENT TRUST					
BID NUMBER:	DAC01NWER001	CLOSING DATE:	27 October 2026	CLOSING TIME:	12H00
DESCRIPTION	BID DATA FOR APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NEW MATLOSANA COMMUNITY LIBRARY FOR THE DEPARTMENT OF ARTS, CULTURE, SPORT AND RECREATION, NORTH WEST PROVINCE .– BID NUMBER: DAC01NWER001/CON14				

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		CONTACT PERSON	
TELEPHONE NUMBER		TELEPHONE NUMBER	
FACSIMILE NUMBER		FACSIMILE NUMBER	
E-MAIL ADDRESS		E-MAIL ADDRESS	

SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE			NUMBER	
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE			NUMBER	
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		**OR**	CENTRAL SUPPLIER DATABASE No:	MAAA
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES OFFERED?	☐Yes ☐No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES 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: ……...

T2.1.2 PREFERENCE POINTS CLAIM FORM

SBD 6.1

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

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1. GENERAL CONDITIONS

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

- the 80/20 system for requirements with a Rand value of below 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 80/20 preference point system.

b) The 80/20 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	**80**
SPECIFIC GOALS	**20**
TARGETED GROUP	
Women Ownership	6
Youth Ownership	6
People with Disabilities Ownership	4
Black People	4
Total points for Price and SPECIFIC GOALS	**100**

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

1.6 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

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

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

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

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

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

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

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

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

80/20 **or** **90/10**

$$\boldsymbol{Ps = 80\left(1 - \frac{Pt - P\,min}{P\,min}\right)} \quad \text{or} \quad \boldsymbol{Ps = 90\left(1 - \frac{Pt - P\,min}{P\,min}\right)}$$

Where

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

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

3.2.1. POINTS AWARDED FOR PRICE

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

80/20

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

Where

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

4. POINTS AWARDED FOR SPECIFIC GOALS

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

4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 preference point system applies, anorgan 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 tenderwill 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 or 90/10 preference point system is applicable, corresponding points must also be indicated as such.

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

The specific goals allocated points in terms of this tender	**Number ofpoints allocated(80/20 system) (To be completed by the organof state)**	**Number ofpoints claimed (80/20 system) (To be completed by the tenderer)**
Women Ownership	6	
Youth Ownership	6	
People with Disabilities Ownership	4	
Black People	4	

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 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, certifythat 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 additionto 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 asa result of having to make less favourable arrangements due to suchcancellation;

(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 CERITFICATE

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 within 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 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 CIDB 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 CIDB.

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

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 been in the service of any of the following:

- ☐ a member of any municipal council
- ☐ a member of any provincial legislature
- ☐ a member of the National Assembly or the National Council of Province
- ☐ 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 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 ---------- Date ----------

Name ---------- Position ----------

Enterprise name ----------

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

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

having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? **YES/NO**

2.3.1 If so, furnish particulars:
…….
…….

3 DECLARATION

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

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

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

3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or 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

SBD 4

[2] Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

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 attachedto 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:……

T2.1.16 SOCIO ECONOMIC UPLIFTMENT STRATEGY

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 Completion Certificates (practical completion, work completion & final completion)

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 COMPLETION CERTIFICATES (PRACTICAL COMPLETION, WORK COMPLETION & FINAL COMPLETION)

Tenderer is to attach all letters of appointment and completion certificate corresponding to the projectlisted in T2.2.2

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**:……

STAMP

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**:……

STAMP

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**:……

STAMP

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**:……

STAMP

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**:……

STAMP

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. Only Key personnel listed below shall be considered for evaluation.

CATEGORY OF EMPLOYEE	ORGANOGRAM		
	NAMES	QUALIFICATION	YEARS OF EXPERIENCE
Project / Contract Manager			
Site Agent			
Foreman			
OHS personnel registered with SACPCMP			

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:**
Employment Record:		
Experience Record Pertinent to Required Service:		

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) DATE:……
(OWNER OF THE CV)

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:**
Employment Record:		
Experience Record Pertinent to Required Service:		

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)

EVALUATION SCHEDULE: CV FOR FOREMAN

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:**
Employment Record:		
Experience Record Pertinent to Required Service:		

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

EVALUATION SCHEDULE: CV FOR HEALTH AND SAFETY OFFICER

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:**
Employment Record:		
Experience Record Pertinent to Required Service:		

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

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 CONSTRUCTION OF NEW MATLOSANA COMMUNITY LIBRARY FOR THE DEPARTMENT OF ARTS, CULTURE, SPORT AND RECREATION, NORTH WEST PROVINCE .– BID NUMBER: DAC01NWER001/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: R……

Amount in Words:

……..…

…….

This Offer may be accepted by the Employer by signing the Acceptance part of this Form of Offer and

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

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.

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 andconditions 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

C1.2 Contract Data for BID NO: DAC01NWER001

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 QUANTITES**" 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 been 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 or to any moveable, or immoveable 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** C**onstruction 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 detailto 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 **subcontracto**r is not appointed by the **contractor** for the reasons stated (14.2), or where the appointment of a **subcontracto**r 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 **subcontracto**r is not appointed by the **contractor** for the reasons stated (15.3), or where the appointment of a **subcontracto**r 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 e**mployer** 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. *The employer cannot reject a certificate once the employer signs it.* 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 **Contracto**r 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 contact 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: **THE ASSOCIATION OF SOUTH AFRICAN ARBITRATORS** 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) *(amount)* (In words) _____ _____ _____ 42.4 Signature of the contracting **parties**: Thus done and signed at_____on _____ _____ Name of signatory _____ For and on behalf of the **employer** who by signature hereof warrants authorisation hereto _____ Capacity of signatory _____ As Witness (1) Thus done and signed at_____on _____ _____ Name of signatory _____ For and on behalf of the **contractor** who by signature hereof warrants authorisation hereto _____ Capacity of signatory _____ 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 BBBEE 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 BBBEE 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 BBBEE 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.....**2026**

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.....**2026**

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 CONSTRUCTION OF NEW MATLOSANA COMMUNITY LIBRARY FOR THE DEPARTMENT OF ARTS, CULTURE, SPORT AND RECREATION, NORTH WEST PROVINCE – BID NUMBER: DAC01NWER001/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 MATLOSANA COMMUNITY LIBRARY FOR THE DEPARTMENT OF ARTS, CULTURE, SPORT AND RECREATION, NORTH WEST PROVINCE .– BID NUMBER: DAC01NWER001/CON14

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

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 fullextent and meaning of each and every clause set out in Section 1 (Preliminary and General) ofthe 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 x 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 theStandard 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 ofQuantities/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

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	SECTION NO.1 **PRELIMINARIES AND GENERAL** **BILL NO. 1** **SECTION A: JBCC PRINCIPAL BUILDING AGREEMENT** The JBCC Principal Building Agreement (May 2018 Edition 6.2) prepared by the Joint Building Contract Committee shall be the applicable building agreement, amended as hereinafter described. The JBCC Principal Building Agreement contract data form an integral part of this agreement. **PRELIMINARIES** The ASAQS Preliminaries (March 2014 edition) published by the Association of South African Quantity Surveyors for use with the said JBCC Principal Building Agreement shall be deemed to be incorporated in these bills of quantities. Tenderers' are referred to the abovementioned documents for the full intent and meaning of each clause thereof. These clauses are hereinafter referred to by clause number and heading only. Where standard clauses or alternatives are not entirely applicable to this contract such modifications, corrections or supplements as will apply are given under each relevant clause heading and such modifications, corrections or supplements shall take precedence notwithstanding anything contrary contained in the abovementioned documents Where an item is not relevant to this specific contract, such item is marked "NA" signifying "Not applicable". **METHOD OF MEASUREMENT** These Bills of Quantities for building work have been prepared in accordance with the Seventh Edition of the Standard System of Measuring Building 2017, issued by the Association of South African Quantity Surveyors, modified in certain respects where necessary to meet the requirements of certain particular cases. The Bills of Quantities for civil work have been prepared in accordance with SANS 1200. All adjustments arising out of the contract will be measured on the basis of these Bills of Quantities. The Standard System and SANS 1200 may, of necessity be referred to, but such reference is conditional upon the understanding that, when differences occur, the principles of measurement adopted in these Bills of Quantities are to be followed. **PREAMBLES FOR TRADES** The Model Preambles for Trades (November 2008 edition) as published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities and no claims arising from brevity of description of items fully described in the said Model Preambles will be entertained. Supplementary preambles are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles shall take precedence over the provisions of the said Model preambles.				

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Where Architect's or Engineer's specifications or drawings (where issued) are in conflict with the Model Preambles for Trades 2008 or any Supplementary Preambles, the Architect's or Engineer's specification and drawings, as the case may be, are to take preference. Where the drawings and Architect's or Engineer's specifications are in conflict, the Contractor is to obtain written clarification from the Principal Agent prior to the closing of tenders				
	The contractor's prices for all items throughout these bills of quantities must take account of and include for all of the obligations, requirements and specifications given in the said Model Preambles and in any supplementary preambles				
	PRICING OF PRELIMINARIES				
	Tenderers shall allow opposite each clause for any cost involved complying with such clause. Any clauses left unpriced shall be deemed to be covered by rates and prices elsewhere incorporated throughout these bills of quantities				
	PAYMENT CATEGORIES				
	Should the Tenderer select Option A in terms of subclause 26.9.4 in the Contract Data for the purpose of adjustment of these preliminaries, the amount entered into the amount column in these preliminaries is to be divided into one or more of the three categories provided namely Fixed (F), Value Related (V) and Time Related (T).				
	These relevant categories shall be as follows:				
	F - A fixed amount which shall not be varied				
	V - A variable amount that will be varied in proportion to the Contract Value				
	T - A variable amount that will be varied in proportion to the approved time for completion				
	SECTION A: JBCC PRINCIPAL BUILDING AGREEMENT				
	<u>Definitions</u>				
A	Clause 1.0 - Definitions and interpretation				
	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				
	F:..... V:..... T:.....	Item	1		
B	Clause 2.0 - Law, regulations and notices				
	Without limiting the generality of the provisions of clause 2.0, the Tenderer's attention is drawn to the provisions of the Construction Regulations, 2014 issued in terms of the Occupational Health and Safety Act, 1993. The tenderer shall price opposite this item for compliance with the act and the regulations and the reasonable provisions of the aforementioned health and safety specifications.				

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	In the event that an occupational health and safety specification is not included as part of this tender documents, it shall be deemed that the Tenderer shall comply with the specification requirements as set out in the Occupational Health and Safety Manual for Construction as prepared by BIFSA and that all costs related to compliance with such specification are included in the tender amount of the project. The Tenderer shall: Appoint in writing a responsible person for Health and Safety and lodge a copy of such appointment with the Principal Agent as required by the act. Ensure that the responsible person appointed and all employees are aware of their responsibilities in terms of the Act, and that the contract is carried out in accordance with the provisions of the Act. Further to the above, the contractor shall: a. Comply with the health and safety specification for the works b. Prepare and agree with the health and safety consultant the health and safety plan for the works c. Co-operate with the health and safety consultant in all respects d. Manage the compliance of all subcontractors with the regulations and with the health and safety plan and specification				
	F:..... V:..... T:.....	Item			
C	Clause 3.0 - Offer and Acceptance				
	F:..... V:..... T:.....	Item			
D	Clause 4.0 - Assignment and cession				
	Not Applicable	Item			
E	Clause 5.0 - Contract documents				
	Value Added Tax				
	Provision is made in the summary page of these bill of quantities for the inclusion of Value Added Tax (VAT)				
	Contract drawings				
	The contract drawings are listed as a separate annexure to this enquiry.				
	Electronic Issue of Drawings				
	All drawings for this project will be issued electronically and the contractor shall be deemed to have received such drawings on the date such F:..... V:..... T:.....	Item			

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
F	Clause 6.0 - Employer's agents **Delegated authority** The authority of the principal agent to perform duties for specific aspects of the works is delegated to the agents as follows; 1. Architect The architect is responsible for the architectural design, functional design and quality inspection. Without derogating from the generality thereof, the architect will perform the following specific functions: 1.1 Give opinion on aspects of the works which are not in accordance with the agreement 1.2 Supply the specified number of drawings 1.3 issue instructions if the bill of quantities is to be used as a specification 1.4 Be responsible for primary co-ordination of the design elements 1.5 Receive through the contractor and accept design documentation 1.6 Issue contract instructions to the contractor regarding: a. Alteration to design, quality or quantity of the works provided that such instruction shall not substantially change the scope of works b. Removal of any materials and goods from the site and the substitution of any materials and goods thereof c. Removal or re-execution of any work d. Opening up of work for inspection e. Testing of work and materials and goods f. Protection of the works g. Making good physical loss and repairing damage to the works h. Lists for practical completion and final completion I. Compliance with Acts of Parliament, regulations and bylaws 1.7 Witness the handing over to the contractor of pegs, beacons and datum levels 1.8 Define levels and provide the contractor with the necessary information to set out the works 1.9 Acceptance of design by Subcontractors 1.10 Inspect the works from time to time and give the contractor				
	1.11 Inspect the works for practical completion 1.12 Issue the list for practical completion 1.13 Issue the certificate of practical completion 1.14 Inspect the works at the end of the defects liability period 1.15 Issue the list for final completion and re-inspect upon request of the contractor 1.16 Issue the certificate of final completion 2. Quantity Surveyor and Project Manager The quantity surveyor is responsible for all measurements, valuations, financial assessments and other quantity surveying and cost control functions. Without derogating from the generality thereof, the quantity surveyor will perform the following specific functions and duties:				

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	2.1 Consult with the contractor in correction of rates or errors and discrepancies				
	2.2 Complete the contract data				
	2.3 Supply the specified number of unpriced bills of quantities				
	2.4 Identify in the contract data any changes to the standard JBCC documentation and determine any loss and expenses to the contractor caused by the non-disclosure thereof				
	2.5 Deal with amounts paid by the contractor to authorities having jurisdiction over the works				
	2.7 Issue instructions to the contractor regarding:				
	a. Rectification of discrepancies and errors in description or omissions in contract documents				
	b. Furnishing proof of payment to subcontractors				
	c. Budgetary allowances and work executed by the contractor				
	2.8 Prepare nominated and/or selected subcontract tender documents				
	2.9 Receive proof from the contractor that the contractor's payment obligations have been met in respect of subcontractors				
	2.10 Act on Employer's instructions to pay subcontractors directly				
	2.11 Adjustment of the contract value in respect of a revision to the date of practical completion				
	2.12 Calculate penalties for non-completion upon receipt of the relevant information from the principal agent				

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	2.13 Valuation of payment claims for payment certificates				
	2.14 Calculate default and compensatory interest due to the parties				
	2.15 With each valuation for payment issue:				
	a. A statement to the contractor and each subcontractor showing the amount certified for the relevant subcontractor				
	b. A statement to the employer and contractor showing the total amount certified				
	c. A recovery statement				
	2.16 Determine the value of adjustments to the contract value				
	2.17 Receive from the contractor details of expense and loss claims and assess such claims				
	2.18 Prepare the final account and submit to the contractor				
	<u>3. Civil and Structural Engineers</u>				
	The civil and structural engineer is responsible for the civil and structural design, functional design and quality inspection. Without derogating from the generality thereof, the civil and structural engineer will perform the following specific functions:				
	3.1 Give opinion on aspects of the works which are not in accordance with the agreement				
	3.2 Supply the specified number of drawings				
	3.3 issue instructions if the bill of quantities is to be used as a specification				
	3.4 Receive through the contractor and accept design documentation undertaken by subcontractors				
	3.5 Issue contract instructions to the contractor regarding:				
	a. Alteration to design, quality or quantity of the works provided that such instruction shall not substantially change the scope of works				
	b. Removal of any materials and goods from the site and the substitution of any materials and goods thereof				
	c. Removal or re-execution of any work				
	d. Opening up of work for inspection				
	e. Testing of work and materials and goods				
	f. Protection of the works				
	g. Making good physical loss and repairing damage to the works				
	h. Compliance with Acts of Parliament, regulations and bylaws				

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	3.6 Define levels and provide the contractor with the necessary information to set out the works 3.7 Acceptance of design by Subcontractors 3.8 Inspect the works from time to time and give the contractor interpretation and guidance on the standard and state of completion required for practical completion 3.9 Inspect the works for practical completion 3.10 Issue the list for practical completion and re-inspect upon request of the contractor 3.11 Inspect the works at the end of the defects liability period 3.12 Issue the list for final completion and re-inspect upon request of the contractor <u>4. Mechanical Engineer</u> The mechanical engineer is responsible for the mechanical engineering design and quality inspection. Without derogating from the generality thereof, the civil and structural engineer will perform the following specific functions: 4.1 Give opinion on aspects of the works which are not in accordance with the agreement 4.2 Supply the specified number of drawings 4.3 Issue instructions if the bill of quantities is to be used as a specification 4.4 Receive through the contractor and accept design documentation undertaken by subcontractors 4.5 Issue contract instructions to the contractor regarding: a. Alteration to design, quality or quantity of the works provided that such instruction shall not substantially change the scope of works b. Removal of any materials and goods from the site and the substitution of any materials and goods thereof c. Removal or re-execution of any work d. Opening up of work for inspection e. Testing of work and materials and goods f. Protection of the works g. Making good physical loss and repairing damage to the works h. Compliance with Acts of Parliament, regulations and bylaws				

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	4.6 Provide the contractor with the necessary information to set out the works 4.7 Acceptance of design by Subcontractors 4.8 Inspect the works from time to time and give the contractor interpretation and guidance on the standard and state of completion required for practical completion 4.9 Inspect the works for practical completion 4.10 Issue the list for practical completion and re-inspect upon request of the contractor 4.11 Inspect the works at the end of the defects liability period 4.12 Issue the list for final completion and re-inspect upon request of the contractor <u>5. Electrical Engineer</u> The electrical engineer is responsible for the electrical engineering design and quality inspection. Without derogating from the generality thereof, the civil and structural engineer will perform the following specific functions: 5.1 Give opinion on aspects of the works which are not in accordance with the agreement 5.2 Supply the specified number of drawings 5.3 Issue instructions if the bill of quantities is to be used as a specification 5.4 Receive through the contractor and accept design documentation undertaken by subcontractors 5.5 Issue contract instructions to the contractor regarding: a. Alteration to design, quality or quantity of the works provided that such instruction shall not substantially change the scope of works b. Removal of any materials and goods from the site and the substitution of any materials and goods thereof c. Removal or re-execution of any work d. Opening up of work for inspection e. Testing of work and materials and goods f. Protection of the works g. Making good physical loss and repairing damage to the works 5.6 Provide the contractor with the necessary information to set out the works 5.7 Acceptance of design by Subcontractors				

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	5.8 Inspect the works from time to time and give the contractor interpretation and guidance on the standard and state of completion required for practical completion				
	5.9 Inspect the works for practical completion				
	5.10 Issue the list for practical completion and re-inspect upon request of the contractor				
	5.11 Inspect the works at the end of the defects liability period				
	5.12 Issue the list for final completion and re-inspect upon request of the contractor				
	F:..... V:..... T:.....	Item			
G	Clause 7.0 - Design responsibility				
	F:..... V:..... T:.....	Item			
	Insurance and Security (A8-A11)				
H	Clause 8.0 - Works risk				
	F:..... V:..... T:.....	Item			
J	Clause 9.0 - Indemnities				
	F:..... V:..... T:.....	Item			
K	Clause 10.0 - Insurances				
	Clause 10.0 is amended by the addition of the following clauses:				
	The Contractor shall be registered with the Compensation Commissioner in accordance with the requirements of the Compensation for Occupational Injuries and Diseases Act No 130 of 1993, as amended and shall provide the Client with its COID registration number				
	Without in any way limiting the contractors 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/or destruction of the works by whatever cause during construction of the works and hereby indemnifies and holds harmless the employer against any such and hereby indemnifies and holds harmless the employer against any such damage.				
	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 in terms of clause 32.0 hereof.				
	F:..... V:..... T:.....	Item			

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
L	Clause 11.0 - Security				
	Clause 11.1.1 deleted and replaced by the following clause:				
	The contractor shall provide variable **construction guarantee** as per clause 11.1.2. Such **security** shall be provided to the **employer** within twenty-one (21) **calendar days** of acceptance of the **contractor's** tender.				
	Clause 11.1.3 deleted				
	Clause 11.1.4 deleted				
	Clause 11.2 Not Applicable				
	Clause 11.4 Not Applicable				
	Clause 11.5 Not Applicable				
	F:..... V:..... T:.....	Item			
	Execution				
M	Clause 12.0 - Duties of the parties				
	F:..... V:..... T:.....	Item			
N	Clause 13.0 - Setting Out				
	The Tenderer shall notify the principal agent if any encroachments of adjoining structures, pavements, boundary etc. exist in order that the necessary arrangements maybe made for the rectification of any such encroachments.				
	F:..... V:..... T:.....	Item			
P	Clause 14.0 - Nominated subcontractors				
	F:..... V:..... T:.....	Item			
Q	Clause 15.0 - Selected subcontractors				
	F:..... V:..... T:.....	Item			

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
R	Clause 16.0 - Direct contractors In respect of direct contractors the contractor shall: a. Designate an area for the direct contractor to establish a temporary office and workshop and storage of equipment and materials b. Allow the use of personnel welfare facilities, where provided c. Provide water, lighting and single phase electricity to a position within 50m of the place where the direct contract work is to be carried out, other than fuel or power for commissioning of any installation d. Permit the direct contractor to use erected scaffolding, hoisting facilities, etc. provided by the contractor, in common with others having the right of use while it remains erected on the site[16.1]				
	F:..... V:..... T:.....	Item			
S	Clause 17.0 - Contract instructions Site instructions Instructions issued on site are to be recorded in a site instruction book which is to be supplied and maintained on site by the contractor				
	F:..... V:..... T:.....	Item			
	Completion (A18- A24)				
T	Clause 18.0 - Interim completion				
	F:..... V:..... T:.....	Item			
U	Clause 19.0 - Practical completion				
	F:..... V:..... T:.....	Item			
V	Clause 20.0 - Sectional completion				
	F:..... V:..... T:.....	Item			
W	Clause 21.0 - Defects liability period and final completion				
	F:..... V:..... T:.....	Item			
X	Clause 22.0 - Latent defects liability period				
	F:..... V:..... T:.....	Item			

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Y	Clause 23.0 - Revision of date of practical completion The removal or substitution of any materials and goods which do not conform to the specification or the contract drawings shall not constitute grounds for the extension of the construction period nor the adjustment of the contract value [17.1.8, 23.1 & 2] F:..... V:..... T:.....	Item			
Z	Clause 24.0 - Penalty for late or non-completion F:..... V:..... T:.....	Item			
	Payment (A25 - A27)				
AA	Clause 25.0 - Payment **Materials and goods stored off site** The inclusion of materials and goods stored off site in the amount authorised for payment shall be at the sole discretion of the principal agent and such inclusion shall only be considered upon the provision, by the contractor, of an approved security [25.3.2] **Fluctuations in costs** All fluctuations in costs, with the exception of the fluctuations in the rate of Value Added Tax, shall be for the account of the contractor [25.3.4]. **Prices submitted** Where prices are submitted by the contractor or subcontractor during the progress of the whole of the works in respect of contract instructions or in regard to a claim under the terms of the agreement and notwithstanding the fact that such prices may be used in an interim payment certificate, there is to be no presumption of acceptance. Should the principal agent wish to accept any such process prior to the issue of the certificate of final Clause 25.7 is amended as follows; The **employer** shall pay to the **contractor** the amount certified in an interim **payment certificate** within twenty one (21) calendar days of the date of issue of the **payment certificate.** F:..... V:..... T:.....	Item			
AB	Clause 26.0 - Adjustment of the contract value and final account				

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Cost of claims All costs incurred by the contractor in the preparation of claims shall be borne by the contractor. The contractor shall review, assess and adjudicate any claims received by him from any subcontractor and thereafter submit same to the principal agent in adjudicating the claim [26.6] F:..... V:..... T:.....	Item			
AC	Clause 27.0 - Recovery of expenses and/or loss There is a possibility that certain works related to user requirements may have to be delayed and may consequently not be executed prior to practical completion The employer reserves the right to omit such work without compensation to the contractor for loss of profit or any other loss which the contractor may suffer as a result of such omission Should the contractor be instructed to do so he shall execute this work under the conditions pertaining to this agreement on the basis that a separate amount for preliminaries associated with the work is agreed to between the contractor and the principal agent and on condition that the instruction to proceed with such work is given within a period of three months after the date of practical completion of the works F:..... V:..... T:.....	Item			
	Suspension and termination (A28 - A29)				
AD	Clause 28.0 - Suspension by the contractor F:..... V:..... T:.....	Item			
AE	Clause 29.0 - Termination Add the following as clause 29.26.3: 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 F:..... V:..... T:.....	Item			
	Dispute resolution (A30)				
AF	Clause 30.0 - Dispute resolution F:..... V:..... T:.....	Item			
AG	**Agreement** The required post tender information shall be inserted in the post tender provisions after consultation with the Tenderer F:..... V:..... T:.....	Item			
AH	Clause 32.0 - Contract data Before submission of his tender the contractor is to complete the tenderer's selection in the contract data F:..... V:..... T:.....	Item			
	Carried To Summary				

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	SECTION NO.1				
	PRELIMINARIES AND GENERAL				
	BILL NO. 2				
	SECTION B: JBCC PRINCIPAL BUILDING AGREEMENT				
	Interpretation				
A	Clause 1.0 - Definitions and interpretation				
	F:..... V:..... T:.....	Item	1		
B	Clause 1.2 - Interpretation				
	F:..... V:..... T:.....	Item			
	Documents (B2)	Item			
C	Clause 2.1 - Checking of documents				
	F:..... V:..... T:.....	Item			
D	Clause 2.2 - Provisional Bills of Quantities				
	F:..... V:..... T:.....	Item			
E	Clause 2.3 - Availability of construction documentation				
	The provisional sums included in this agreement will be separately procured, based on multiple procurement of subcontractors during the construction period				
	F:..... V:..... T:.....	Item			
	Previous work and adjoining properties (B3)				
F	Clause 3.1 - Previous work - dimensional accuracy				
	F:..... V:..... T:.....	Item			
G	Clause 3.2 - Previous work - defects				
	F:..... V:..... T:.....	Item			
H	Clause 3.3 - Inspection of adjoining properties				
	The Tenderer shall identify and document, during the site inspection meeting, any conditions and restrictions imposed by existing buildings, limiting means of access and the like. Employees must be kept outside the working areas at all times.				
	F:..... V:..... T:.....	Item			

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Samples, shop drawings and manufacturer's (B4)				
J	Clause 4.1 - Samples of materials				
	F:..... V:..... T:.....	Item			
K	Clause 4.2 - Workmanship samples				
	F:..... V:..... T:.....	Item			
L	Clause 4.3 - Shop drawings				
	F:..... V:..... T:.....	Item			
M	Clause 4.4 - Compliance with manufacturer's instructions				
	F:..... V:..... T:.....	Item			
	Deposits and fees (B5)				
N	Clause 5.1 - Deposits and fees				
	F:..... V:..... T:.....	Item			
	Temporary services (B6)				
P	Clause 6.1 - Water				
	F:..... V:..... T:.....	Item			
Q	Clause 6.2 - Electricity				
	F:..... V:..... T:.....	Item			
R	Clause 6.3 - Ablution and welfare facilities				
	F:..... V:..... T:.....	Item			
S	Clause 6.4 - Telecommunication facilities				
	F:..... V:..... T:.....	Item			
	Prime cost amounts (B7)				
T	Clause 7.1 - Responsibility for prime cost amounts				
	F:..... V:..... T:.....	Item			

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Special attendance on n/s subcontractors (B8)				
U	Clause 8.1 - General attendance				
	F:..... V:..... T:.....	Item			
V	Clause 8.2 - Special attendance				
	F:..... V:..... T:.....	Item			
	General (B9)				
W	Clause 9.1 - Protection of the works				
	Employees will be present in adjacent buildings during construction. Site must be secured to separate construction activities from employees and general public.				
	F:..... V:..... T:.....	Item			
X	Clause 9.2 - Protection/isolation of existing/sectionally occupied works				
	F:..... V:..... T:.....	Item			
Y	Clause 9.3 - Security of the works				
	F:..... V:..... T:.....	Item			
Z	Clause 9.4 - Notice before covering work				
	F:..... V:..... T:.....	Item			
AA	Clause 9.5 - Disturbance				
	F:..... V:..... T:.....	Item			
AB	Clause 9.6 - Environmental disturbance				
	Controlling all forms of pollution				
	The contractor shall be responsible for and take all precautions in controlling, by whatever means necessary, all forms of pollution during the construction period due to inter alia, noise, artificial light, wind-blown sand, dust etc.				
	The contractor is to ensure that all roads used by the contractor during				
	F:..... V:..... T:.....	Item			
AC	Clause 9.7 - Works cleaning and clearing				
	F:..... V:..... T:.....	Item			

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
AD	Clause 9.8 - Vermin				
	F:..... V:..... T:.....	Item			
AE	Clause 9.9 - Overhand work				
	F:..... V:..... T:.....	Item			
	SECTION D: CONTRACT DATA				
	Contractor is referred to the **PRINCIPAL BUILDING AGREEMENT - Edition 6.2 - May 2018 Contract Data EC** for the full intent and meaning of the following clauses and are to provide for all costs and charges in connection therewith				
	2.0 **Law regulations and notices**				
	2.1/25.13 **Law** of the country applicable to the project Republic of South Africa				
	5.0 **Contract documents**				
	5.1 Signed **contract documents** held by the **client**				
	5.5 Number of copies of documents issued free to the contractor - 3No.				
	Priced document - Priced bills of quantity (BoQ)				
	System and Method of Measurement - SANS 1200 and the Standard System of Measuring Building Work 7th Edition				

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Contract Documents comprising - a. Employer Scope of Work and applicable documentation and, b. the JBCC Principal Building Agreement Ed 6.2 -May 2018 and c. JBCC PBA Contract Data ED 6.2 Contract Drawings - Refer to Scope of Work 10.0 Insurances By the contractor in the name of the parties Public liability insurance - R10 million per every claim 11.0 Securities The contractor shall provide a Guarantee for Construction to the employer 12.0 Duties of the parties Addressed in the scope of work section. 14.0 Nominated subcontractors - None at date of tender 16.0 Direct Contractors - None at date of tender 19/20/24 Practical completion/ penalty for late completion 19.0 Practical completion of the works as a whole Inspection working days - Three Date for practical completion - weeks Penalty Currency - Rand Penalty amount per calendar day - R Items that do not have to be completed to achieved practical completion - Nil Criteria to achieve practical completion - Refer to BoQ 25.0 Payment Currency - South African Rand Issue of regular payment certificates on - 25th of every month Contract Price Adjustment will not be applicable 30.0 Dispute resolution Alternative Dispute Resolution nominating body - Arbitration Foundation of Southern Africa **Changes made to JBCC documentation** Note: The amendments contained herein or in the single referenced Annexure constitute the only amendments to the standard JBCC Agreement that will apply. No other amendments shall be of any force or effect."				
	Carried To Summary				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 2				
	LIBRARY				
	BILL NO. 1				
	EARTHWORKS (PROVISIONAL)				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	SUPPLEMENTARY PREAMBLES				
	Nature of ground				
	Descriptions of excavations shall be deemed to include all ground conditions classifiable as "earth", and where conditions of a more difficult character are indicated, these are separately measured.				
	Carting away of excavated material				
	Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site				
	Soil poisoning and insecticide:				
	All soil poisoning and insecticide to be applied under a ten year guarantee by an approved firm of Specialists				
	All surfaces are to be inspected and approved by the Representative/Agent before any work is commenced with				
	SITE CLEARANCE ETC				
	Site clearance				
1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs, bush, etc and trees not exceeding 200mm girth	m^2	1,304		
2	Stripping average 100mm thick layer of top soil and stockpiling on site	m^2	1,304		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	REMOVAL OF TREES ETC				
	Taking out and removing, grubbing up roots and filling in holes				
3	Tree stump exceeding 200mm and not exceeding 500mm girth	no	3		
4	Tree stump exceeding 500mm and not exceeding 1000mm girth	no	5		
	EXCAVATION, FILLING, ETC				
	Open face excavation in earth				
	Excavation in earth not exceeding 2m deep below ground level over sloping site				
5	To reduce levels to final levels etc.	m^3	326		
	Excavation in earth not exceeding 2m deep				
6	Trenches	m^3	369		
7	Holes	m^3	35		
8	Thickening for 110mm walls	m^3	10		
	Extra over trench and hole excavations in earth for excavation in				
9	Soft rock	m^3	74		
10	Hard rock	m^3	37		
	Extra over all excavations for carting away				
11	Surplus material from excavations on site to a dumping site to be located by the contractor	m^3	561		
	Risk of collapse of excavations				
12	Sides of trench and hole excavations not exceeding 1,5m deep	m^2	988		
	Keeping excavations free of water				
13	Keeping excavations free of all water other than subterranean water	Item	1		
	FILLING ETC				
	Earth filling obtained from the excavations and/or prescribed stockpiles on site, compacted to 93% Mod AASHTO density				
14	Under floors, steps, pavings, etc	m^3	163		
15	Backfilling to trenches, holes, etc	m^3	42		
	Earth filling G5 Material supplied by the contractor compacted to 93% Mod AASHTO density @ 1% OMC				
16	Under floors, steps, pavings, etc	m^3	326		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
17	Backfilling to trenches, holes, etc	m^3	226		
	Compaction of surfaces				
18	Compaction of ground surface under floors etc, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% ModAASHTO density	m^2	1087		
19	Compaction of ground surface to bottom of trenches and bases, etc. including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 95% Mod AASHTO density	m^2	325		
	SOIL POISONING				
	Soil insecticide				
20	Under floors etc. including forming and poisoning shallow furrows against foundation walls etc., filling in furrows and ramming	m^2	1087		
21	To bottoms and sides of trenches etc.	m^2	1313		
	Carried to Summary				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 2				
	LIBRARY				
	BILL NO. 2				
	CONCRETE, FORMWORK AND REINFORCEMENT				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES				
	15MPa/19mm concrete				
1	Surface blinding under footings and bases	m^3	16		
	REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES				
	25MPa/20mm concrete				
2	Strip footings	m^3	61		
3	Columns bases	m^3	8		
4	Thickening for 110mm walls	m^3	10		
	REINFORCED CONCRETE				
	25MPa/20mm concrete				
5	Surface beds on waterproofing	m^3	82		
6	Apron with 600mm v-channel drain edging	m^3	26		
	30MPa/20mm concrete				
	Lower roof beams	m^3	20		
7	Columns	m^3	4		
	TEST CUBES				
8	Making and testing 150 x 150 x 150mm concrete strength test cube. (Provisional)	No	26		
	CONCRETE SUNDRIES				
	Finishing top surfaces of concrete smooth with a power float				
9	Surface beds, slabs, etc	m^2	824		
	Finishing top surfaces of concrete smooth with a wood float				
10	Apron slab with 600mm v-channel drain edging	m^2	263		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SMOOTH FORMWORK				
	Smooth formwork to sides				
11	Rectangular columns with total height exceeding 3,5m and not exceeding 5m above bearing level	m^2	61		
12	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	311		
	Smooth formwork to circular columns				
13	255mm Diameter column 4,02m high	No	4		
	Smooth formwork to sides and soffits				
14	Lower roof beams	m^2	189		
	MOVEMENT JOINTS ETC				
	Expansion joints with 12 mm soft board:				
15	12mm Thick softboard in widths not exceeding 300mm between but between vertical concrete and brick surfaces	m	311		
	6 x 10mm In saw cut joints in floors filled with polyurethane sealing compound including backing cord, bond breaker, primer, etc				
16	In concrete floors	m	146		
	REINFORCEMENT (PROVISIONAL)				
	High tensile steel reinforcement to structural concrete work				
17	Various Bars	ton	13.40		
	Fabric reinforcement				
18	Type 193 fabric reinforcement in aprons, etc. with 300mm wide side and end laps (measured net)	m^2	1,087		
	Carried to Summary				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 2				
	LIBRARY				
	BILL NO. 3				
	MASONRY				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	SUPPLEMENTARY PREAMBLES				
	Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick the width of the brick				
	Face bricks				
	Bricks shall be ordered timeously to obtain uniformity in size and colour				
	Pointing				
	Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc.				
	Reinforced brick lintels				
	Lintels shall bear at least 160mm onto adjacent walling. Where such bearing cannot be obtained due to the proximity of adjacent openings the lintel shall be continuous				
	BRICKWORK				
	FOUNDATIONS (PROVISIONAL)				
	Brickwork of NFX bricks (14 MPa nominal compressive strength) in class II mortar				
1	Piers	m3	15		
2	One brick walls	m^2	342		
	SUPERSTRUCTURE				
	Brickwork of NFP bricks in class II mortar				
3	Piers	m3	43		
4	Half brick walls	m^2	237		
5	Half brick walls in beamfilling.	m^2	42		
6	One brick walls	m^2	605		
	280mm Hollow walls of two half brick skins	m^2	645		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	BRICKWORK SUNDRIES				
	Brickwork reinforcement				
7	75mm Wide reinforcement built in horizontally	m	1,116		
8	150mm Wide reinforcement built in horizontally	m	6,368		
	Galvanised hoop iron cramps, ties, etc				
9	30 x 1,6mm Roof tie 1,5m long with one end fixed to timber and other end built into brickwork	No	360		
	Prestressed fabricated lintels				
10	110 x 75mm Lintels in lengths not exceeding 3m	m	355		
11	110 x 70mm Lintels in lengths exceeding 3m and not exceeding 4,5m	m	43		
12	110 x 70mm Lintels in lengths exceeding 4,5m and not exceeding 6m	m	10		
	Turning pieces				
13	115mm Wide turning piece to lintels etc	m	113		
14	230mm Wide turning piece to lintels etc	m	494		
	"Winblok" modular precast concrete window surrounds etc finished smooth on exposed surfaces, including bedding, jointing and pointing				
15	595 x 595 x 260mm Type WB66F with aluminium window frame and 6,38mm laminated clear glass	No	36		
16	595 x 595 x 260mm Type WB66T with aluminium window frame and 6,38mm laminated clear glass	No	8		
	FACE BRICKWORK				
	Terracotta Travertine FBS or similar approved face bricks(P.C R9500.00/1000) in stretcher bond to receive 10mm wide x 6mm deep square recessed joints in both directions (horizontal and vertical).				
17	Extra over brickwork for face brickwork in piers	m3	43		
	Terracotta Sarin FBS or similar approved face bricks(P.C R10500.00/1000) in stretcher bond to receive 10mm wide x 6mm deep square recessed joints in both directions (horizontal and vertical).				
18	Extra over brickwork for face brickwork	m^2	645		
19	Extra over brickwork for brick-on-edge header course lintel pointed on face and 115mm soffit	m	123		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	Brick-on-edge header course copings, sills, etc of external face bricks (PC Amount R 10500/1000) pointed with recessed joints on all exposed faces				
20	180mm Wide sill set sloping and slightly projecting	m	52		
	NUTEC-CEMENT WINDOW SILLS				
	Natural grey fibre cement window sills in single length bedded in 1:4 cement sand mortar. Sand and apply alkali resistant sealer and two coats mat enamel pain. (paint measured elsewhere)				
21	150 x 15mm Wide sills set flat and slightly projecting	m	78		
	Carried to Summary				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 2				
	ADMIN BLOCK				
	BILL NO. 4				
	WATERPROOFING				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	SUPPLEMENTARY PREAMBLES				
	Waterproofing of roofs, basements, etc. shall be laid under a ten year guarantee. Waterproofing to roofs shall be laid to even falls to outlets etc. with necessary ridges, hips and valleys. Descriptions of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turn-downs.				
	All the components to be cleaned and surveyed for defects and cracks, etc. before the application /installation of any form of water proofing.				
	DAMPPROOFING OF WALLS AND FLOORS				
	One layer of 375 Micron Consol Plastics Brikgrip DPC embossed damp proof course				
1	In walls	m^2	74		
	One layer of 250 Micron "Plastall Gunplas USB Green" waterproof sheeting Type C, sealed at laps with "Gunplas Pressure Sensitive Tape"				
2	Under surface beds	m^2	824		
3	Under apron slab	m^2	263		
	JOINT SEALANTS ETC				
	"Compriband" bitumen impregnated foam plastic joint sealing strips				
4	25 x 20mm In joints between frames and walls	m	565		
	Carried to Summary				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 2				
	ADMIN BLOCK				
	BILL NO. 5				
	ROOF COVERING AND CLADDING ETC				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	PROFILED METAL SHEETING AND ACCESSORIES				
	0,58mm thick 700mm cover Saflok 700® Dove Grey CHROMADEK PLUS® interlocking roof covering, fixed to timber purlins at 2200mm centres and end-span purlins at 2000mm centres (final spacing to be calculated by an engineer) using SL 700® Clip 21 clips secured to purlins with Fixtite® or approved wafer head self-tapping fasteners with roof insulation, all in accordance with the manufacturer`s recommendations. • Installation region: inland • Atmospheric corrosion category: C3.				
1	Roof coverings with pitches not exceeding 25 degrees	m2	1,467		
2	Ridge cappings 650mm girth	m	149		
3	Hip cappings 650mm girth	m	38		
4	Verge cappings 650mm girth	m	13		
	ROOF AND WALL INSULATION				
	"Alucushion" insulation aluminium foil faced on one side and white faced on other side				
5	Insulation laid taut over purlins (at approximately 1,1m centres) and fixed concurrent with roof covering, including white plastic coated straining wires (Measured flat on plan)	m2	1,467		
	Carried to Summary				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 2				
	ADMIN BLOCK				
	BILL NO. 6				
	CARPENTRY AND JOINERY				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	SUPPLEMENTARY PREAMBLES				
	Fixing				
	Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete				
	Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as "bolted", the bolts have been given elsewhere				
	Joinery				
	Descriptions of frames shall be deemed to include frames, transoms, rails, etc.				
	Descriptions of hardwood joinery shall be deemed to include sinking and pelleting heads and nuts of bolts				
	Decorative thermosetting plastic laminate covering				
	Laminate covering shall be glued under pressure and edge strips of same shall be butt jointed at junctions with adjacent similar finish				
	ROOFS, ETC				
	Plate nailed timber roof truss construction				
1	Roof construction to mono pitch truss construction size 38 400 x 25 560 mm overall on plan with 800mm eaves overhang projecting both sides, including all necessary runners, bracing and cross bracing (purlins and wall plates elsewhere)	No	1		
	Sawn softwood				
2	38 x 114mm Wall plates	m	232		
3	50 x 76mm Purlins	m	1,636		
	Sundries				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
4	Two coats creosote on sawn timbers	m2	1,467		
	EAVES, VERGES, ETC				
	Everite medium density plain nutec-cement				
5	12 x 225mm Fascias and barge boards, including aluminium H-profile jointing strips	m	232		
	SKIRTINGS				
	Swartland SA Pine 69mm x 22mm x 3000mm long reversible skirting (Code: RSK), plugged and countersunk screwed and pelleted to wall. • Wood species: SA Pine • Product: RSK reversible skirting (Code: RSK) • Size: 69mm x 22mm x 3000mm long.				
6	22 x 69mm Skirtings	m	56		
	DOORS, ETC				
	Solid flush doors with commercial veneer on both sides hung to steel frames (measured elsewhere)				
7	40mm thick door 830mm x 2032mm (D16, D17)	No	2		
	Semi-solid flush doors with commercial veneer on both sides hung to steel frames (measured elsewhere)				
8	40mm thick door 830mm x 2032mm (D09, D10, D12, D13, D15, D18, D19, D21, D23, D25, D26, D27,D28, D29)	No	14		
	Hollow core flush doors with commercial veneer on both sides hung to steel frames				
9	40mm thick laminated flush door 1000 x 2125mm faced both sides with hardwood veneer suitable for painting (D24)	No	1		
	Pine Louvre Door				
10	Lotus Wood Products pine louvre Louvre door size 610mm x 2032mm high. Sand down timber surface to a fine smooth finish (D22)	No	1		
	Carried to Summary				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 2				
	ADMIN BLOCK				
	BILL NO. 7				
	CEILINGS AND PARTITIONS				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	SUPPLEMENTARY PREAMBLES				
	Fixing				
	Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete				
	Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as "bolted", the bolts have been given elsewhere				
	Ceilings				
	Unless otherwise described ceilings shall be deemed to be horizontal				
	Steel components				
	All steel components for ceilings, partitions, etc. are to be galvanised in accordance with SANS 121				
	NAILED UP CEILINGS				
	6mm thick fibre cement ceiling boards with fixing accessories and fixed to 38 x 38mm SA pine brandering spaced at 300mm centres with ceiling screws. Provide H profile jointing strips and coved cornice.Finish off with plaster primer, undercoat and two coats "Plascon Kitchens and Bathrooms" (or equal and approved) premium quality water based enamel to manufacturers specifications. 135mm Aerolite (or similar approved) glass wool insulation above ceiling.				
1	Horizontal ceilings, including 38 x 38mm sawn softwood brandering at 320mm centres and cross brandering at 900mm centres	m2	2		
2	Extra over ceiling for 610 x 610 x 10mm thick pressed steel trap door with white powder coated steel frame and lid hinge standard	No	1		
	"Rhino" gypsum plasterboard cornices				
3	75mm Coved cornices, nailed	m	5		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	Gypsum ceiling panels face-covered with White embossed vinyl, size 1200 x 600 x 9mm thick, laid on fire rated S3 exposed demountable Butt-cut T24 suspension system, comprising galvanised main tees and cross tees with main tees suspended by means of galvanised hangers at centres not exceeding 1200mm with ceiling perimeter finished with Shadowline W-trim, plugged and screwed at 200mm centres, and all installed to manufacturer`s instructions.				
4	Horizontal ceilings, including 38 x 38mm sawn softwood brandering at 320mm centres and cross brandering at 900mm centres	m2	36		
5	Extra over ceiling for 610 x 610 x 10mm thick pressed steel trap door with white powder coated steel frame and lid hinge standard	No	5		
	SUSPENDED CEILINGS				
	12.5mm thick Gyptone® BIG Line 6 fixed to Gypframe® UltraSTEEL® Brandering spaced at 300mm centres clipped onto Gyproc Suspension Brackets and fixed to tie beam/joist using one line of 2 Gyproc Grabber Screw 32mm. Maximum joist/tie beam spacing is 1200mm. Branders are joined using brander joiners. Fixed using Gyproc Sharp-point Screws 25mm at maximum 150mm centres. Gypframe® UltraSTEEL® Brandering suspended using Gyproc Suspension Bracket at 1200mm centres. Apply Gyproc RhinoTape® to all joints and internal corners. Install Gypframe® Corner Bead to all external corners. Cover Gyproc RhinoTape® with 2 coats of Gyproc RhinoGlide®. Wall Angle – Fix Gyproc Rhino Cove Cornice™ 75mm. Install 50mm thick noncombustible, lightweight Energylite Glasswool insulation blanket/batts for improved acoustic performance. Install in accordance with the manufacturers detail and specification. Install Isover 115mm thick Aerolite noncombustible light weight Glasswool thermal ceiling insulation • Ceiling System: Gyptone® BIG Line 6 - 2400 x 1200 x 12.5mm thick (Code: CA1907) • Ceiling Grid: Concealed ceiling grid • Climatic zone: Zone 2 • R-value: 2.88m² K/W • Thermal conductivity: 0.04 W/m²/K.				
6	Horizontal ceilings suspended not exceeding 1m below trusses	m2	582		
	"Donn" cornices to suspended ceilings				
7	Shadowline pre-painted cornices	m	786		
	ALUMINIUM LUXALON CEILING ;				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	Hunter Douglas Luxalon® Closed ceiling aluminium ceiling system comprising 5000mm x 225mm x 15,5mm deep with Luxacote® finish colour 02600.6mm standard panels, fixed on carriers at not exceeding 1000mm centres, suspended by rod hangers at not exceeding 1700mm centres. Ceiling perimeter finished with 45 x 21 x 21 x 18,5mm W-profile colour 0260. The whole to be designed and installed by approved specialist, all in accordance with the manufacturer`s recommendations. • Ceiling system: Closed ceiling • Panel colour: 0260 • Edge profile: W-profile • Edge profile colour: 0260.				
8	Horizontal ceilings suspended not exceeding 1m below trusses	m2	36		
	INSULATION "Aerolite" or other equal and approved insulation				
9	135mm Non-combustible lightweight fibreglass insulation blanket fitted between tie beam and laid loose on top of brandering	m2	656		
	Carried to Summary				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 2				
	ADMIN BLOCK				
	BILL NO. 8				
	FLOOR COVERINGS, PLASTIC LININGS, ETC				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	FLOOR COVERINGS				
	VINYL SHEETING: Sheet Type A (To Architects approval)				
	Polyflor 2mm thick Prestige PUR lifelong polish free Homogeneous vinyl floor sheeting colour Nutmeg (Colour code: 1910), laid in acrylic adhesive spread with a notched trowel on suitably prepared cement screed floors with a hygrometer reading showing a moisture content of less than 70%, with joints welded with a fully flexible coloured Polyflor welding rod to provide a smooth, hygienic sealed finish and rolled with 68kg articulated floor roller, all in accordance with manufacturer`s recommendations.				
1	On floors	m2	62		
	VINYL SHEETING: Sheet Type B (To Architects approval)				
	Polyflor 2mm thick Classic Mystique PUR lifelong polish free Homogeneous vinyl floor sheeting colour Cloud Stone (Colour code: 1530),OR EQUAL APPROVED, laid in acrylic adhesive spread with a notched trowel on suitably prepared cement screed floors with a hygrometer reading showing a moisture content of less than 70%, with joints welded with a fully flexible coloured Polyflor welding rod to provide a smooth, hygienic sealed finish and rolled with 68kg articulated floor roller, all in accordance with manufacturer`s recommendations.				
2	On floors	m2	300		
	VINYL SHEETING: Sheet Type C (To Architects approval)				
	Polyflor 2mm thick Palettone PUR Homogeneous vinyl floor sheeting colour Painters Dream (Colour code: 8612), OR EQUAL APPROVED, laid in acrylic adhesive spread with a notched trowel on suitably prepared cement screed floors with a hygrometer reading showing a moisture content of less than 70%, with joints welded with a fully flexible coloured Polyflor welding rod to provide a smooth, hygienic sealed finish and rolled with 68kg articulated floor roller, all in accordance with manufacturer`s recommendations.				
3	On floors	m2	130		
	VINYL SHEETING: Sheet Type D (To Architects approval)				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	Polyflor2mm thick OHMega EC ESD vinyl floor sheeting colour Frosty Glen (Colour code: 6005), laid in conductive acrylic adhesive spread with a notched trowel on suitably prepared cement screed with a hygrometer reading showing a moisture content of less than 70%, with joints welded with a fully flexible coloured Polyflor welding rod to provide a smooth, hygienic sealed finish and rolled with 68kg articulated floor roller, all in accordance with manufacturer`s recommendations.				
4	On floors	m2	55		
	VINYL SHEETING: Sheet Type E (To Architects approval)				
	Polyflor 2mm thick Heavy-duty homogeneous vinyl flooring with duotone marbleised decoration				
5	On floors	m2	80		
	CARPET FLOORING: (Colour to Architects approval)				
	Belgotex Serengeti colour River Sand, heavy commercial (SABS location grade: 5) Stainproof SDX (Solution Dyed Nylon) 10mm thick, Tufted Cut Pile MiracleBac carpet broadloom sheeting laid on and including Blue underlay.				
6	On floors	m2	65		
	ARTFICIAL GRASS: (Colour to Architects approval)				
	Belgotex Sports Artificial grass, Pitch Olive Green or equal approved. 11 mm pile height, polyethylene fibre type, knitted and suitable for external areas. Finish with infil of 6kg/m2 silica sand. UV warrantee 10 years, guarantee 5 years.				
7	On floors	m2	56		
	SAND: (Colour to Architects approval)				
	Washed river sand, 0 to 2 mm granules. No organic components, maximum 5% of weight up to 0,2mm. Material should not compact or get hard.				
8	On floors	m2	8		
	SKIRTINGS, NOSINGS, ETC				
	VINYL SHEETING: Sheet Type B				
9	150mm high coved skirting preformed over 20 x 20mm cove former finished with a pvc capping strip, installed strictly as per manufacturers detail specifications.	m	226		
	Carried to Summary				
	SECTION NO. 2				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	ADMIN BLOCK				
	BILL NO. 8				
	IRONMONGERY				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	SUPPLEMENTARY PREAMBLES				
	Finishes to ironmongery				
	Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list:				
	BS Satin bronze lacquered CH Chromium plated				
	SC Satin chromium plated				
	SE Silver enamelled				
	GE Grey enamelled				
	AS Anodised silver				
	AB Anodised bronze				
	AG Anodised gold				
	ABL Anodised black				
	PB Polished brass				
	PL Polished and lacquered				
	PT Epoxy coated				
	SD Sanded				
	NP Nickle plated				
	HINGES, BOLTS etc.				
1	2 x 100mm Galvanised and Welded Loose Pin Hinges	No	36		
	LOCKS				
	"Union"				
2	CZ682-065C/26310-765C latchset	No	18		
3	Security double throw dead lock with no latch	No	6		
4	3 Lever Upright mortice lock (union 2277) lockset and Satin chrome plated handles.	No	12		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
5	2 Lever Upright mortice lock (union 2277) lockset and Satin chrome plated handles.	No	8		
6	Cylinder sash lock	No	8		
8	WC Indicator set	No	10		
9	66mm Single cyclinder MK	No	12		
10	66mm Double cylinder MK	No	10		
11	Adjustable roller catch	No	12		
	HANDLES				
	"Union"				
12	Lever handle on 170mm x 170mm SS	No	16		
13	Lever handle on backplate	No	16		
14	Cylinder escutcheon	No	10		
15	Narrow stile escutcheon	No	4		
16	Pull handles BTB fix	No	6		
17	Offset pull handles BTB fix	No	4		
	PUSH PLATES AND KICKING PLATES				
18	0.9mm x 300 x Door width TBC by builder	No	6		
	DOOR CLOSERS				
	"Union"				
19	QS700 DA delay action door closer	No	4		
20	QS680 Door closer for doors up to 80KG	No	2		
	LETTERS, NAMEPLATES, ETC				
	"Solid"				
21	150 x 150mm IG4/5 anodised aluminium plate with male or female symbol	No	10		
22	150 x 150mm IG2 anodised aluminium plate with paraplegic symbol	No	4		
23	150 x 150mm IF1/2/5/17/18 anodised aluminium plate with fire hydrant symbol, fire hose reel, fire extinguisher or fire exit symbol	No	6		
	BATHROOM FITTINGS				
24	"Franke" code: STRX 672 E18/10 stainless steel recessed single toilet roll holder with spindle system, 2 rolls.set seat and cover plate.	No	10		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
25	Kimberly-Clark – TWINPAK soap dispenser" - Code: 925570, or similar approved, "white" soap dispenser, securely plugged to wall.The unit shall be supplied with "ANTIBACTERIAL CLEANSER (hand soap)" code: 925170Supplied with purpose made thermoset seat and cover plate.	No	10		
26	Franke Jetstream Airtronic 1,2mm thick brushed finish automatic hands free warm air hand dryer (Code: 2500002), size 245 x 140 x 167mm high, plugged and screwed to the wall with stainless steel screws.• Accessory: Jetstream Airtronic warm air hand dryer (Code: 2500002) • Material: brushed finish • Size: 245 x 140 x 167mm high.	No	7		
27	Sanitary Towel Bin - Stainless Steel - 15L - Small	No	14		
	Chairman Industries				
28	32mm DL2 stainless steel side grab rail, plugged	No	1		
29	32mm SR2A stainless steel rear grab rail around cistern, plugged. 170Supplied with purpose made thermoset seat and cover plate.	No	1		
	SUNDRIES				
	Brass				
30	38mm Diameter rubber door stop	No	30		
31	Hat and coat hook with buff	No	6		
	Carried to Summary				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 2				
	ADMIN BLOCK				
	BILL NO. 9				
	METALWORK				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	SUPPLEMENTARY PREAMBLES				
	Descriptions of bolts shall be deemed to include nuts and washers				
	Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete				
	Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described				
	STEEL SCREENS, GATES, ETC				
	Magnus grate gate or equal approved, 25X25X2mm RHS frame with 3No. Hinges, 8mm round bars, opening sizes 50/50.				
1	Single gate 900 x 2000mm high (G1, G2, G3)	No	3		
2	Single gate 906 x 2125mm high (GD16)	No	1		
3	Double gate 2954 x 2502mm high (GD01)	No	1		
4	Double gate 2267 x 2140mm high (GD14)	No	1		
	PRESSED STEEL DOOR FRAMES				
	1,6mm Single rebated frames suitable for half brick walls				
5	Frame for door overall size 830 x 2 032mm high (D09, D10, D12, D13, D15, D18, D19, D21, D23, D25, D26, D27,D28, D29)	No	14		
6	Frame for door overall size 936 x 2 032mm high (D24)	No	1		
	1,6mm Single rebated frames suitable for one brick walls				
7	Frame for door overall size 610 x 2 032mm high (D22)	No	1		
8	Frame for door overall size 830 x 2 032mm high (D16, D17)	No	2		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	ALUMINUM WINDOWS, DOORS, ETC				
	Purpose made normal strength aluminium epoxy powder coated window with standard aluminium panels glazed in 6.38mm **laminated clear glass** approved, including 10mm dia. round m/s bar brick design burglar guard.				
7	Fixed Aluminum window,size 600 x 2400mm	No	14		
9	Side Hung Aluminum window, size 600 x 1020mm	No	2		
	Purpose made normal strength aluminium epoxy powder coated window with standard aluminium panels glazed in 6.38mm **laminated frosted glass** approved, including 10mm dia. round m/s bar brick design burglar guard.				
10	Top hung Aluminum window, size 1200 x 1020mm	No	23		
11	Top hung Aluminum window, size 1200 x 1020mm	No	1		
	Purpose made normal strength aluminium epoxy powder coated window with standard aluminium panels glazed in 6.38mm **laminated tinted glass** approved, including 10mm dia. round m/s bar brick design burglar guard				
12	Side hung Aluminum window, size 600 x 1020mm	No	9		
	Purpose made normal strength aluminium epoxy powder coated window with standard aluminium panels glazed in 6.38mm **laminated one way glass** approved, including 10mm dia. round m/s bar brick design burglar guard				
13	Aluminum fixed sash window, size 1220 x 1800mm	No	4		
	Natural anodised aluminium doors glazed with 8.38mm laminated clear intruderprufe glazing including sub-frames and silicone sealant all round, fixed to brickwork				
	Material shall be of 6063T6 aluminium alloy with a minimum structural wall thickness of 1.80mm. System shall meet or exceed the requirements of AAAMSA and the design loading				
14	Door size 2950 x 2465mm (D01)	No	1		
15	Door size 1600 x 2125mm (D02)	No	2		
16	Door size 2880 x 2125mm (D03)	No	1		
17	Door size 3695 x 2125mm (D04)	No	1		
18	Door size 4540 x 2125mm (D05)	No	1		
19	Door size 3600 x 2125mm (D06)	No	1		
20	Door size 2080 x 2125mm (D08)	No	1		
21	Door size 3060 x 2125mm (D11)	No	1		
22	Door size 2260 x 2125mm (D14)	No	1		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
23	Aluglass Bautech Varifold® Elegance Oak Veneer double leaf wooden folding door(OR EQUAL APPROVED) with Elegance handles, to suit structural opening, and hung from natural anodised aluminium track plugged and screwed to brickwork. Structural opening size 2000mm x 1800mm high (HD1)	No	1		
Carried to Summary					

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 2				
	ADMIN BLOCK				
	BILL NO. 10				
	PLASTERING				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	SCREEDS				
	1:4 Cement plaster screeds steel floated				
1	30mm Thick on floors and landings	m2	824		
	INTERNAL PLASTER				
	Cement plaster on brickwork				
2	On walls	m2	2197		
3	On narrow widths	m2	565		
	EXTERNAL PLASTER				
	Cement plaster on brickwork				
4	On walls	m2	318		
5	On narrow widths	m2	24		
	CORNER PROTECTORS, DIVIDING STRIPS, ETC				
6	3 x 32mm Flat section brass dividing strips between different floor finishes	m	26		
	Carried to Summary				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 2				
	ADMIN BLOCK				
	BILL NO. 11				
	TILING				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	SUPPLEMENTARY PREAMBLES				
	Descriptions				
	Unless described as "fixed with adhesive to plaster (plaster elsewhere)" descriptions of tiling on brick or concrete walls, columns, etc. shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors etc. shall be deemed to include 1:3 plaster bedding				
	WALL TILING				
	CERAMIC TILES: Tile Type E (To Architects approval)				
	300 x 600mm Union Tiles PRSL ceramic tiles (Code: 1PRSRLVBRROBLA30X60), fixed to internal wall plaster backing with TAL tile adhesive (elsewhere specified) mixed with TAL Bond® in lieu of water with joints continuous in both directions and grouted with TAL tile grout (elsewhere specified), excess grout on the surface to be cleaned with water as work proceeds.				
1	On walls	m2	344		
2	On narrow widths	m2	34		
	FLOOR TILING				
	PORCELAIN TILES: Tile Type A (External Dry Areas) (To Architects approval)				
	600 x 600mm x 8mm thick Union Tiles porcelain tiles (Code: 1GRYNST200EA), OR EQUAL APPROVED, fixed to external floor screed with TAL tile adhesive (elsewhere specified) on concrete surface bed (elsewhere specified) to a minimum 1:50 falls in accordance with SANS 1200 D Degree of Accuracy I with joints continuous in both directions and grouted with TAL tile grout (elsewhere specified), excess grout on the surface to be cleaned with water as work proceeds.				
3	On floors	m2	35		
4	150mm high tile skirting	m	15		
5	Installing kirk trim on walls and on top of skirting	m	15		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	PORCELAIN TILES: Tile Type B (Internal Dry Areas) (To Architects approval) 600 x 600mm x 8mm thick Union Tiles porcelain tiles (Code: 1GRYNST200EA), OR EQUAL APPROVED, fixed to internal floor screed with TAL tile adhesive (elsewhere specified) with joints continuous in both directions and grouted with TAL tile grout (elsewhere specified), excess grout on the surface to be cleaned with water as work proceeds.				
6	On floors	m2	65		
7	150mm high tile skirting	m	101		
8	Installing kirk trim on walls and on top of skirting	m	101		
	PORCELAIN TILES: Tile Type C (Internal Wet Areas) (To Architects approval) 600 x 600mm x 8mm thick Union Tiles porcelain tiles (Code: 1GRYNST200EA), OR EQUAL APPROVED, fixed to internal floor screed with TAL tile adhesive (elsewhere specified) mixed with TAL Bond® in lieu of water with joints continuous in both directions and grouted with TAL tile grout (elsewhere specified), excess grout on the surface to be cleaned with water as work proceeds.				
9	On floors	m2	33		
10	150mm high tile skirting	m	88		
11	Installing kirk trim on walls and on top of skirting	m	88		
	Carried to Summary				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 2 **ADMIN BLOCK** **BILL NO. 12** **PLUMBING AND DRAINAGE** **NOTES** For preambles see "Model Preambles for Trades 2017" **SUPPLEMENTARY PREAMBLES** Wire gratings Descriptions of gutter outlets etc. shall be deemed to include wire balloon gratings Sealing of edges Outer edges of sinks, basins, baths, urinals, etc. are to be sealed against adjacent surfaces with approved silicone U-PVC pipes and fittings Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings Soil, waste and vent pipes and fittings shall be solvent weld jointed or sealed with butyl rubber rings U-PVC pressure pipes and fittings Pipes of 50mm diameter and smaller shall be plain ended with solvent welded U-PVC loose sockets and fittings Pipes of 63mm diameter and greater shall have sockets and spigots with push-in type integral rubber ring joints. Bends shall be U-PVC and all other fittings shall be cast iron, all with similar push-in type joints Polypropylene pipes Polypropylene pipes 54mm diameter and smaller shall be seamless copper coloured Class 16 pipes jointed with heat welded thermoplastic or where so described compression fittings Pipes shall be firmly fixed to walls, etc. with coloured nylon snap-in pipe clips with provision for accommodating thermal movement and jointed and fixed strictly in accordance with the manufacturer's instructions				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	Copper pipes Pipes shall be hard drawn and half-hard pipes of the class described. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard), Class 2 (half-hard) and Class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti-syphon pipes, capillary solder fittings and compression fittings shall be "?" type. Capillary solder fittings shall comply with ISO 2016 Copper pipes are to be installed in accordance with the latest revision of the Code of Practice for Copper Plumbing soldering techniques. Flux, solder, etc. to be strictly in accordance with the manufacturer's requirements with special attention to copper flux composition Reducing fittings Where fittings have reducing ends or branches they are described as "reducing" and 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 Fixing of pipes Unless specifically otherwise stated, descriptions of pipes shall be deemed to include fixing to walls, etc., casting in, building in or suspending not exceeding 1m below suspension level Paper wrapping to pipes Pipes chased into brickwork must be wrapped with two layers of stout brown paper tied with wire. Rates are to include for wrapping around joints and fittings Disinfection of water pipework Water pipework is to be disinfected at completion Petrolatum anti-corrosion tape Pipes to be taped shall be coated with the appropriate primer and the tape shall be applied in the appropriate widths and with ?% overlaps Couplings and fittings to pipes shall be taped in strict accordance with the manufacturer's instructions Prices for wrapping of pipes shall include for all work as described to couplings in the length Laying, backfilling, bedding, etc. of pipes Pipes shall be laid and bedded in accordance with manufacturers' instructions and trenches shall be carefully backfilled Where no manufacturers' instructions exist, pipes shall be laid in accordance with the relevant section of SANS 2001				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	General Descriptions of pipes laid in and including trenches and of inspection chambers, catch pits, etc. shall be deemed to include excavation, bedding, backfilling, compaction to a minimum of 95% Mod AASHTO density and disposal of surplus material on site Descriptions of service pipes and flexible connecting pipes shall be deemed to include connections to taps, cisterns, etc. and to steel pipes (adaptors for connections to copper pipes, etc. are given separately) Descriptions of WC pans, slop hoppers, etc. shall be deemed to include for joints to soil pipes (pan connectors are separately measured) As-built drawings Where required, the contractor shall prepare an updated set of as-built drawings. At completion of the contract the contractor shall hand these drawings to the principal agent for reproducing onto the originals for handing over to the employer (provision for allowance of as-built drawings elsewhere)				
	RAINWATER DISPOSAL Ogee profile Colorbond pre-coated Zincalume seamless gutter, size 125 x 85 x 0,5mm thick in colour Armour Grey including matching rivet-fixed mitres and end caps internally sealed using Silicon Mastic, hung by nail fixed internal aluminium hangers at 800mm centres with rectangular fluted downpipes, size 75 x 50 x 0,5mm thick in colour Armour Grey fixed to walls with pre-painted downpipe cleats using nail-in anchor fixings.				
1	Seamless gutters size 125 x 85 x 0,5mm thick	m	232		
2	Extra over for stopped end	no	18		
3	Extra over for angle	no	22		
4	75 x 50 x 0,5mm Diameter rainwater downpipe fixed to walls	m	76		
5	Extra over for bend	no	36		
6	Extra over for shoe	no	18		
7	Extra over for eaves or plinth offset	no	18		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SANITARY FITTINGS				
	"Franke" or similar and approved stainless steel				
8	Franke Trendline Model 1200x535 SEB Grade 304 18/10 polished stainless steel single end bowl drop on sink (Code: 1030008), overall size 1200 x 535mm with one 460 x 350 x 140mm deep bowl, fitted onto cupboard (elsewhere specified). Sink to include: • PVC trap (trap elsewhere specified) • 38mm waste fitting• One tube of Inox creamSink to include Highrise Swivel mixer (Code: 1150019) with overarm swivel spout, 15mm flexible connections. With 5 year guarantee on body construction.	No	2		
	Vaal or equally approved				
	Vanity Basins				
9	VAAL" white ceramic drop-in wash hand basin.Fitted onto 75mm Granite vanity slab finished with ceramic tiles as per Details.Seal vanity slab all round with white universal silicon "Cobra Watertech (code: 214) – 15 mm "Carina" pillar taps with red and blue insets.15mm CP ballostops to be provided on cold and hot water supply.Complete all plumbing connections. Joint between basin and wall to be sealed with white silicone sealant.	No	6		
	Wash Basins				
10	"VAAL " white ceramic fireclay 560x405mm rectangular Springbok basin with two tap holes). To be fixed to wall as per manufacturer's specifications, complete with CP waste connection, CP "Cobra" bottle trap, plug and chain, etc."Cobra Watertech (code 214) – 15mm "Carina" pillar taps with red and blue insets.15mm CP ballostops to be provided on cold and hot water supply.Complete all plumbing connections. Joint between basin and wall to be sealed with white silicone sealant.	No	3		
11	"VAAL " white ceramic fireclay 560x405mm rectangular Springbok basin with two tap holes). To be fixed to wall as per manufacturer's specifications, complete with CP waste connection, CP "Cobra" bottle trap, plug and chain, etc.Two "Cobra Watertech" – 15mm CP elbow "medical" action pillar taps (Code:505-21)Complete all plumbing connections. Joint between basin and wall to be sealed with white silicone sealant.	No	3		
	WC				
12	"VAAL S" white vitreous china "Protea Din 90° outlet, wash down pan (Code 750611)and matching cistern complete with lid, fitments and flush pipe elbow, as per manufacturer. Provide double flap heavy duty white painted wooden seat with chromium plated accessories.Fit pan onto concrete floor (not onto screed). Using 4:1 cement mortar mix.Complete all plumbing connections.Connect cistern with copper connector and 15mm CP ballostop to water supply Joint between WC pan and floor to be sealed with white silicone sealant.	No	6		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
13	JUNIOR LOW LEVEL WC (SUPPLIED BY VAAL) Vaal Sanitaryware vitreous china "Junior" 104° outlet washdown pan (code 751300) and matching 6 litre cistern (code 7105SL) complete with lid and fitments, and Junior Jazz seat (code 8532Z000). The suite is designed to flush effectively on 6 litres. Pan can also be used with a duct cistern (code 7116DP), or a concealed cistern.	No	2		
14	Vaal Sanitaryware vitreous china "Pearl Paraplegic" semi-close coupled 90° outlet open rim washdown pan and matching 9 litre cistern complete with lid, fitments, and purpose made C.P. side-flush lever (left or right). Supplied with purpose made thermoset seat and cover plate.	No	1		
15	VAAL" - white vitreous china wall mounted Flatback urinal Overall size 415x275x315mm urinal with top inlet (code 7053). Complete with 38mm CP domical grating (code 8787), CP spreader (code 3543) and two hanger brackets (code 8127). Flushing system: 15mm chromium plated push button stop cock.¾" Flushmaster Junior – " Cobra Watertech" CP urinal flush-valve.Joint between urinal and wall tiles sealed with white silicone sealant.	No	3		
	WASTE UNIONS, ETC.				
	"Cobra"or similar approved product				
16	32mm Basin waste union with plug and chain	No	10		
17	38mm Bath or sink waste union with plug and chain	No	4		
	TRAPS, ETC.				
	Equal and approved				
18	32mm Deep seal "P" or "S" trap	No	12		
19	40mm Reseal "P" or "S" trap	No	10		
20	40mm Anti-vac bottle trap	No	4		
	TAPS, VALVES, ETC.				
	Brass or approved				
21	15mm 232-10 CP Angle regulating valve, supply tube and cap nut	No	15		
22	22mm 121RB Stopcock	No	20		
23	28mm 1001/125RB Fullway gate valve	No	20		
24	Plumline 10-year warranty Lyra Chrome basin mixer (Code: 034146) with a flowrate of 7,4 litres/minute @ 300KPa. • Mixer: Lyra Chrome basin mixer (Code: 034146) • Material: DZR (dezincification resistant brass) Brass • Finish: Chrome • Flow rate: 7,4 litres/minute @ 300KPa.	No	11		
25	Two "Cobra Watertech" – 15mm CP elbow "medical" action pillar taps (Code:505-21)	No	2		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
26	Plumline 10-year warranty Moderna Chrome deck type sink mixer (Code: 038732) with a flowrate of 17,8 litres/minute @ 300KPa. • Mixer: Moderna Chrome deck type sink mixer (Code: 038732) • Material: DZR (dezincification resistant brass) Brass • Finish: Chrome • Flow rate: 17,8 litres/minute @ 300KPa.	No	2		
27	FJ2.100 Flushmaster toilet flush valve	No	15		
28	PB 1.10 RB Vacuum breakers	No	15		
29	PA 1.1RB Approved 400 kPa pressure reducing valve	No	20		
30	KF3.402 Approved toilet flush valve	No	15		
	SANITARY PLUMBING				
	uPVC pipes				
31	50mm Pipes	m	75		
32	110mm Pipes	m	60		
	Extra over uPVC pipes for fittings				
33	50mm Access bend	No	20		
34	50 mm Access junction	No	20		
35	50 mm Access reducing junction	No	20		
36	50 mm Stub stack with one 50mm junction	No	20		
37	50mm Vent valve	No	25		
38	110mm Pan connector	No	18		
39	110 mm Bend	No	30		
40	110 mm Access bend	No	15		
41	110 mm Access junction	No	10		
42	110 mm Access reducing junction	No	12		
43	110mm Vent valve	No	18		
44	100 x 100 x 50mm Access reducing junction	No	20		
	WATER SUPPLIES				
	Class "O" copper pipes				
45	15mm Pipes	m	80		
46	15mm Pipes in wall	m	60		
47	22mm Pipes	m	45		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
48	22mm Pipes in wall	m	45		
49	28mm Pipes	m	30		
	Extra over class "O" copper pipes for capillary fittings				
50	15mm Fittings	No	32		
51	22mm Fittings	No	30		
52	28mm Fittings	No	25		
	TESTING, ETC.				
53	Provide all necessary apparatus, water, etc for and test the whole of the Sanitary Plumbing and Water Supply installation to the satisfaction of the Project Manager, replace any defective work free of charge and leave perfect	Item	1		
	FIRE APPLIANCES ETC				
	"Chubb"				
54	4,5kg Carbon dioxide fire extinguisher	no	3		
55	"Everyway" hose reel complete with 30m plastic hose, chromium plated stopcock, shut-off nozzle and wall bracket	no	3		
	Carried to Summary				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 2				
	ADMIN BLOCK				
	BILL NO. 13				
	GLAZING				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	SUPPLEMENTARY PREAMBLES				
	Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior approval from the Principal Agent.				
	TOPS, SHELVES, DOORS, MIRRORS, ETC				
	4mm Silvered float glass copper backed mirrors with polished edges holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete				
1	450 x 600 x 6mm mirror fixed with 4 dome screws.	No	8		
2	300 x 450mm stainless steel mirror screwed to wall.	No	2		
	Carried to Summary				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 2				
	ADMIN BLOCK				
	BILL NO. 14				
	PAINTWORK				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	SUPPLEMENTARY PREAMBLES				
	Adjoining paint surfaces: The contractor is to take into consideration that the paintwork to the external facade will be applied to different textures as well as differ in paint specification and colour adjoining each other. No claims whatsoever for cost or time extension will be entertained for the above-mentioned. Quality monitoring of paint surfaces: The contractor needs to allow for quality checks of all primer coats by an approved authority (for example Qualitec) prior commencement of final coats. No claims whatsoever for cost or time extension will be entertained for the above-mentioned				
	PREPARATORY WORK TO EXISTING WORK				
	Previously painted plastered surfaces				
	Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth				
	Previously painted metal surfaces				
	Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal				
	Roof Surfaces shall be thoroughly sanded, pressure washed, rust treated and re-sealed before being painted.				
	Previously painted wood surfaces				
	Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth				
	PAINTWORK, ETC TO NEW WORK ON:				
	FLOATED PLASTER SURFACES WITH				
	One coat primer, one coat undercoat and two coats Plascon Professional Elastoshield on				
1	External walls	m2	318		
2	Narrow widths	m2	24		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	One coat primer, one coat undercoat and two coats Plascon Cashmere paint on				
3	Internal walls	m2	1,853		
4	Narrow widths	m2	531		
	SMOOTH CONCRETE SURFACES WITH				
	One coat primer, one coat undercoat and two coats acrylic PVA paint on				
5	Ceilings and beams	m2	43		
	PLASTER BOARD SURFACES WITH				
	Apply one coat primer, one coat undercoat and two coats acrylic PVA.				
6	Ceilings including cornices.	m2	38		
	FIBRE-CEMENT SURFACES WITH				
	Apply one coat primer, one coat undercoat and two coats acrylic PVA.				
7	Window sills	m	78		
8	Fascias and barge boards	m	232		
	METAL SURFACES WITH				
	Prepare surfaces, Apply one coat metal primer, one coat universal undercoat and two coats universal enamel paint on				
9	On gates, grilles, burglar screens, balustrades, etc (both sides measured over the full flat area)	m2	39		
10	Door frames	m2	32		
	WOOD SURFACES WITH				
	One coat oil wood primer, one coat universal undercoat and two coats super universal enamel paint on				
11	Doors	m2	66		
	Carried to Summary				R -

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 2				
	ADMIN BLOCK				
	BILL NO. 15				
	PROVISIONAL SUMS				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	CARPENTRY AND JOINERY				
7	Allow a provisional sum of 1 850 000 (One Million Eight Hundred and Fifty Thousand Rand) for the supply and installation of all joinery fittings.	Item	1	R 1,850,000.00	R 1,850,000.00
8	Allow for attendance	%			
9	Allow for profit	%			
	PLAY EQUIPMENT				
10	Allow a provisional sum of R135 000.00 (Sixty Thousand Rand) for the supply and installation play equipments for the children	Item	1	R 135,000.00	R 135,000.00
11	Allow for attendance	%			
12	Allow for profit	%			
	Carried to Summary				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 3				
	GUARDHOUSE				
	BILL NO. 1				
	EARTHWORKS (PROVISIONAL)				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	SUPPLEMENTARY PREAMBLES				
	Nature of ground				
	Descriptions of excavations shall be deemed to include all ground conditions classifiable as "earth", and where conditions of a more difficult character are indicated, these are separately measured.				
	Carting away of excavated material				
	Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site				
	Soil poisoning and insecticide:				
	All soil poisoning and insecticide to be applied under a ten year guarantee by an approved firm of Specialists				
	All surfaces are to be inspected and approved by the Representative/Agent before any work is commenced with				
	SITE CLEARANCE ETC				
	Site clearance				
1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs, bush, etc and trees not exceeding 200mm girth	m^2	100		
2	Stripping average 100mm thick layer of top soil and stockpiling on site	m^2	100		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	REMOVAL OF TREES ETC				
	Taking out and removing, grubbing up roots and filling in holes				
3	Tree stump exceeding 200mm and not exceeding 500mm girth	no	3		
4	Tree stump exceeding 500mm and not exceeding 1000mm girth	no	2		
	EXCAVATION, FILLING, ETC				
	Open face excavation in earth				
	Excavation in earth not exceeding 2m deep				
5	To reduce levels to final levels etc.	m^3	18		
	Excavation in earth not exceeding 2m deep				
6	Trenches	m^3	37		
7	Holes	m^3	12		
	Extra over trench and hole excavations in earth for excavation in				
8	Soft rock	m^3	7		
9	Hard rock	m^3	3		
	Extra over all excavations for carting away				
10	Surplus material from excavations on site to a dumping site to be located by the contractor	m^3	56		
	Risk of collapse of excavations				
11	Sides of trench and hole excavations not exceeding 1,5m deep	m^2	139		
	Keeping excavations free of water				
12	Keeping excavations free of all water other than subterranean water	Item	1		
	FILLING ETC				
	Earth filling obtained from the excavations and/or prescribed stockpiles on site, compacted to 93% MOD AASHTO density at 2% of optimum moisture content.				
13	Under floors, steps, pavings, etc	m^3	6		
14	Backfilling to trenches, holes, etc	m^3	5		
	Earth filling G5 Material supplied by the contractor compacted to 95% Mod AASHTO density				
15	Under floors, steps, pavings, etc	m^3	12		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
16	Backfilling to trenches, holes, etc	m^3	29		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	Compaction of surfaces				
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 95% ModAASHTO density	m^2	39		
18	Compaction of ground surface to bottom of trenches and bases, etc. including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 95% Mod AASHTO density	m^2	36		
	SOIL POISONING				
	Soil insecticide				
19	Under floors etc. including forming and poisoning shallow furrows against foundation walls etc., filling in furrows and ramming	m^2	67		
20	To bottoms and sides of trenches etc.	m^2	175		
	Carried to Summary				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 3				
	GUARDHOUSE				
	BILL NO. 2				
	CONCRETE, FORMWORK AND REINFORCEMENT				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES				
	15MPa/19mm concrete				
1	Surface blinding under footings and bases	m^3	2		
	REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES				
	25MPa/20mm concrete				
2	Strip footings	m^3	7		
3	Columns bases	m^3	2		
	REINFORCED CONCRETE				
	25MPa/20mm concrete				
4	Surface beds on waterproofing	m^3	7		
5	Stub columns	m^3	1		
6	Apron with v-channel edging	m^3	2		
	TEST CUBES				
7	Making and testing 150 x 150 x 150mm concrete strength test cube. (Provisional)	No	5		
	CONCRETE SUNDRIES				
	Finishing top surfaces of concrete smooth with a power float				
8	Surface beds, slabs, etc	m^2	39		
	Finishing top surfaces of concrete smooth with a wood float				
9	Apron slab	m^2	20		
	MOVEMENT JOINTS ETC				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	Expansion joints with softboard between vertical concrete and brick surfaces				
10	10mm Thick isolation joints filled with 10mm deep polyurethane sealing in widths not exceeding 300mm along edges of surface beds	m	47		
	10 x 20mm In saw cut joints in floors filled with polyurethane sealing compound including backing cord, bond breaker, primer, etc				
11	In concrete floors	m	12		
	ROUGH FORMWORK				
	Rough formwork to sides				
12	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	20		
	REINFORCEMENT (PROVISIONAL)				
	High tensile steel reinforcement to structural concrete work				
13	Various Bars	ton	1.30		
	Fabric reinforcement				
14	Type 193 fabric reinforcement in aprons, etc. with 300mm wide side and end laps (measured net)	m^2	59		
	Carried to Summary				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 3				
	GUARDHOUSE				
	BILL NO. 3				
	MASONRY				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	SUPPLEMENTARY PREAMBLES				
	Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick the width of the brick				
	Face bricks				
	Bricks shall be ordered timeously to obtain uniformity in size and colour				
	Pointing				
	Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc.				
	Reinforced brick lintels				
	Lintels shall bear at least 160mm onto adjacent walling. Where such bearing cannot be obtained due to the proximity of adjacent openings the lintel shall be continuous				
	BRICKWORK				
	FOUNDATIONS (PROVISIONAL)				
	Brickwork of NFX bricks (14 MPa nominal compressive strength) in class II mortar				
1	One brick walls	m^2	31		
	SUPERSTRUCTURE				
	Brickwork of NFX bricks (14 MPa nominal compressive strength) in class II mortar				
2	Half brick walls	m^2	8		
3	One brick walls	m^2	111		
4	One brick walls in gable walls	m^2	3		
5	One brick walls in beamfilling	m^2	2		
	BRICKWORK SUNDRIES				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	Brickwork reinforcement				
6	75mm Wide reinforcement built in horizontally	m	32		
7	150mm Wide reinforcement built in horizontally	m	588		
	Prestressed fabricated concrete lintels including necessary temporary supports				
8	110 x 70mm Lintels in lengths not exceeding 3m	m	39		
9	110 x 70mm Lintels in lengths exceeding 3m and not exceeding 4,5m	m	8		
	Galvanised hoop iron cramps, ties, etc				
10	30 x 1,6mm Roof tie 1,5m long with one end fixed to timber and other end built into brickwork	No	60		
	Turning pieces				
11	230mm Wide turning pieces to lintels etc	m	15		
	FACE BRICKWORK				
	Terracotta Sarin FBS or similar approved face bricks(P.C R10500.00/1000) in stretcher bond to receive 10mm wide x 6mm deep square recessed joints in both directions (horizontal and vertical).				
12	Extra over brickwork for face brickwork	m^2	62		
13	One brick walls in column	m^2	34		
	Brick-on-edge header course copings, sills, etc of external face bricks (PC Amount R 10500/1000) pointed with recessed joints on all exposed faces				
14	180mm Wide sill set sloping and slightly projecting	m	6		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	NUTEC-CEMENT WINDOW SILLS				
	Natural grey sills in single lengths bedded in class I mortar, including metal fixing lugs etc				
15	150 x 15mm Wide sills set flat and slightly projecting	m	6		
	Carried to Summary				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 3				
	GUARDHOUSE				
	BILL NO. 4				
	WATERPROOFING				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	SUPPLEMENTARY PREAMBLES				
	Waterproofing of roofs, basements, etc. shall be laid under a ten year guarantee. Waterproofing to roofs shall be laid to even falls to outlets etc. with necessary ridges, hips and valleys. Descriptions of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turn-downs.				
	All the components to be cleaned and surveyed for defects and cracks, etc. before the application /installation of any form of water proofing.				
	DAMPPROOFING OF WALLS AND FLOORS				
	One layer of 375 Micron Consol Plastics Brikgrip DPC embossed damp proof course				
1	In walls	m^2	8		
	One layer of 250 Micron "Plastall Gunplas USB Green" waterproof sheeting Type C, sealed at laps with "Gunplas Pressure Sensitive Tape"				
2	Under surface beds	m^2	39		
3	Under apron slab	m^2	20		
	JOINT SEALANTS ETC				
	"Compriband" bitumen impregnated foam plastic joint sealing strips				
4	25 x 20mm In joints between frames and walls	m	49		
	Carried to Summary				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 3				
	GUARDHOUSE				
	BILL NO. 5				
	ROOF COVERING AND CLADDING ETC				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	PROFILED METAL SHEETING AND ACCESSORIES				
	0,58mm thick 700mm cover Saflok 700® Dove Grey CHROMADEK PLUS® interlocking roof covering, fixed to timber purlins at 2200mm centres and end-span purlins at 2000mm centres (final spacing to be calculated by an engineer) using SL 700® Clip 21 clips secured to purlins with Fixtite® or approved wafer head self-tapping fasteners with roof insulation, all in accordance with the manufacturer`s recommendations. • Installation region: inland • Atmospheric corrosion category: C3.				
1	Roof coverings with pitches not exceeding 25 degrees	m2	111		
2	Gable trim 385mm girth	m	30		
	ROOF AND WALL INSULATION				
	"Alucushion" insulation aluminium foil faced on one side and white faced on other side				
3	Insulation laid taut over purlins (at approximately 1,1m centres) and fixed concurrent with roof covering, including white plastic coated straining wires (Measured flat on plan)	m2	111		
	Carried to Summary				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 3				
	GUARDHOUSE				
	BILL NO. 6				
	CARPENTRY AND JOINERY				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	SUPPLEMENTARY PREAMBLES				
	Fixing				
	Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete				
	Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as "bolted", the bolts have been given elsewhere				
	Joinery				
	Descriptions of frames shall be deemed to include frames, transoms, rails, etc.				
	Descriptions of hardwood joinery shall be deemed to include sinking and pelleting heads and nuts of bolts				
	Decorative thermosetting plastic laminate covering				
	Laminate covering shall be glued under pressure and edge strips of same shall be butt jointed at junctions with adjacent similar finish				
	ROOFS, ETC				
	Plate nailed timber roof truss construction				
1	Roof construction to mono pitch truss construction size 5 960 x 8 165 mm overall on plan with 800mm eaves overhang projecting on one side, including all necessary runners, bracing and cross bracing (purlins and wall plates elsewhere)	No	1		
	Sawn softwood				
2	38 x 114mm Wall plates	m	30		
3	50 x 76mm Purlins	m	59		
	Sundries				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
4	Two coats creosote on sawn timbers	m2	59		
	EAVES, VERGES, ETC				
	Everite medium density plain nutec-cement				
5	12 x 225mm Fascias and barge boards, including aluminium H-profile jointing strips	m	51		
	DOORS, ETC				
	Solid flush doors with commercial veneer on both sides hung to steel frames (measured elsewhere)				
6	40mm thick door 830mm x 2032mm (D30)	No	1		
7	40mm thick door 830mm x 2032mm (D32)	No	1		
	Semi-solid flush doors with commercial veneer on both sides hung to steel frames (measured elsewhere)				
8	40mm thick door 830mm x 2032mm (D31)	No	1		
	Carried to Summary				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 3				
	GUARDHOUSE				
	BILL NO. 7				
	CEILINGS AND PARTITIONS				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	SUPPLEMENTARY PREAMBLES				
	Fixing				
	Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete				
	Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as "bolted", the bolts have been given elsewhere				
	Ceilings				
	Unless otherwise described ceilings shall be deemed to be horizontal				
	Steel components				
	All steel components for ceilings, partitions, etc. are to be galvanised in accordance with SANS 121				
	CEILINGS ETC				
	Sawn softwood				
1	38 x 114mm Ceiling joists (Provisional)	m	15		
	NAILED UP CEILINGS				
	6mm thick fibre cement ceiling boards with fixing accessories and fixed to 38 x 38mm SA pine brandering spaced at 300mm centres with ceiling screws. Provide H profile jointing strips and coved cornice.Finish off with plaster primer, undercoat and two coats "Plascon Kitchens and Bathrooms" (or equal and approved) premium quality water based enamel to manufacturers specifications. 135mm Aerolite (or similar approved) glass wool insulation above ceiling.				
2	Horizontal ceilings, including 38 x 38mm sawn softwood brandering at 320mm centres and cross brandering at 900mm centres	m2	15		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
3	Extra over ceiling for 610 x 610 x 10mm thick pressed steel trap door with white powder coated steel frame and lid hinge standard	No	1		
	"Rhino" gypsum plasterboard cornices				
4	19X50mm Meranti skirting fixed upside down against wall and finished with a 19mm quadrant	m	24		
	Gypsum ceiling panels face-covered with White embossed vinyl, size 1200 x 600 x 9mm thick, laid on fire rated S3 exposed demountable Butt-cut T24 suspension system, comprising galvanised main tees and cross tees with main tees suspended by means of galvanised hangers at centres not exceeding 1200mm with ceiling perimeter finished with Shadowline W-trim, plugged and screwed at 200mm centres, and all installed to manufacturer`s instructions.				
5	Horizontal ceilings, including 38 x 38mm sawn softwood brandering at 320mm centres and cross brandering at 900mm centres	m2	10		
6	Extra over ceiling for 610 x 610 x 10mm thick pressed steel trap door with white powder coated steel frame and lid hinge standard	No	1		
	INSULATION				
	"Aerolite" or other equal and approved insulation				
7	135mm Non-combustible lightweight fibreglass insulation blanket fitted between tie beam and laid loose on top of brandering	m2	25		
	Carried to Summary				
	SECTION NO. 3				
	GUARDHOUSE				
	BILL NO. 8				
	IRONMONGERY				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	SUPPLEMENTARY PREAMBLES				
	Finishes to ironmongery				
	Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list:				
	BS Satin bronze lacquered CH Chromium plated				
	SC Satin chromium plated				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SE Silver enamelled				
	GE Grey enamelled				
	AS Anodised silver				
	AB Anodised bronze				
	AG Anodised gold				
	ABL Anodised black				
	PB Polished brass				
	PL Polished and lacquered				
	PT Epoxy coated				
	SD Sanded				
	NP Nickle plated				
	LOCKS				
	"Union"				
1	CZ682-065C/26310-765C latchset	No	5		
2	51mm 3122-51 Padlock	No	2		
3	Security double throw dead lock with no latch	No	4		
4	3 Lever Upright mortice lock (union 2277) lockset and Satin chrome plated handles.	No	3		
	HINGES, BOLTS etc.				
	Solid				
5	2 x 100mm Galvanised and Welded Loose Pin Hinges	No	13		
6	WC indicator bolt	No	1		
	PUSH PLATES AND KICKING PLATES				
	1,2mm Satin finish stainless steel plates counter sunk screwed along edges at not exceeding 200mm centres				
7	813 x 200mm Kick plate	No	3		
	LETTERS, NAMEPLATES, ETC				
	Solid				
8	150 x 150mm IG4/5 anodised aluminium plate with male or female symbol	No	1		
	BATHROOM FITTINGS				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	Halcast				
9	"Franke" code: STRX 672 E18/10 stainless steel recessed single toilet roll holder with spindle system, 2 rolls.set seat and cover plate.	No	1		
10	Kimberly-Clark – TWINPAK soap dispenser" - Code: 925570, or similar approved, "white" soap dispenser, securely plugged to wall.The unit shall be supplied with "ANTIBACTERIAL CLEANSER (hand soap)" code: 925170Supplied with purpose made thermoset seat and cover plate.	No	1		
	SUNDRIES				
	Brass				
11	38mm Diameter rubber door stop	No	4		
	Carried to Summary				
	SECTION NO. 3				
	GUARDHOUSE				
	BILL NO. 9				
	STRUCTURAL STEELWORK				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	STEEL COLUMNS AND BEAMS				
	Welded columns in single lengths with flat section base, top, bearer and connection plates, bolted to concrete				
1	254 x 146 x 37kg/m I-Section column	ton	3.20		
	STEEL TRUSSES ETC				
	Welded roof trusses of angle rafters, tie beams, rails, struts, braces, cleats, etc and flat bearer, gusset and connection plates, bolted to steel				
2	100x100x2.5mm RHS rafters	ton	1.80		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
3	100 x 75 x 20 x 2.5mm CFLC Purlins	ton	2.50		
	Bolts to trusses, columns, purlins etc				
4	20mm Diameter L-shaped anchor bolt 600mm girth	No	60		
	Carried to Summary				
	SECTION NO. 3				
	GUARDHOUSE				
	BILL NO. 10				
	METALWORK				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	SUPPLEMENTARY PREAMBLES				
	Descriptions of bolts shall be deemed to include nuts and washers				
	Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete				
	Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described				
	STEEL SCREENS, GATES, ETC				
	Magnus grate gate or equal approved, 25X25X2mm RHS frame with 3No. Hinges, 8mm round bars, opening sizes 50/50.				
1	Single gate 900 x 2000mm (G03)	No	1		
	Square Tube hinge post with two hinges for each gate panel with clearvu mesh panels size 1000x2000mm each panel with aperture size center to centre 76.2x12.7mm				
2	Double gate 2074 x 2125mm (G04)	No	1		
	PRESSED STEEL DOOR FRAMES				
	1,6mm Single rebated frames suitable for one brick walls				
3	Frame for door overall size 813 x 2 032mm high (D30 & D32)	No	2		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	1,6mm Single rebated frames suitable for half brick walls				
4	Frame for door overall size 813 x 2 032mm high (D31)	No	1		
	ALUMINUM WINDOWS, DOORS, ETC				
	Purpose made normal strength aluminium epoxy powder coated window with standard aluminium panels glazed in 6.38mm **laminated clear glass** approved, including 10mm dia. round m/s bar brick design burglar guard				
5	Sliding aluminum window, size 1800 x 1190 (W57)	No	1		
6	Top hung aluminum window, size 1800 x 1190 (W58)	No	1		
	Purpose made normal strength aluminium epoxy powder coated window with standard aluminium panels glazed in 6.38mm **laminated frosted glass** approved, including 10mm dia. round m/s bar brick design burglar guard				
7	Top hung aluminum window, size 1000 x 900 (W55)	No	1		
	Purpose made normal strength aluminium epoxy powder coated window with standard aluminium panels glazed in 6.38mm **laminated tinted glass** approved, including 10mm dia. round m/s bar brick design burglar guard				
8	Side hung aluminum window, size 600 x 1020 (W56)	No	2		
	Carried to Summary				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 3				
	GUARDHOUSE				
	BILL NO. 11				
	PLASTERING				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	SCREEDS				
	1:4 Cement plaster screeds steel floated				
1	30mm Thick on floors and landings	m2	39		
	EPOXY SCREED				
	Concrete surface bed substrate with 30mm thick steel floated screed prepared for epoxy application. 6mm thick self levelling epoxy screed with aggregate scatter for slip resistant surface as supplied and installed by 'Flowcrete' (or equal approved) with 150mm coved skirting. All work to be done strictly as per manufacturers details and specifications.				
2	On floors	m2	15		
3	Skirtings 150mm high	m	29		
	INTERNAL PLASTER				
	Cement plaster on brickwork				
3	On walls	m2	117		
4	On narrow widths	m2	11		
	EXTERNAL PLASTER				
	Cement plaster on brickwork				
5	On walls	m2	27		
	CORNER PROTECTORS, DIVIDING STRIPS, ETC				
6	3 x 32mm Flat section brass dividing strips between different floor finishes	m	5		
	Carried to Summary				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 3				
	GUARDHOUSE				
	BILL NO. 12				
	TILING				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	SUPPLEMENTARY PREAMBLES				
	Descriptions				
	Unless described as "fixed with adhesive to plaster (plaster elsewhere)" descriptions of tiling on brick or concrete walls, columns, etc. shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors etc. shall be deemed to include 1:3 plaster bedding				
	WALL TILING				
	CERAMIC TILES: Tile Type E (To Architects approval)				
	300 x 600mm Union Tiles PRSL ceramic tiles (Code: 1PRSRLVBRROBLA30X60), fixed to internal wall plaster backing with TAL tile adhesive (elsewhere specified) mixed with TAL Bond® in lieu of water with joints continuous in both directions and grouted with TAL tile grout (elsewhere specified), excess grout on the surface to be cleaned with water as work proceeds.				
1	On walls	m2	14		
2	On walls in isolated panels, splashbacks, etc	m2	1		
3	On narrow widths	m2	2		
	FLOOR TILING				
	PORCELAIN TILES: Tile Type B (Internal Dry Areas) (To Architects approval)				
	600 x 600mm x 8mm thick Union Tiles porcelain tiles (Code: 1GRYNST200EA), OR EQUAL APPROVED, fixed to internal floor screed with TAL tile adhesive (elsewhere specified) with joints continuous in both directions and grouted with TAL tile grout (elsewhere specified), excess grout on the surface to be cleaned with water as work proceeds.				
4	On floors	m2	10		
5	75mm high tile skirting	m	12		
6	Installing kirk trim on walls and on top of skirting	m	12		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	PORCELAIN TILES: Tile Type C (Internal Wet Areas) (To Architects approval) 600 x 600mm x 8mm thick Union Tiles porcelain tiles (Code: 1GRYNST200EA), OR EQUAL APPROVED, fixed to internal floor screed with TAL tile adhesive (elsewhere specified) mixed with TAL Bond® in lieu of water with joints continuous in both directions and grouted with TAL tile grout (elsewhere specified), excess grout on the surface to be cleaned with water as work proceeds.				
7	On floors	m2	2		
8	150mm high tile skirting	m	6		
9	Installing kirk trim on walls and on top of skirting	m	6		
	Carried to Summary				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 3				
	GUARDHOUSE				
	BILL NO. 13				
	PLUMBING AND DRAINAGE				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	RAINWATER DISPOSAL				
	Ogee profile Colorbond pre-coated Zincalume seamless gutter, size 125 x 85 x 0,5mm thick in colour Armour Grey including matching rivet-fixed mitres and end caps internally sealed using Silicon Mastic, hung by nail fixed internal aluminium hangers at 800mm centres with rectangular fluted downpipes, size 75 x 50 x 0,5mm thick in colour Armour Grey fixed to walls with pre-painted downpipe cleats using nail-in anchor fixings.				
1	Seamless gutters size 125 x 85 x 0,5mm thick	m	11		
2	Extra over for stopped end	no	2		
3	Extra over for angle	no	2		
4	75 x 50 x 0,5mm Diameter rainwater downpipe fixed to walls	m	7		
5	Extra over for bend	no	4		
6	Extra over for shoe	no	2		
7	Extra over for eaves or plinth offset	no	2		
	SANITARY FITTINGS				
	VAAL or Equally Approved				
	Vanity Basin				
8	VAAL" white ceramic drop-in wash hand basin.Fitted onto 75mm Granite vanity slab finished with ceramic tiles as per Details.Seal vanity slab all round with white universal silicon "Cobra Watertech (code: 214) – 15 mm "Carina" pillar taps with red and blue insets.15mm CP ballostops to be provided on cold and hot water supply.Complete all plumbing connections. Joint between basin and wall to be sealed with white silicone sealant.	no	1		
	Wash Basins				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
9	"VAAL " white ceramic fireclay 560x405mm rectangular Springbok basin with two tap holes). To be fixed to wall as per manufacturer's specifications, complete with CP waste connection, CP "Cobra" bottle trap, plug and chain, etc."Cobra Watertech (code 214) – 15mm "Carina" pillar taps with red and blue insets.15mm CP ballostops to be provided on cold and hot water supply.Complete all plumbing connections. Joint between basin and wall to be sealed with white silicone sealant.	No	1		
	WC				
10	"VAAL S" white vitreous china "Protea Din 90° outlet, wash down pan (Code 750611)and matching cistern complete with lid, fitments and flush pipe elbow, as per manufacturer. Provide double flap heavy duty white painted wooden seat with chromium plated accessories.Fit pan onto concrete floor (not onto screed). Using 4:1 cement mortar mix.Complete all plumbing connections.Connect cistern with copper connector and 15mm CP ballostop to water supply Joint between WC pan and floor to be sealed with white silicone sealant.	no	1		
	WASTE UNIONS ETC				
11	Anti-theft plug for basin wastes, chrome-plated with 72mm spindle and spindle-locking tab, and 39mm diameter plug.	No	1		
	TRAPS ETC				
12	Bottle trap, 32 x 32mm	No	1		
	TAPS, VALVES, ETC				
	Cobra Watertech				
13	Plumline 10-year warranty Lyra Chrome basin mixer (Code: 034146) with a flowrate of 7,4 litres/minute @ 300KPa. • Mixer: Lyra Chrome basin mixer (Code: 034146) • Material: DZR (dezincification resistant brass) Brass • Finish: Chrome • Flow rate: 7,4 litres/minute @ 300KPa.	No	2		
	PIPEWORK, ETC				
	SANITARY PLUMBING				
	U-PVC				
14	110mm Pipes laid under concrete surface bed	m	25		
15	50mm pipes laid under concrete surface bed	m	18		
	Extra over U-PVC soil and vent pipes for fittings				
16	110mm End cap	No	4		
17	110mm Pan connector	No	5		
18	110mm 45 degree bend	No	4		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
19	110 x 50mm 45 degree reducing double branch/junction	No	4		
20	110mm Stubstack	No	3		
21	110mm Air vent cowl	No	4		
22	50mm 45 degree bend	No	6		
23	50mm Y junction	No	10		
24	110 x 110 x 50mm reducing tee	No	4		
	WATER SUPPLIES				
	Class (1) copper pipes with brass compression couplings				
	Class 1 copper pipes are recommended for high quality installations				
25	28mm diameter Pipes	m	12		
26	22mm diameter Pipes	m	6		
27	15mm diameter Pipes	m	5		
28	28mm diameter Pipes chased into brickwork including brown paper lagging	m	11		
29	22mm diameter Pipes chased into brickwork including brown paper lagging	m	10		
30	15mm diameter Pipes chased into brickwork including brown paper lagging	m	7		
	Extra over Class (1) copper pipes for capillary fittings				
31	28 x 28x22mm reducing tee	No	4		
32	28 mm equal tee	No	3		
33	28mm 90 degree elbow	No	2		
34	22mm 90 degree elbow	No	4		
35	22 x 22 x 15mm reducing tee	No	4		
36	28mm isolating valve and connection to civil services	No	1		
37	Isolation valves to WC complete	No	2		
	TESTING, ETC.				
38	Allow for the testing of the Plumbing work	Item	1		
	FIRE APPLIANCES ETC				
	"Chubb"				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
39	4,5kg Carbon dioxide fire extinguisher	no	1		
40	"Everyway" hose reel complete with 30m plastic hose, chromium plated stopcock, shut-off nozzle and wall bracket	no	1		
	Carried to Summary				
	SECTION NO. 3				
	GUARDHOUSE				
	BILL NO. 14				
	GLAZING				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	SUPPLEMENTARY PREAMBLES				
	Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior approval from the Principal Agent.				
	TOPS, SHELVES, DOORS, MIRRORS, ETC				
	4mm Silvered float glass copper backed mirrors with polished edges holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete				
1	450 x 600 x 6 mirror fixed with 4 dome screws.	No	1		
	Carried to Summary				

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	SECTION NO. 3				
	GUARDHOUSE				
	BILL NO. 14				
	PAINTWORK				
	NOTES				
	For preambles see "Model Preambles for Trades 2017"				
	SUPPLEMENTARY PREAMBLES				
	Adjoining paint surfaces: The contractor is to take into consideration that the paintwork to the external facade will be applied to different textures as well as differ in paint specification and colour adjoining each other. No claims whatsoever for cost or time extension will be entertained for the above-mentioned. Quality monitoring of paint surfaces: The contractor needs to allow for quality checks of all primer coats by an approved authority (for example Qualitec) prior commencement of final coats. No claims whatsoever for cost or time extension will be entertained for the above-mentioned				
	PREPARATORY WORK TO EXISTING WORK				
	Previously painted plastered surfaces				
	Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth				
	Previously painted metal surfaces				
	Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal				
	Roof Surfaces shall be thoroughly sanded, pressure washed, rust treated and re-sealed before being painted.				
	Previously painted wood surfaces				
	Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth				
	PAINTWORK, ETC TO NEW WORK ON:				
	FLOATED PLASTER SURFACES WITH				
	One coat primer, one coat undercoat and two coats Plascon Professional Elastoshield on				
1	External walls	m2	27		

Item No	DESCRIPTION	Unit	TENDER AMOUNT		
			Quantity	Rate	Amount
			A	B	C
	One coat primer, one coat undercoat and two coats Plascon Cashmere paint on				
2	Internal walls	m2	117		
3	Narrow widths	m2	11		
	PLASTER BOARD SURFACES WITH				
	Apply one coat primer, one coat undercoat and two coats acrylic PVA. Paint colour to PA's approval.				
4	Ceilings including cornices.	m2	27		
	FIBRE-CEMENT SURFACES WITH				
	Apply one coat primer, one coat undercoat and two coats acrylic PVA.				
5	Fascias and barge boards	m	51		
	METAL SURFACES WITH				
	Prepare surfaces, Apply one coat metal primer, one coat universal undercoat and two coats universal enamel paint on				
6	On gates, grilles, burglar screens, balustrades, etc (both sides measured over the full flat area)	m2	12		
7	Door frames	m2	5		
	WOOD SURFACES WITH				
	One coat oil wood primer, one coat universal undercoat and two coats super universal enamel paint on				
8	Doors	m2	12		
	Carried to Summary				

Item No	SANS PAYMENT REF	DESCRIPTION	Unit	TENDER AMOUNT		
				Quantity	Rate	Amount
				A	B	C
		SECTION NO. 4				
		EXTERNAL WORKS				
		BILL NO. 1				
		BOUNDARY WALL				
		NOTES				
		For preambles see "Model Preambles for Trades 2017"				
		SITE CLEARANCE ETC				
		Site clearance				
1		Digging up and removing rubbish, debris, vegetation, hedges, shrubs, bush, etc and trees not exceeding 200mm girth	m^2	1,440		
		EXCAVATION, FILLING, ETC				
		Excavation in earth not exceeding 2m deep				
2		Trenches	m^3	21		
		Extra over all excavations for carting away				
3		Surplus material from excavations on site to a dumping site to be located by the contractor	m^3	11		
		Risk of collapse of excavations				
4		Sides of trench and hole excavations not exceeding 1,5m deep	m^2	60		
		Keeping excavations free of water				
5		Keeping excavations free of all water other than subterranean water	Item	1		
		FILLING ETC				
		Earth filling obtained from the excavations and/or prescribed stockpiles on site, compacted to 93% Mod AASHTO density				
6		Backfilling to trenches, holes, etc	m^3	6		
		Earth filling G5 Material supplied by the contractor compacted to 93% Mod AASHTO				
7		Backfilling to trenches, holes, etc	m^3	6		
		Compaction of surfaces				
8		Compaction of ground surface to bottom of trenches and bases, etc. including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 95% Mod AASHTO density	m^2	14		
		SOIL POISONING				
		Soil insecticide				

Item No	SANS PAYMENT REF	DESCRIPTION	Unit	TENDER AMOUNT		
				Quantity	Rate	Amount
				A	B	C
9		To bottoms and sides of trenches etc.	m^2	74		
		UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES				
		15MPa/19mm concrete				
10		Surface blinding under footings and bases	m^3	1		
		REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES				
		25MPa/20mm concrete				
11		Strip footings	m^3	4		
		TEST CUBES				
12		Making and testing 150 x 150 x 150mm concrete strength test cube. (Provisional)	No	2		
		REINFORCEMENT (PROVISIONAL)				
		High tensile steel reinforcement to structural concrete work				
13		Various Bars	ton	0.08		
		BRICKWORK				
		FOUNDATIONS (PROVISIONAL)				
		Brickwork of NFX bricks (14 MPa nominal compressive strength) in class II mortar				
14		One brick walls	m^2	14		
		SUPERSTRUCTURE				
		FACE BRICKWORK				
		Terracotta Sarin FBS or similar approved face bricks(P.C R8500.00/1000) in stretcher bond to receive 10mm wide x 6mm deep square recessed joints in both directions (horizontal and vertical).				
15		One brick walls	m^2	60		
		BRICKWORK SUNDRIES				
		Brickwork reinforcement				
16		150mm Wide reinforcement built in horizontally	m	296		
		CONCRETE COPING				
		Precast concrete finished smooth on exposed surfaces, including bedding, jointing and pointing				
17		Copings on top of one brick walls	m	22		
		CLEARVU PERIMETER FENCING				

Item No	SANS PAYMENT REF	DESCRIPTION	Unit	TENDER AMOUNT		
				Quantity	Rate	Amount
				A	B	C
18		Clearvu Perimeter fence 3000mm high including posts and 15Mpa concrete footing in ground including excavation, ramming, removal of spoil and leaving clean and neat to (Installation to Manufacturers specifications)	m	549		
19		Clearvu Internal fence 2400mm high including posts and 15Mpa concrete footing in ground including excavation, ramming, removal of spoil and leaving clean and neat to (Installation to Manufacturers specifications)	m	140		
		Carried to Summary				
		SECTION NO. 4				
		EXTERNAL WORKS				
		BILL NO. 2				
		WALKWAY AND PAVED AREAS (PROVISIONAL)				
		NOTES				
		For preambles see "Model Preambles for Trades 2017"				
		SITE CLEARANCE ETC				
		Site clearance				
1		Digging up and removing rubbish, debris, vegetation, hedges, shrubs, bush, etc and trees not exceeding 200mm girth	m^2	1,200		
2		Stripping average 100mm thick layer of top soil and stockpiling on site	m^2	1,200		
		EXCAVATIONS				
		Excavation in earth not exceeding 2m deep				
3		Open excavation for paved walkways	m^3	600		
		Extra over trench and hole excavations in earth for excavation in				
4		Soft rock	m^3	60		
5		Hard rock	m^3	30		
		SUNDRIES				
		Extra over all excavations for carting away				
6		Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m^3	360		
		Risk of collapse of excavations				
7		Sides of trench and hole excavations not exceeding 1,5m deep	m^2	360		

Item No	SANS PAYMENT REF	DESCRIPTION	Unit	TENDER AMOUNT		
				Quantity	Rate	Amount
				A	B	C
		Keeping excavations free of water				
8		Keeping excavations free of water	Item	1		
		FILLING ETC				
		Earth filling obtained from the excavations and/or prescribed stockpiles on site, compacted to 90% Mod AASHTO density				
9		Under floors, steps, pavings, etc	m^3	180		
		Earth filling supplied by the contractor under pavings etc				
10		Earth filling supplied by the contractor, compacted to 93% Mod AASHTO density (G7 Base layer)	m^3	210		
11		Earth filling supplied by the contractor, compacted to 90% Mod AASHTO density (G7 Sub-base layer)	m^3	210		
		Compaction of surfaces				
12		Compaction of ground surface under pavings etc, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% ModAASHTO density	m^2	1200		
		Prescribed density tests on filling				
13		Modified AASHTO Density test	No	15		
		SOIL POISONING				
		Soil insecticide				
14		Under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m^2	1,200		
		PAVING				
		60mm Standard grey "Concor Double Zig-Zag" interlocking roadstone paving or equally approved (For low traffic-All inclusive trade) Including earthworks, 25mm thick river sand bed with sand swept into joints including preparation of ground or filling etc				
15		Paving to roads, parking areas, etc. to slight falls	m^2	782		
		Paving of 220 x 108.5 x 50mm thick "Corobrik Tuscan Blend" paving bricks with butt joints on 25mm thick river sand bed with sand and cement mixture swept into joints and hosed down including preparation of ground or filling				
16		Paving in herringboned bond pattern	m^2	418		
		Carried to Summary				

Item No	SANS PAYMENT REF	DESCRIPTION	Unit	TENDER AMOUNT		
				Quantity	Rate	Amount
				A	B	C
		SECTION NO. 4				
		EXTERNAL WORKS				
		BILL NO. 3				
	SANS 1200DB	**WATER RETICULATION**				
	8.3.2	**EXCAVATION**				
	8.3.2(a)	Excavate in all materials for trenches backfill, compact, and dispose of surplus/unsuitable material, for pipes: up to 200 mm in diameter for total trench depth: Exceeding but not exceeding				
1		0,0 m 1,0 m	m³	60		
2		1,0 m 2,0 m	m³	117		
3		2,0 m 3,0 m	m³	32		
	PSDB 8.3.2(b)	Extra-over item (a) above for:				
4		Intermediate Excavations	m³	15		
5		Hard Excavations	m³	15		
6		Rock Excavations	m³	8		
7		Hand excavation and backfill where ordered by the engineer	m³	10		
	SANS 1200 LB	**BEDDING (PIPES)**				
	8.2.2.3	Available from commercial source compacted to 90% MOD AASHTO density				
8		Selected fill material	m³	47		
9		Granular bedding	m³	31		
	8.2.2.4	Overhaul of material for bedding (Provisional) where ordered Extra-over items 8.2.2.3				
10		Selected granular material	m3.km	465		
11		Selected fill material	m3.km	705		
	SANS 1200L	**MEDIUM PRESSURE PIPELINES**				
	8.2.1	**Supply, Lay and Bed Pipes complete with couplings**				
		Supply, Lay, Joining, Bedding, Testing and Disinfection of mPVC Class 16 Pipes with the following diameters:				
12		110 mm	m	78		
		Supply, Lay, Joining, Bedding, Testing and Disinfection of mPVC Class 16 Pipes with the following diameters:				

Item No	SANS PAYMENT REF	DESCRIPTION	Unit	TENDER AMOUNT		
				Quantity	Rate	Amount
				A	B	C
		SECTION NO. 4				
		EXTERNAL WORK				
		BILL NO. 4				
	SANS 1200 LD	**SEWER RETICULATION**				
		EXCAVATIONS				
		Excavate in all materials for trenches, backfill & compact to 93% mod AASHTO				
		between and over pipes, including disposal of surplus material. For depths: For				
1		0.000m to 1.0m	m³	20.00		
2		1.001m to 1.5m	m³	70.00		
3		1.501m to 2.0m	m³	30.00		
4		2.001m to 2.5m	m³	25.00		
5		Import bedding and selected fill material from exc on site	m³	42.00		
	PSDB 8.3.2(b)	Extra-over item (a) above for:				
6		Intermediate Excavations	m³	18.0		
7		Hard Excavations	m³	10.0		
8		Rock Excavations	m³	10.0		
9		Hand excavation and backfill where ordered by the engineer	m³	15.0		
	SANS 1200 LB	**BEDDING (PIPES)**				
	8.2.2.3	Available from commercial source compacted to 90% MOD AASHTO density				
10		Selected fill material	m³	42.0		
11		Granular bedding	m³	28.0		
	8.2.2.4	Overhaul of material for bedding (Provisional) where ordered Extra-over items 8.2.2.3				
12		Selected granular material	m³.km	420.0		
13		Selected fill material	m³.km	630.00		
		SEWER PIPEWORK				
	8.2.1	Supply mains pipe, bed, lay, joint, supply bedding class B and fill blanket, test pipes with joints				
14		110 mm dia uPVC class 16 sewer pipe	m	90.00		
15		160 mm dia uPVC class 16 sewer pipe	m	45.00		

Item No	SANS PAYMENT REF	DESCRIPTION	Unit	TENDER AMOUNT		
				Quantity	Rate	Amount
				A	B	C
	8.2.2	Extra-Over item 8.2.1 for supplying PVC arginet SABS 87.5 Degree sv Inspection eye				
16		Inspection eye	No	7		
	8.2.3	**MANHOLES**				
		Complete with heavy duty concrete type cover with metal lip ring and frame - 1000mm Dia				
17		1.0m to 1.5m dia 1.05m	No	1.0		
18		1.5m to 2.0m dia 1.05m	No	4.0		
19		2.0m to 2.5m dia 1.05m	No	3.0		
20		2.5m to 3.0m dia 1.05m	No	1.0		
Carried to Summary						

Item No	SANS PAYMENT REF	DESCRIPTION	Unit	TENDER AMOUNT Quantity	Rate	Amount
				A	B	C
		§§ **SECTION NO. 4** **EXTERNAL WORKS** **BILL NO. 5** **PROVISIONAL SUMS** **NOTES** For preambles see "Model Preambles for Trades 2017" **LANDSCAPING**				
1		Allow a provisional sum of R200 000 (Two Hundred Thousand Rand) for the supply and installation of vegetation to indicated garden areas	Item	1	R 200,000.00	R 200,000.00
2		Allow for attendance	%			
3		Allow for profit	%			
		BOREHOLE DRILLING AND EQUIPPING				
4		Allow a provisional sum of R425 000 (Four Hundred And Twenty Five Thousand Rand) for the borehole drilling and equipping including the supply and installation of 11Kl Elevated water Tank complete.	Item	1	R 425,000.00	R 425,000.00
5		Allow for attendance	%			
6		Allow for profit	%			
		CARPORT AND BICYCLE RACKS				
7		Allow a provisional sum of R150 000 (One Hundred and Fifty Thousand Rand) for the supply and erection of Carport and bicycle racks	Item	1	R 150,000.00	R 150,000.00
8		Allow for attendance	%			
9		Allow for profit	%			
		VEHICULAR SLIDING GATE				
10		Allow a provisional sum of R50 000 (Fifty Thousand Rand) for the supply and installation of a vehicular sliding gate	Item	1	R 50,000.00	R 50,000.00
11		Allow for attendance	%			
12		Allow for profit	%			
		LIBRARY ENTRANCE SIGNAGE				
13		Allow a provisional sum of R100 000 (One Hundred Thousand Rand) for the supply and erection of the Library Entrance Wall Signage	Item	1	R 100,000.00	R 100,000.00

Item No	SANS PAYMENT REF	DESCRIPTION	Unit	TENDER AMOUNT		
				Quantity	Rate	Amount
				A	B	C
14		Allow for attendance	%			
15		Allow for profit	%			
		Carried to Summary				

MATLOSANA COMMUNITY LIBRARY

SUMMARY OF TENDER

SCHED No.	DESCRIPTION	Amount
A	B	C
Section 1	**PRELIMINARY & GENERAL**	
Bill No. 1	Fixed charge items	
Bill No. 2	Time related items	
Bill No. 3	Value related items	
Section 2	**LIBRARY**	
Bill No. 1	Earthworks	
Bill No. 2	Concrete, Formwork and Reinforcement	
Bill No. 3	Masonry	
Bill No. 4	Waterproofing	
Bill No. 5	Roof covering and Cladding ETC	
Bill No. 6	Carpentry and Joinery	
Bill No. 7	Ceilings and Partitions	
Bill No. 8	Floor Coverings	
Bill No. 9	Ironmongery	
Bill No. 11	Metalwork	
Bill No. 12	Plastering	
Bill No. 13	Tiling	
Bill No. 14	Plumbing and Drainage	
Bill No. 15	Glazing	
Bill No. 16	Paint work	
Bill No. 17	Provisional Sums	
Section 3	**GUARDHOUSE**	
Bill No. 1	Earthworks	
Bill No. 2	Concrete, Formwork and Reinforcement	
Bill No. 3	Masonry	
Bill No. 4	Waterproofing	
Bill No. 5	Roof covering and Cladding ETC	
Bill No. 6	Carpentry and Joinery	
Bill No. 7	Ceilings and Partitions	
Bill No. 8	Ironmongery	
Bill No. 9	Structural Steelwork	
Bill No. 10	Metalwork	
Bill No. 11	Plastering	
Bill No. 12	Tiling	
Bill No. 13	Plumbing and Drainage	
Bill No. 14	Glazing	
Bill No. 15	Paint work	
Bill No. 16	Provisional Sums	
Section 4	**EXTERNAL WORKS**	

Bill No. 1	Boundary Wall	
Bill No. 2	Walkway and Paved Areas	
Bill No. 3	Water Reticulation	
Bill No. 4	Sewer Reticulation	
Bill No. 5	Provisional Sums	
	SUB-TOTAL	

PAGE 1	Proposed Matlosana Community Library				
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	MECHANICAL INSTALLATION(HVAC)				
1.1	AIRCONDITIONING SYSTEM - INSTALLATION				
	Supply, delivery, installation, commissioning and 12 Months maintenance of the following Mechanical equipment as shown on the tender drawings:The Contractor shall supply, install, and commission according to tender drawing.The rates shall include labour, all mounting and accessories, including connection to the point of supply.Guarantee and maintenance of efficient and safe working of the installation for 12 months after hand over of the completed building to the client. A CoC for electrical installation is to be provided as per SANS 347 And CoC for all HVAC installed equipment as per SANS 347				
1.2	**Ground Floor**				
1.2.1	Complete 2.2 kW DFXFQ-B - Midwall unit(1 Phase) Inverter Air Conditioner Split unit connected (840 x 204 x 840)	no	2		
1.2.1	Complete 9.2 kW DFXFQ-B - Round Flow Round flow cassette (1 Phase) Inverter Air Conditioner Split unit connected to the heatpump outdoor condenser unit (840 x 204 x 840)	no	6		
1.2.2	Complete 7.2 kW FXFQ-B - Round Flow Round flow cassettet (1 Phase) Inverter Air Conditioner Split unit connected to the heatpump outdoor condenser unit(840 x 204 x 840)	no	2		
1.2.3	Complete 2.2 kW FXFQ-B - Round Flow Round flow cassette (1 Phase) Inverter Air Conditioner Split unit connected to the heatpump outdoor condenser unit(840 x 204 x 840)	no	1		
1.2.4	Complete 4,5 kW FXFQ-B - Round Flow Round flow cassette(1 Phase) Inverter Air Conditioner Split unit connected to the heatpump outdoor condenser unit(840 x 204 x 840)	no	1		
1.2.7	Complete Inline Silent type Axial flow fan 500l/s , Silent type Extractor fan serving the new recording space with all accessories including 2 x 1,5D sound attanuators	no	3		
	Sub Total Airconditioning Equipment				
1.3	**Solid duct work and Terminals(Complete Air grilles, Slot diffusers)(of galvanised sheet metal material with internal insulation)**				
1.3.1	Duct of ф 100	m	60		
1.3.2	Duct of ф 150	m	40		
1.3.3	Duct of ф 300	m	45		
1.3.4	Return fresh Air grille 600 x 1200	no	16		
1.3.5	Flexible Duct of ф 150 with insulation	m	200		
1.3.6	Complete Supply Sound attanuator 20NC	no	2		
1.3.7	Complete Decorative flush mounted Ceiling air supply diffuser with plenum and adjustable damper blade (30-200l/s) of round. The plenum box supplied with side entry spigot and volume control damper and/or lip seal.	no	24		
1.3.8	Complete airflow damper,with adjustable damper blade.	no	8		
1.3.9	Complete Fire damper 150mm Diameter with fusible link	no	1		
1.3.10	Drip tray	no	12		

1.3.11	Louvers	sum	1		
1.3.12	Duct hangers	sum	1		
	Sub Total Duct make up Systems				
1.4	COPPER PIPING COMPLETE WITH INSULATION WITH ALL ACCESSORIES				
	All pipes to run into existing holes as core drilling won't be accepted.				
1.4.1	Pipe ф 6.4	m	80		
1.4.2	Pipe ф 9,5	m	80		
1.4.3	Pipe ф 12.7	m	80		
1.4.5	Draining pipe ф 25	m	60		
1.4.6	Draining pipe ф 50	m	60		
1.4.7	Extra over for above refrigerant pipe fittings	lot	1		
1.4.8	New equipment labeling	lot	1		
	Sub Total Air Conditioning units and Refrigerant piping carried to Summary				
	Sub Total HVAC System				
1.5	**Electrical works associated with Above Mechanical installations**				
1.5.1	Cabling and electrical reticulation provision from source of power to plant DB including all accessories, this is only the connecting of mechanical equipment to dedicated provided power connecting point ,	lot	1		
	Sub Total Electrical amount				
1.6	**Builder works associated with Above Mechanical installations**				
1.6.1	Provision for the opening in ceiling and sealing of all holes	lot	1		
	Sub Total Electrical amount				
	Total HVAC amount carried to tender amount				

PAGE 2	Proposed Matlosana Community Library Fire Protection Installation				
Item	Description	Unit	Qty	Rate(.R)	Total
1	**FIRE FIGHTING EQUIPMENT**				
	Supply and install Fire fighting equipment complete with all piping, supports, hangers, couplings etc. Supply, Install, test, commission and hand over of complete Hydrant and Hose Reel System as shown on the relevent drawings . Supply & Install Fire Hose Reels (30m long) c/w chromium plated 25mm valve, pressure guage & cock, fittings, fixings, etc. Supply and Install Portable Fire Extinguishers c/w mounting brackets fixed inside cabinets, signage and surface mounted where required mounted inside cabinets. Supply and install all statutory signs on chromadek or similar complete with hangers, supports etc.SABS Approved				
2	**FIRE HOSE REEL**				
	30 m long SABS approved type , 30m long) c/w chromium plated 25mm valve, pressure guage & cock, fittings, fixings, surface mounted where required or mounted inside cabinets(To the architect requirement BUT must be easily accessible)	no	1		
3	**CONDUIT PIPE**				
	COMPLETE PIPING AND INSTALLATION ACCESSORIES				
3.1	Pipe, med m/s 25mm	m	60		
3.2	Pipe, med m/s 50mm	m	60		
3.3	Painting 50mm pipe, as per specification	m	10		
4	**FIRE EXTINGUISHERS**				
	5 kgs capacity fire extinguisher, made of high pressure steel				
	with wheel type valve and one meter long braided high pressure discharge				
	hose which should have a minimum of bursting pressure of 140 kg/Sq.cm and fitted with ABS discharge born and				
	handles (non-conductor), complete with bracket and steel handle on the body fully				
	charged with ISI certification mark IS:2878/1976.				
	Supply and install in position approved make Dry Chemical				
	Powder Fire Extinguisher of 4,5 Kgs capacity complete with chromium plated gun				
	metal union (cap), fitted with braided				
4.1	4.5kg DCP fire extinguisher	no	14		
4.2	2kg CO2 fire extinguisher	no	2		
	SUB TOTAL 3				
	Sub Total fire equipment				
5	**FIRE STOPPING ELEMENT**				
	The Contractor shall supply, install, all fire stopping materials according to the site reality.The rates shall include labour, application of products, all mounting and accessories, including fire test results and certification of product used.				
	The fire stopping specialist, fire stopping applicator and or fire stopping contractor shall provide certification for the fire stopping system used in its intended application and all of which shall comply with SANS10400:T- 2020 and the fire engineer's (author of this document) requirements. All vertical service ,ducts, shafts to be fire stopped to 120 minutes fire resistance. All horizontal to be on not less than 60 minutes Fire resistant. The penetration seal of preference is the **Fischer, Abesco** Panel Seal or equivalent.				
5.1	All openings on ground floor shall be protected with fire rated fire stopping to the appropriate fire rating, stability and structural integrity required by SANS 10400: T-2020 and required by this document.Clause 4.26 of SANS 10400-T to be considered.	m	40		
5.2	All wall separating element between two spaces and erected up until underside the roof or slab must be sealed accordingly in such a way that no tranfer of smoke or fire can be possible between the two separated spaces.	m	50		
5.3	All new ducts penetration, crossing of cables must be closed with adequate fire rated foam of not less resistance that the element its applied on.	m	6		
	Sub Total Fire stopping element				
6	**FIRE SIGNAGE**				
	Supply and installation of aluminium framed SABS 1186 approved photoluminescent type signage, incl. fixing, as detailed below: Photoluminescent Symbolic signs, indicating fire equipment, escape route, to be provided and comply with SANS 1186 Part 1 and 5, as per SANS 10400-T, Clause 4.32				
6.1	All fire Signages(photoluminescent and screw type mounting (SABS approved)	sum	1		
	Sub Total Fire Signage				

	Total FIRE INSTALLATION amount carried to Summary	

PAGE 3	Preliminary & Generals				
Item	Description	Unit	Qty	Rate(.R)	Total
3.1	**General Items**				
3.1.1	O&M manuals with Complete as built drawings	no	2		
3.1.2	12 Months maintenance & Guarantee for all fire installation and equipment	Sum	12		
3.1.3	Commissioning and complete Fire installation testing and handover of the works. System Commisioning / Programming and Handover Training	Sum	1		
3.1.4	Commissioning and complete HVAC installation, balancing , testing and handover of the works, System Commisioning / Programming and Handover Training	Sum	1		
3.1.5	Smoke detection System SANS System Design and Certification	Sum	1		
	Kitchen Canopy	Sum	1		
	Provision for Complete LPG manifold Installation	Sum	1		
	Grand Total carried to Summary				

Page 4	**Complete Proposed Matlosana Community Library**	
PAGE	**Description**	**Summary Amount**
1	**HVAC installation**	
2	**Fire Protection installation**	
3	**General Items**	
4	**Mechanical Installation Proposed Matlosana Community Library**	

PART B:

BILLS OF QUANTITIES & SPECIFICATION

FOR

ELECTRICAL AND ELECTRONIC INSTALLATIONS

AT

MATLOSANA COMMUNITY LIBRARY

MAY 2026

INDEX

SECTION 1: ELECTRICAL INSTALLATIONS

PART 1: GENERAL SPECIFICATIONS **

PART 2: ELECTRICAL INSTALLATION DETAILS: Power Available On Site

PART 3: QUALITY SPECIFICATIONS FOR MATERIALS AND EQUIPMENT OF ELECTRICAL INSTALLATIONS **

SECTION 2: SOLAR SYSTEM

PART 4: SOLAR SYSTEM *

SECTION 3: SCHEDULE OF MATERIALS, BILLS OF QUANTITIES AND DRAWINGS

PART 5: SCHEDULE OF MATERIALS

PART 6: BILLS OF QUANTITIES & DRAWINGS

SANS - Standard Specifications*

SANS 10142 - WIRING Codes for Electrical Installations of Premises*

Department of Public Works – Standard Electrical Specifications **

OW 371 - Specification of Materials and Methods to be used **

* Not issued with this document, but available at the Contractor's expense from the SA Bureau of Standards, Private Bag X191, PRETORIA, 0001.

** Not issued with this document but available from the Department of Public Works (www.publicworks.gov.za).

PART 5: ELECTRICAL WORK MATERIAL SCHEDULE

The Contractor shall complete the following schedules and submit them to the Representative/Agent within 21 days of the date of the acceptance of the tender.

The schedules will be scrutinised by the Representative/Agent and should any material offered not comply with the requirements contained in the specification, the Contractor will be required to supply material in accordance with the contract at no additional cost.

NB: **Only one manufacturer's name to be inserted for each item.**

Item	Material	Make or trade name	Country of origin
1.	Distribution boards		
2.	Circuit breakers 1P, 2P, 3P		
3.	On load isolators without trips		
4.	Contactors 1P, 2P, 3P		
5.	Earth leakage relays 1 & 3 phase		
6.	H.R.C. fuse switches		
7.	Kilowatt hour meter		
8.	Current transformers		
9.	Voltmeter		
10.	Maximum demand ammeter		
11.	Daylight sensitive switch		
12.	Time switch		
13.	Conduit		
14.	Conduit boxes		
15.	Power skirting		
16.	Surface switches		
17.	Watertight switches		
18.	16A flush socket outlets		
19.	16A surface socket outlets		
20.	16A watertight socket outlets		
21	LED Panels		
22	LED Down Lights		
23	LED Industrial Light Fittings		
24	LED Floodlights		
25.	Fans		
26.	PVCA cable		
27.	Paper Insulated Cable		
28.	Cable trays		
29.	Solar system		
30	Fire detection system		

ANNEXURE A

SCHEDULE OF IMPORTED MATERIALS AND EQUIPMENT TO BE COMPLETED BY TENDERER

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

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

These net amounts will be adjusted as follows

FORMULA:

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

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

A = the amount (R) of adjustment

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

Y = exchange rate at the closing date of tender submission

Z = exchange rate on the date of payment.

PARTICULARS OF ELECTRICAL CONTRACTOR

(To be completed by tenderers and submitted together with the tender form).

TENDER NO: _____ REFERENCE: _____

SERVICE: _____

NAME OF ELECTRICAL CONTRACTOR: _____

ADDRESS _____

_____

ELECTRICAL CONTRACTOR'S REGISTRATION NUMBER AT THE ELECTRICAL CONTRACTING BOARD OF S.A. _____

_____ _____

DATE SIGNATURE OF TENDERER

CONSTRUCTION OF NEW MATLOSANA COMMUNITY LIBRARY

ELECTRICAL INSTALLATION BILL OF QUANTITIES

BILL NO1: BULK SUPPLY & RETICULATION

ITEM	DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR	TOTAL
NOTE:	**The complete installation must comply SANS 0142 specifications and the Quality specifications. Therefore Tenders are advised to study the specification and drawings before the Bill is to be priced.**					
1	BULK SUPPLY					
1.1	Allow a Provisional Sum for connectionofpower from the municipal supply based on Tariff Plan and bulk Engineering Contributions to the Municipality (50kVA).	sum	1			R
1.2	Supply and install municiapal metering kiosk (The rate to include municipal energy meter and plinth)	Each	1			R
2	CABLES, CONDUCTORS & SLEEVES					
2.1	**Supply and install PVC insulated amoured copper cables**					
2.1.1	25mm^2 4 core PVC insulated copper cable	meter	100			R
2.1.2	16mm^2 4 core PVC insulated copper cable	meter	50			R
2.1.3	16mm^2 3 core PVC insulated copper cable	meter	50			R
2.1.4	6mm^2 3 core PVC insulated copper cable	meter	100			R
2.1.5	4mm^2 3 core PVC insulated copper cable	meter	300			R
2.2	**Supply and install bare copper earth conductor**					
2.2.1	16mm^2 bare copper earth cable	meter	100			R
2.2.2	10mm^2 bare copper earth cable	meter	50			R
2.2.3	6mm^2 bare copper earth cable	meter	100	R		R
	AMOUNT CARRIED FORWARD					R

ITEM	DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR	TOTAL
	AMOUNT BROUGHT FORWARD					
2.3	**GLANDS AND SHROUDS**					
2.3.1	25mm² 4 core PVC insulated copper cable	each	4	R	R	R
2.3.2	16mm² 4 core PVC insulated copper cable	each	4	R	R	R
2.3.3	16mm² 3 core PVC insulated copper cable	each	6	R	R	R
2.3.4	6mm² 3 core PVC insulated copper cable	each	20	R	R	R
2.3.5	4mm² 3 core PVC insulated copper cable	each	20	R	R	R
2.4	**GLANDS AND SHROUDS (Earth bare)**					
2.4.1	16mm² bare copper earth cable	each	4	R	R	R
2.4.2	10mm² bare copper earth cable	each	4	R	R	R
2.4.3	6mm² bare copper earth cable	each	20	R	R	R
3	**CABLE MARKERS & WARNING TAPES**					
3.1	Cable markers for cable routes indication	each	2	R	R	R
3.2	Cable warning tape	meter	100	R	R	R
4	**SUPPLY & INSTALL PVC SLEEVES**					
4.1	110 diameter	meter	100	R	R	R
4.2	50 diameter	meter	100	R	R	R
5	**TRENCHING AND EXCAVATIONS** (600mm wide & 800mm deep). Rate to include bedding and backfilling					
5.1	Pickable soil	m^3	48		R	R
	AMOUNT CARRIED FORWARD					R

ITEM	DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR	TOTAL
	AMOUNT BROUGHT FORWARD					
5.2	Soft rock	m^3	10		R	R
5.3	Hard rock	m^3	10		R	R
5.4	Install 600x600x800mm manhole (provision)	each	2	R	R	R
5	**SUPPLY & INSTALL MEDIUM DUTY CABLE TRAY**					
	Medium duty cable tray suspended from structure in the roof. Fixings not to exceed 2m (Rates to include: Fixing to roof trusses, hangers, Tees, Bends, 4 ways, ends,and all other accessories).					
5.1	100mm x 50mm (wxh)	m	100	R	R	R
	TOTAL CARRIED TO SUMMARY PAGE					**R**

CONSTRUCTION OF NEW MATLOSANA COMMUNITY LIBRARY
ELECTRICAL INSTALLATION BILL OF QUANTITIES BILL

NO2 : BUILDING : ELECTRICAL INSTALLATION

ITEM	DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR	TOTAL
NOTE :	**The complete installation must comply SANS 0142 specifications and the Quality specifications. Therefore, Tenders are advised to study the specification and drawings before the Bill is to be priced.**					
1	CONDUITS					
1.1	**Supply and install pipes including short lengths jointing, sweeping bends, buses, locknuts, roundboxes etc.:**					
1.1.1	20mm diameter PVC pipe cast into concrete, brick work or suspended in ceiling voids	meter	1800	R	R	R
1.1.2	25mm diameter PVC pipe cast into concrete, brick work or suspended in ceiling voids	meter	1000	R	R	R
1.1.3	20mm diameter copex conduit	meter	200	R	R	R
1.2	**Supply and install steel 4ntegrates walls boxes complete with all accessories**					
1.2.1	100mm x 50mm x 50mm deep	each	100	R	R	R
1.2.2	100mm x 100mm x 50mm deep	each	200	R	R	R
1.2.3	Supply and install 1,6mm diameter steel 4ntegrates draw wires drawn into conduit/sleeves:	meter	3000	R	R	R
1.2.4	Supply and install 100mm x 100mm blank cover plates	each	5	R	R	R
1.2.5	Supply and install 20mm diameter 4-way PVC round boxes	each	450	R	R	R
1.2.6	Supply and install 25mm diameter 4-way PVC round boxes	each	250	R	R	R
	AMOUNT CARRIED FORWARD					R

ITEM	DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR	TOTAL
	AMOUNT BROUGHT FORWARD					
1.2.7	Supply and install 100mm X 50 blank plates	each	5	R	R	R
2	**ELECTRICAL CABLE MANAGEMENT & TRUNKING**					
	Supply, Install, Test and Commission					
2.1	Galvanised 5ntegrat suspended from structure in the roof. Fixings not to exceed 4m including galvanized steel cover (Rates to include Tees, Bends, 4 ways, ends and all other accessories).					
2.1.1	**P9000 Unistrut**	m	250	R	R	R
2.1.2	**P2000 Unistrut**	m	100	R	R	R
2.2	**Power Skirting Aluminium ☹ To include All: elbows, corners sections, T-sections & end caps)**					
2.2.1	Cabstrut N8/P803, 3-way with 2 cover plates & dividers	m	50	R	R	R
3	**DISTRIBUTION BOARDS (Refer to schematic diagrams)**					
3.1	DB-L	each	1	R	R	R
4	**CONDUCTORS**					
4.1	**Supply and install 600/1000Volt PVC insulated stranded copper conductors drawn into conduits, etc.** (Wiring for lighting circuits is to be carried out with 2,5mm² conductors and 2,5mm² earth conductors. For socket outlet circuits the wiring shall comprise of 4 mm² conductors with 2, 5mm² earth conductors)					
4.1.1	2.5mm²	meter	4500	R	R	R
4.1.2	4mm²	meter	2200	R	R	R
4.1.3	6mm²	meter	1000	R	R	R
	AMOUNT CARRIED FORWARD					R

ITEM	DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR	TOTAL
	AMOUNT BROUGHT FORWARD					
4.2	**Earth Wire**					
4.2.1	2.5mm^2	meter	3350	R	R	R
4.2.2	4mm^2	meter	500	R	R	R
5	**SOCKETS OUTLETS**					
	Supply, install and connect socket outlets in flush wall mounted boxes, power skirting, trunking or surface if required complete with cover plates and all necessary accessories:					
5.1	Supply and install 230V, 16A combination switched socket outlets (with 1 x standard 16A round 3 pin socket + 1 x 3 pin ZA plug socket combined) flush mounted on the wall c/w steel cover plate (white) suitable to accommodate SANS 164-1 & SANS 164-2 socket outlets.	Each	50	R	R	R
5.2	Supply and install 230V, 16A combination switched socket outlets (with 1 x standard 16A round 3 pin socket + 1 x 3 pin ZA plug socket combined) with weatherproof (IP44) box flush mounted on the wall c/w steel cover plate (white) suitable to accommodate SANS 164-1 & SANS 164-2 socket outlets.	Each	4	R	R	R
5.3	Supply and install 230V, 16A standard round 3-pin switched socket outlets flush mounted on the power skirting c/w steel cover plate (red) suitable to accommodate SANS 164-1 socket outlets.	Each	15	R	R	R
5.4	Supply and install 230V, 16A dedicated round 2-pin + shaped earth pin switched socket outlets flush mounted on the power skirting c/w steel cover plate (red) suitable to accommodate SANS 164-1 socket outlets.	Each	15	R	R	R
5.5	Supply and install 230V, 16A 3-pin ZA plug switched socket outlets flush mounted on the power skirting c/w steel cover plate (red) suitable to accommodate SANS 164-2 socket outlets.	Each	15	R	R	R
	AMOUNT CARRIED FORWARD					R

ITEM	DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR	TOTAL
	AMOUNT BROUGHT FORWARD					R
5.6	Supply and install cluster unit to accommodate: 1 x 16A standard round 3- pin switched socket outlet, 16A 3-pin ZA plug switched socket outlet + 1 x RJ11 telephone outlet and RJ45 data outlet complete with covers, blank plates and all 7ntegrate accessories (to be installed in 1 tier wall box). Rates to include blank covers for RJ11 and RJ45 only as these outlets are measured under ICT.	Each	5	R	R	R
5.7	Supply and install 5 Amp single un-switched Socket outlet (complete with 60mm pvc round box for light fittings). The socket to be mounted on the trunking or somewhere else in the celing void.	Each	250	R	R	R
6	**SWITCHES**					
	Supply, install and connect light switches in flush wall mounted boxes, complete with cover plates and all necessary accessories:					
6.1	Supply and install 16A one lever one-way light switch flush mounted on the wall	each	26	R	R	R
6.2	Supply and install 16A two lever one-way light switch flush mounted on the wall	each	6	R	R	R
6.3	Supply and install 16A one lever two-way light switch flush mounted on the wall	each	5	R	R	R
6.4	Supply and install Day light switch/photocell	each	2	R	R	R
6.5	Supply and install occupancy sensors	each	26	R	R	R
7	**ISOLATORS**					
	Supply, install and connect isolators in flush wall mounted boxes or surface, complete with cover plates and all necessary accessories (Isolators to be mounted within one meter of the 7ntegrate to be controlled).					
	AMOUNT CARRIED FORWARD					R

ITEM	DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR	TOTAL
	AMOUNT BROUGHT FORWARD					**R**
7.1	Supply and install 230V, 30A double pole isolator surface mounted in the ceiling void or wall. Rates to include 4-inch x 4-inch extension box	each	20	R	R	R
7.2	Supply and install 230V, 60A double pole isolator surface mounted in the ceiling void or wall. Rates to include 4-inch x 4-inch extension box	each	5	R	R	R
7.3	Supply and install 4000V, 30A Three phase isolator mounted on the wall or ceiling void. Rates to include 4-inch x 4-inch extension box	each	3	R	R	R
7.4	Supply and install 4000V, 60A Three phase isolator mounted on the wall or ceiling void. Rates to include 4-inch x 4-inch extension box	each	2	R	R	R
7.5	Supply and install 4000V, 80A Three phase isolator mounted on the wall or ceiling void. Rates to include 4-inch x 4-inch extension box	each	2	R	R	R
7.6	Supply and install 4000V, 100A Three phase isolator mounted on the wall or ceiling void. Rates to include 4-inch x 4-inch extension box	each	2	R	R	R
8	**LUMINAIRES**					
	Supply, install and connect luminaires complete with lamps, fixings, brass screws, washers, etc. All recessed light fittings should be supplied with 3m connection lead					
8.1	Type A2 (1150mm long surface mounted light fitting c/w 33W LED, 5609 lumens, IP54, 4 000K, UV 8ntegrates polycarbonate diffuser, electronic control gear)	each	5	R	R	R
8.2	Type C (232 diameter decorative Beka rondo ECO 19W LED Downlight)	each	35	R	R	R
8.3	Type C/E (232 diameter decorative Bekarondo ECO 19W LED Downlight) come with full load battery pack	each	5	R	R	R
8.4	Type D (Wall mounted 20W serie 31 Beka bulkhead)	each	35	R	R	R
	AMOUNT CARRIED FORWARD					**R**

ITEM	DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR	TOTAL
	AMOUNT BROUGHT FORWARD					R
8.5	Type A1 (Recessed LED panel light fitting c/w 50W LED , 5907 lumens, IP40, UV polycarbonate diffuser, 2m x 0.75mm²flex cable, 5A unswitched socket outlet, 5A plug top, electronic control gear and 5 year warranty) (Similar or equal to BEKA LED panel)	each	120	R	R	R
8.6	Type A1/E (Recessed LED panel light fitting c/w 50W LED , 5907 lumens, IP40, UV polycarbonate diffuser, 2m x 0.75mm²flex cable, 5A unswitched socket outlet, 5A plug top, electronic control gear and 5 year warranty) with battery pack (Similar or equal to BEKA LED panel)	each	10	R	R	R
8.7	Type A8 (Recessed LED panel light fitting c/w 40W LED , 4800 lumens, IP40, UV polycarbonate diffuser, 2m x 0.75mm²flex cable, 5A unswitched socket outlet, 5A plug top, electronic control gear and 5 year warranty)	each	5	R	R	R
8.8	Type R (Wall mounted round bulkhead IP65 c/w E27 20W red LED lmap, and electronic control gear and prismatic acrylic diffuser)	each	1	R	R	R
9	**TELECOMMUNICATION AND DATA**					
9.1	RJ11 cover plate on the wall or Power skirting	each	10	R	R	R
9.2	RJ45 cover plate on wall or Power skirting	each	20	R	R	R
9.3	450mm x 300mm x 125mmdeep telephone wall box	each	1	R	R	R
10	**TESTING AND COMMISSIONING**					
10.1	Inspections, testing and handing over of the complete installation in the presence of the Engineer and certify the results on the *Certificate of compliances by an accredited person.*	Item	5		R	R
	TOTAL CARRIED TO SUMMARY PAGE					R

CONSTRUCTION OF NEW MATLOSANA COMMUNITY LIBRARY
ELECTRICAL INSTALLATION BILL OF QUANTITIES
BILL NO3 : GUARD HOUSE: ELECTRICAL INSTALLATION

ITEM	DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR	TOTAL
NOTE:	**The complete installation must comply SANS 0142 specifications and the Quality specifications. Therefore, Tenders are advised to study the specifications and drawings before the Bill is to be priced.**					
1	**CONDUITS**					
1.1	**Supply and install pipes including short lengths jointing, sweeping bends, buses, locknuts, roundboxes etc.:**					
1.1.1	20mm diameter PVC pipe cast into concrete, brick work or suspended in ceiling voids	meter	100	R	R	R
1.1.3	20mm diameter copex conduit	meter	50	R	R	R
1.2	**Supply and install steel 10ntegrates walls boxes complete with all accessories**					
1.2.1	100mm x 50mm x 50mm deep	each	10	R	R	R
1.2.2	100mm x 100mm x 50mm deep	each	20	R	R	R
1.2.3	Supply and install 1,6mm diameter steel 10ntegrates draw wires drawn into conduit/sleeves:	meter	150	R	R	R
1.2.4	Supply and install 100mm x 100mm blank cover plates	each	2	R	R	R
1.2.5	Supply and install 4 way PVC round boxes	each	30	R	R	R
1.2.6	Supply and install 100mm X 50 blank plates	each	2	R	R	R
	AMOUNT CARRIED FORWARD					**R**

ITEM	DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR	TOTAL
	AMOUNT BROUGHT FORWARD					
2	ELECTRICAL CABLE MANAGEMENT & TRUNKING					
	Supply, Install, Test and Commission					
2.1	Galvanised 11ntegrat suspended from structure in the roof. Fixings not to exceed 4m including galvanized steel cover (Rates to include: Tees, Bends, 4 ways, ends and all other accessories) .					
2.1.1	**P9000 Unistrut**	m	5	R	R	R
2.1.3	**P2000 Unistrut**	m	5	R	R	R
2.2	**Power Skirting Aluminium ☹ To include All: elbows, corners sections, T-sections & end caps)**					
2.2.1	Cabstrut N8/P803, 2-way with 2 cover plates & divider	m	5	R	R	R
3	**DISTRIBUTION BOARDS (Refer to schematic diagrams)**					
	Supply and install distribution board as per the schematic diagram and GDID specifications. The distribution board will be flush mounted in the wall. The distribution board doors must have a neat and professionally manufactured cut-out, with reinforced and properly finished edges, so that the main isolator of the distribution board can be switched without opening the door in case of emergency. . Distribution boards must lockable and padlocks must be supplied with the distribution board					
3.1	DB-GH	each	1	R	R	R
	AMOUNT CARRIED FORWARD					R

ITEM	DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR	TOTAL
	AMOUNT BROUGHT FORWARD					
4	CONDUCTORS					
4.1	**Supply and install 600/1000Volt PVC insulated stranded copper conductors drawn into conduits, etc.** (Wiring for lighting circuits is to be carried out with 2,5mm² conductors and 2,5mm² earth conductors. For socket outlet circuits the wiring shall comprise of 4 mm² conductors with 2, 5mm² earth conductors)					
4.1.1	2.5mm²	meter	300	R	R	R
4.1.2	4mm²	meter	300	R	R	R
4.1.3	6mm²	meter	20	R	R	R
4.2	**Earth Wire**					
4.2.1	2.5mm²	meter	300	R	R	R
4.2.2	4mm²	meter	10	R	R	R
5	SOCKETS OUTLETS					
	Supply, install and connect socket outlets in flush wall mounted boxes, power skirting, trunking or surface if required complete with cover plates and all necessary accessories:					
5.1	Supply and install 230V, 16A combination switched socket outlets (with 1 x standard 16A round 3 pin socket + 1 x 3 pin ZA plug socket combined) flush mounted on the wall c/w steel cover plate (white) suitable to accommodate SANS 164-1 & SANS 164-2 socket outlets.	Each	5	R	R	R
	AMOUNT CARRIED FORWARD					R

ITEM	DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR	TOTAL
	AMOUNT BROUGHT FORWARD					R
5.2	Supply and install 230V, 16A combination switched socket outlets (with 1 x standard 16A round 3 pin socket + 1 x 3 pin ZA plug socket combined) with weatherproof (IP44) box flush mounted on the wall c/w steel cover plate (white) suitable to accommodate SANS 164-1 & SANS 164-2 socket outlets.	Each	1	R	R	R
5.3	Supply and install 230V, 16A standard round 3-pin switched socket outlets flush mounted on the power skirting c/w steel cover plate (red) suitable to accommodate SANS 164-1 socket outlets.	Each	3	R	R	R
5.4	Supply and install 230V, 16A dedicated round 2-pin + 13ntegr earth pin switched socket outlets flush mounted on the power skirting c/w steel cover plate (red) suitable to accommodate SANS 164-1 socket outlets.	Each	3	R	R	R
	Supply and install 230V, 16A 3-pin ZA plug switched socket outlets flush mounted on the power skirting c/w steel cover plate (red) suitable to accommodate SANS 164-2 socket outlets.	Each	3	R	R	R
5.5	Supply and install cluster unit to accommodate: 1 x 16A standard round 3- pin switched socket outlet, 16A 3-pin ZA plug switched socket outlet + 1 x RJ11 telephone outlet and RJ45 data outlet complete with covers, blank plates and all 13ntegrate accessories (to be installed in 1 tier wall box). Rates to include blank covers for RJ11 and RJ45 only as these outlets are measured under ICT.	Each	0	R	R	R
5.6	Supply and install 5 Amp single un-switched Socket outlet (complete with 60mm pvc round box for light fittings). The socket to be mounted on the trunking or somewhere else in the celing void.	Each	10	R	R	R
	AMOUNT CARRIED FORWARD					R

ITEM	DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR	TOTAL
	AMOUNT BROUGHT FORWARD					R
6	SWITCHES					
	Supply, install and connect light switches in flush wall mounted boxes, complete with cover plates and all necessary accessories:					
6.1	Supply and install 16A one-level one-way light switch flush mounted on the wall	each	2	R	R	R
6.2	Supply and install 16A two lever one-way light switch flush mounted on the wall	each	1	R	R	R
6.3	Supply and install 16A one lever two-way light switch flush mounted on the wall	each	0	R	R	R -
6.4	Supply and install Day light switch/photocell	each	1	R	R	R
6.5	Supply and install occupancy sensors	each	2	R	R	R
7	ISOLATORS					
	Supply, install and connect isolators in flush wall mounted boxes or surface, complete with cover plates and all necessary accessories (Isolators to be mounted within one meter of the 14ntegrate to be controlled).					
7.1	Supply and install 230V, 30A double pole isolator surface mounted in the ceiling void or wall. Rates to include 4 inch x 4 inch extension box	each	2	R	R	R
7.2	Supply and install 230V, 60A double pole isolator surface mounted in the ceiling void or wall. Rates to include 4 inch x 4 inch extension box	each	1	R	R	R
7.3	Supply and install 230V, 30A double pole isolator mounted in the ceiling void for extractor canopy . Rates to include 4 inch x 4 inch extension box	each	0	R	R	R -
	AMOUNT CARRIED FORWARD					R

ITEM	DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR	TOTAL
	AMOUNT BROUGHT FORWARD					R
8	LUMINAIRES					
	Supply, install and connect luminaires complete with lamps, fixings, brass screws, washers, etc. All recessed light fittings should be supplied with 3m connection lead					
8.1	Type A2 (1150mm long surface mounted light fitting c/w 33W LED, 5609 lumens, IP54, 4 000K, UV 15ntegrates polycarbonate diffuser, electronic control gear)	each	1	R	R	R
8.2	Type C (232 diameter decorative Bekarondo ECO 19W LED Downlight)	each	4	R	R	R
8.3	Type C/E (232 diameter decorative Bekarondo ECO 19W LED Downlight) come with full load battery pack	each	1	R	R	R
8.4	Type D (Wall mounted 20W serie 31 Beka bulkhead)	each	4	R	R	R
8.5	Type A5 & A10 (Recessed LED panel light fitting c/w 50W LED , 5907 lumens, IP40, UV polycarbonate diffuser, 2m x 0.75mm^{2}flex cable, 5A unswitched socket outlet, 5A plug top, electronic control gear and 5 year warranty)	each	0	R	R	R -
8.6	Type R (Wall mounted round bulkhead IP65 c/w E27 20W red LED lmap, and electronic control gear and prismatic acrylic diffuser)	each	0	R	R	R -
9	TELECOMMUNICATION AND DATA					
9.1	RJ11 cover plate on the wall or Power skirting	each	1	R	R	R
9.2	RJ45 cover plate on wall or Power skirting	each	2	R	R	R
9.3	450mm x 300mm x 125mmdeep telephone wall box	each	1	R	R	R
10	TESTING AND COMMISSIONING					
10.1	Inspections, testing and handing over of the complete installation in the presence of the Engineer and certify the results on the *Certificate of compliances by an accredited person.*	Item	1		R	R
	TOTAL CARRIED TO SUMMARY PAGE					R

CONSTRUCTION OF NEW MATLOSANA COMMUNITY LIBRARY

ELECTRICAL INSTALLATION BILL OF QUANTITIES

BILL NO4 : EARTHING AND LIGHTNING PROTECTION: ELECTRICAL INSTALLATION

ITEM	DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR	TOTAL
NOTE:	(4) *The earthing & lightning protection installation shall be strictly as per the latest SANS Specifications, these are available from the SABS, and the onus is on the contractor to acquire his /her own copy ☹ b) Install SABS Approved earthrods (1,5m in length, 16mm Dia copper plated) in pre-drilled holes (55mm Dia) as per drawing. (c) Connect the earthrod via 70mm2 Insulated Copper wire & wire rope clamps/u-bolts to the rebar of the column or testing points. (d) The 70mm2 Insulated Copper wire must be laid in a trench 500mm in depth & the copper must be connected to the earthrod via electrothermic welding. I All pre-drilled holes must be backfilled with conductive cement, as per supplier's specification. (f) The roof should be bonded every 20m to the column via 35mm2 Insulated Copper wire (connected to the rebar & connected to the zinc roof.*					
1	**LIGHTNING PROTECTION**					
1.1	Install 1,5m SABS Approved earthrods at a depth off 500mm below ground level	each	10	R	R	R
1.2	70mm² Insulated Copper wire	meter	50	R	R	R
1.3	Bond to test point as per drawing.	Each	10	R	R	R
1.4	Electrothemical /Exothermic connection	each	10	R	R	R
1.5	Trenching in soft rock (Rate per point- Earthrod)	each	60		R	R
1.6	PVC conduit 25mm 16ntegrat (flush mounted in the wall from the roof to the flush 16ntegrates conduit box and from conduit box to the earth peg outside the building)	meter	200	R	R	R
1.7	105mm x 105 mm galvanized conduit box located 300 mm above finished floor level and fitted with blank PVC cover plates labelled "Earth Test Point".	Each	10	R	R	R
1.8	Conductive Cement	each	10	R	R	R
	AMOUNT CARRIED FORWARD					**R**

ITEM	DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR	TOTAL
	AMOUNT BROUGHT FORWARD					R
1.9	Continuous 35 square mm round solid zinc coated copper strip secured to roof of building, including all clamps, joints and fixing accessories.	Meter	120	R	R	R
1.10	10mm² bare copper earth wire for interconnection of earth pegs	meter	120	R	R	R
2	**BONDING OF PILLARS AND RAIN GUTTERS**					
2.1	Install 1,5m SABS Approved earthrods at a depth off 500mm below ground level	each	5	R		R
2.2	70mm² Insulated Copper wire	meter	25	R	R	R
2.3	Bond to test point as per drawing.	Each	5	R	R	R
2.4	Electrothemical /Exothermic connection	each	5	R	R	R
2.5	Trenching in soft rock	m^3	60		R	R
2.6	PVC conduit 25mm 17ntegrat (from conduit box to the earth peg outside the building)	meter	100	R	R	R
2.7	105mm x 105 mm galvanized conduit box located 300 mm above finished floor level and fitted with blank PVC cover plates labelled "Earth Test Point".	Each	5	R	R	R
2.8	Conductive Cement	each	5	R	R	R
3	**TESTING AND COMMISSIONING**					
3.1	Testing and commissioning and issuing of COC for the complete earthing and lightning protection installation	item	1		R	R
	TOTAL CARRIED TO SUMMARY PAGE					R

CONSTRUCTION OF NEW MATLOSANA COMMUNITY LIBRARY

ELECTRICAL INSTALLATION BILL OF QUANTITIES

BILL NO5 : AREA AND SECURITY LIGHTING: ELECTRICAL INSTALLATION

ITEM	DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR	TOTAL
1	**Supply and install area and security lights as indicated in drawings**					
1.1	Type S: Beka KAZELLE LED Post top type luminaire with 71W LED lamp mounted on a 4.6m high pole.	Each	20	R	R	R
1.2	Supply & install 76 mm top diameter hot dipped 18ntegrates steel mast of mineral grey paint finish with overall length of 4.6 m for direct embedment in ground and complete with accessories including 2,5 mm² internal wiring, BCEW, pole earthing and access cover as per specifications	each	20	R	R	R
1.3	Supply, install and connect up die cast aluminium body with tempered glass LED floodlight Luminaire equipped with motion sensor. Total power rating of LEDs to be 30W with builtin driver. Adjustable sensor for Lux, time and sensitivity of 25 metre range throughput. IP rating of IP65. Luminaire is describe as Type D in technical specification.	Each	5	R	R	R
2	**CABLES, CONDUCTORS & SLEEVES**					
2.1	6mm² x 3 core PVC/SWA/PVC Alu cable (underground cables for post tops)	each	900	R	R	R
3	**GLANDS AND SHROUDS**					
3.1	6mm² x 3 core PVC/SWA/PVC Alu cable	each	350	R	R	R
4	**LIGHTING CONTROL**					
4.1	Photocell	each	4	R	R	R
	AMOUNT CARRIED FORWARD					**R**

ITEM	DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR	T OTAL
	BROUGHT FORWARD					**R**
4.2	32 A contactor switch with 240 V AC coil, enclosed in distribution enclosure and coupled to photocell.	Each	4	R	R	R
5	**CABLE MARKERS & WARNING TAPES**					
5.1	Cable warning tape	meter	900	R	R	R
6	**SUPPLY & INSTALL UPVC SLEEVES (Rate to include 2,5mm^2 draw wire)**					
6.1	50 diameter	meter	200	R	R	R
6.2	25mm	meter	500	R	R	R
7	**TRENCHING AND EXCAVATIONS (450mm wide & 800mm deep), Rate to include backfilling, compacting and other necessary materials required for 19ntegr the cables**					
7.1	Pickable soil	m^3	324	R		R
8	**TESTING AND COMMISSIONING**					
8.1	Testing and commissioning and issuing of COC for the complete lighting installation	item	1	R	R	R
	TOTAL CARRIED TO SUMMARY PAGE					**R**

CONSTRUCTION OF NEW MATLOSANA COMMUNITY LIBRARY

ELECTRICAL INSTALLATION BILL OF QUANTITIES

BILL NO6 :PHOTOVOLTAIC AND ENERGY STORAGE INSTALLATION

ITEM	DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR	TOTAL
NOTE:	**The complete installation must comply SANS 0142 specifications and the Quality specifications. Therefore, Tenders are advised to study the specification and drawings before the Bill is to be priced.**					
1	Design, Supply, Delivery, Installation and Commissioning of grid-tied roof top solar system. The rate shall include all required accessories for a complete working system (9.9Kw solar panels, 12Kw smart grid invertor, mounting structures, controllers, module combiners, junction boxes, cabling, security alarm and all other accessories). The rate has to be per Kw	Kw	10	R		R
2	Design, Supply, Delivery, Installation and Commissioning of outdoor solar battery back-up system (placed in a container). The rate shall include all required accessories for a complete working system (battery banks, container, charge controller, cabling and all other accessories). The rate has to be per kWh. Inverters measured under item 1 above	kWhr	10.4	R		R
	TOTAL CARRIED TO SUMMARY PAGE					R

CONSTRUCTION OF NEW MATLOSANA COMMUNITY LIBRARY

ELECTRICAL INSTALLATION BILL OF QUANTITIES

BILL NO7 : ICT & ELECTRONIC INSTALLATION WIREWAYS

ITEM	DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR	TOTAL
NOTE:	**The complete installation must comply SANS 0142 specifications and the Quality specifications. Therefore Tenders are advised to study the specification and drawings before the Bill is to be priced.**					
1	**CONDUITS (Installation of conduits for ICT and Electronic installation)**					
1.1	**Supply and Install pipes including short lengths jointing, sweeping bends, buses, locknuts, roundboxes etc.**					
1.1.1	25mm diameter PVC pipe cast into concrete, brick work or suspended in ceiling voids	meter	1000	R	R	R
1.1.2	32mm diameter PVC pipe cast into concrete, brick work or suspended in ceiling voids	meter	200	R	R	R
1.1.3	25mm diameter copex conduit	meter	200	R	R	R
1.2	**Supply and install steel 21ntegrates walls boxes complete with all accessories**					
1.2.1	100mm x 50mm x 50mm deep	each	50	R	R	R
1.2.2	100mm x 100mm x 50mm deep	each	100	R	R	R
1.2.3	Supply and install 1,6mm diameter steel 21ntegrates draw wires drawn into conduit/sleeves:	meter	1400	R	R	R
1.2.4	Supply and install 100mm x 100mm blank cover plates	each	5	R	R	R
1.2.5	Supply and install 25mm diameter 4 way PVC round boxes	each	250	R	R	R
	AMOUNT CARRIED FORWARD					**R**

ITEM	DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR	TOTAL
	AMOUNT BROUGHT FORWARD					
1.2.6	Supply and install 32mm diameter 4 way PVC round boxes	each	50	R	R	R
1.2.7	Supply and install 100mm x 50 blank plates	each	5	R	R	R
1.2.8	Supply and Install 450mm x 350mm x 125mm deep box	each	3	R	R	R
1.3	**Galvanised 22ntegrat suspended from structure in the roof. Fixings not to exceed 4m including galvanized steel cover (Rates to include: Tees, Bends, 4 ways, ends and all other accessories) .**					
1.3.1	P9000 Unistrut	m	200	R	R	R
	TOTAL CARRIED TO ELECTRICAL INSTALLATIONS SUMMARY PAGE					R

CONSTRUCTION OF NEW MATLOSANA COMMUNITY LIBRARY

ELECTRICAL INSTALLATION BILL OF QUANTITIES

SUMMARY PAGE

BILL NO	DESCRIPTION	TOTAL
0	ALLOW FOR P&G's	R
1	BULK SUPPLY & RETICULATION (INCLUDING PROVISION FOR MUNICIPAL CONNECTION)	R
2	BUILDING : ELECTRICAL INSTALLATION	R
3	GUARD HOUSE : ELECTRICAL INSTALLATION	R
4	EARTHING AND LIGHTNING PROTECTION	R
5	AREA AND SECURITY LIGHTING	R
6	PHOTOVOLTAIC INSTALLATION (PV AND ENERGY STORAGE)	R
7	ICT & ELECTRONIC INSTALLATION CONDUITS	R
	SUB-TOTAL ELECTRICAL INSTALLATIONS	R

CONSTRUCTION OF NEW MATLOSANA COMMUNITY LIBRARY						
ELECTRONIC INSTALLATION BILL OF QUANTITIES						
BILL NO 1	CCTV SURVEILLANCE AND DIGITAL RECORDING SYSTEM					
ITEM	DESCRIPTION		UNIT	QTY	RATE	TOTAL
1	Camera Type 1: 2MP day/night fixed indoor dome camera with Image sensor ,1/2.8" progressive scan , RGB CMOS; Automatically removable infrared-cut filter Lens; Varifocal, remote focus and zoom,	Supply & Install	No	6		
2	Camera Type 2: 2MP day/night fixed outdoor dome camera with Image sensor: 1/3" progressive scan, RGB CMOS; Automatically removable infrared-cut filter Lens; Varifocal, remote focus and zoom,	Supply & Install	No	2		
3	Camera Type 3: 2MP day/ night fixed bullet, outdoor camera, with Image sensor: ½" progressive scan, RGB CMOS; Automatically removable infrared-cut filter Lens; Varifocal, remote focus and zoom,	Supply & Install	No	10		
4	Camera Type 4: PTZ Network dome camera, 8MP, indoo,r Ultra Low Light. Hybrid PTZ & Bullet Camera. Night vision, Heater & Demister. 2560 x 1440p @30fps; 4.8 – 120mm lens	Supply & Install	No	0		
5	Camera Type 5: PTZ Network outdoor camera. 5MP, Outdoor, 4.7-84.6MM Lens, IP66, 5MP camera with Image sensor: Visual – Progressive scan, CMOS ½.8", Pixel size: 17µm;	Supply & Install	No	0		
6	Camera Type 6: Licence Plate Recognition (LPR) Camera. IR distance -up to 50m (2.8 – 12mm). Edge recording, Full HD 1080p (1920 x 1080 @ 60fps). ½.8" progressive scan. Day & night, WDR,	Supply & Install	No	2		
7	Camera Type 7: Facial recognition camera. 1/3″ Progressive scan RGB CMOS, Horizontal field of view: 97°. Vertical field of view: 78° M12 mount, F2.8, Fixed iris, Megapixel resolution, 2.8 mm.	Supply & Install	No	2		
	AMOUNT CARRIED FORWARD					R

ITEM	DESCRIPTION		UNIT	QTY	RATE	TOTAL
	AMOUNT CARRIED FORWARD					R
8	Camera Type 8: 8 MP multidirectional Panoramic / Fisheye) camera with IR for 360° coverage camera with Image sensor: 4 x ½.8"progressive scan, RGB CMOS; Automatically removable infrared-cut filter; Lens: Varifocal, 3–6 mm, F1.8–2.6, 4x1080p capture mode;	Supply & Install	No	1		
9	Three Dimensional Joystick Controller	Supply & Install	No	0		
10	256-Channel 12MP Network Video Recorder	Supply & Install	No	1		
11	Rackmount Server. CPU: 2 x Intel Xeon Silver 4309Y 2.8G, 16C/16T, 10.4GT/s, 12M Cache, Turbo, HT (105W) DDR4-2666. Memory: 4 x 16GB RDIMM, 3200MT/s, Dual Rank. Hard Drives: 2.4TB 10K RPM SAS 12Gbps 512e 2.5in Hot-plug Hard Drive, 3.5in HYB CARR. Backplane: SAS/SATA Backplane Chassis	Supply & Install	No	1		
12	Tower Workstation. Processor: Intel® Core i9-13900 (32MB cache, 8 cores, 3.00 GHz to 5.40GHz Turbo]. Memory – 64GB: 2 x 32 GB, DDR5, 4800 MT/s. Storage:, 2 TB, M.2, PCIe NVMe, SSD. Operating System: Windows 11Pro. Networking: 2 x 10GigE. Graphics Card: NVIDIA® GeForce RTX 4090, 24 GDDR6X.	Supply & Install	No	1		
13	Operators Work Station Biometric Fingerprint Log ON reader	Supply & Install	No	1		
14	55-inch 4K UHD Digital Signage Display Monitor. Display Format: 4K UHD (2160p). Resolution: 3840 x 2160. Image Aspect Ratio: 16:9.	Supply & Install	No	2		
15	Heavy Duty Duct, 4 Core (50/125) OM4, Laser optimized, Bend Insensitive Multimode Fiber (BIMMF) Cable.	Supply & Install	m	0		
16	UTP CAT 6a cables.	Supply & Install	m	1000		
	AMOUNT CARRIED FORWARD					R

ITEM	DESCRIPTION		UNIT	QTY	RATE	TOTAL
	AMOUNT CARRIED FORWARD					R
17	UTP CAT 6a Fly Lead – 2m:	Supply & Install	No	5		
18	24 Port Patch Panel – loaded	Supply & Install	No	0		
19	19" rack mount, 1U Brush Panels	Supply & Install	No	0		
20	UTP CAT 6a factory manufactured patch leads.	Supply & Install	No	60		
21	RJ45 Connectors complete with boots & Cat 6a termination	Supply & Install	No	60		
22	SFP modules (1G)	Supply & Install	No	0		
23	SFP+ modules (10G)	Supply & Install	No	0		
24	10GBASE-T transceiver modules	Supply & Install	No	0		
25	25G SFP28 Active Direct Attach Copper Twinax Cable, (SFP28-25G-DAC), with factory-terminated SFP28 connectors. Hot-swappable DAC, backward compartible with 10G	Supply & Install	No	1		
26	1U Rack Mount, Fibre Optic Sliding Patch Panel / splice box – loaded	Supply & Install	No	0		
27	BIMMF Optic Patch Cable, full duplex , 50/125, 1m: LC/SC/FC/ST. Insertion Loss ≤0.15 Db, Return Loss ≥20 Db. OM4 50/125µm, 850/1300nm	Supply & Install	No	20		
	AMOUNT CARRIED FORWARD					R

ITEM	DESCRIPTION		UNIT	QTY	RATE	TOTAL
28	**AMOUNT BROUGHT FORWARD**					R
29	Testing and Commissioning	Supply & Install	sum	1		
30	End to end testing & commissioning of the CCTV Surveillance system and issuing of test results & certificates of compliance including OTTDR Results	Supply & Install	sum	1		
31	Operator Training	Supply & Install	sum	1		
32	Preparation of a syllabus and presenting an operator& maintenance personnel training course for the cctv sub-installation	Supply & Install	sum	1		
33	As Builts and Operational Manuals	Supply & Install	sum	1		
34	Produce 3 sets of AS-built drawings, Operation and Maintenance manuals and hand over to Engineer	Supply & Install	sum	1		
	TOTAL CARRIED TO ELECTRONIC INSTALLATIONS SUMMARY PAGE					R

CONSTRUCTION OF MATLOSANA COMMUNITY LIBRARY

ELECTRONIC INSTALLATION BILL OF QUANTITIES

BILL NO 2 DATA NETWORK: WIRELESS AND WIRED

ITEM	DESCRIPTION		UNIT	QTY	RATE	TOTAL
NOTE:	**The complete installation must comply to electrical installation specifications. Therefore, Tenders are advised to study the specifications and drawings before pricing the Bill.**					
2.0	Installation of wired data points, wireless access points as specified and as indicated on drawings. Wired data and wireless data must not be configured in the same VLAN. Separate Vlans to be configured					
2.1	CAT6a UTP Cable (Colour: Grey)	Supply & Install	m	1050		R
2.2	CAT 6a UTP Fly Leads, 2m (Grey) . Includes 10 spare	Supply & Install	No	30		R
2.3	Wired data points (incl wifi points) on power skirting or wall mounted as specified and as indicated on drawings. (Inclusive of boxes, RJ45 faceplates & Cat 6 termination)	Supply & Install	No	30		R
2.4	Indoor Wireless Access Point Device. Features: 802.11ac MU-MIMO technology, 802.11i, WPA2, WPA, 802.1X , AES, PoE	Supply & Install	No	10		R
2.5	Wireless LAN Controller with 50 AP License. Wireless intrusion prevention system (IPS) capabilities, RF management, QoS, and Layer 3 fast secure roaming. 2 x 10 GigE support, PoE	Supply & Install	No	1		R
2.6	Authentication Server, hardware, operational software & server licence	Supply & Install	No	1		R
	AMOUNT CARRIED FORWARD					**R**

ITEM	DESCRIPTION		UNIT	QTY	RATE	TOTAL
	AMOUNT BROUGHT FORWARD					R
2.7	2 Tier, galvanized power skirting, body & covers. Complete/metre	Supply & Install	m	0		R -
2.8	25mm PVC conduiting and accessories	Supply & Install	m	0		R -
	Testing and Commissioning					
2.9	Testing and Commissioning of Installation	Supply & Install	No	1		R
2.10	Manuals, Documentation, AS Builts	Supply & Install	No	3		R
	TOTAL CARRIED TO ELECTRONIC INSTALLATIONS SUMMARY PAGE					R

CONSTRUCTION OF MATLOSANA COMMUNITY LIBRARY

ELECTRONIC INSTALLATION BILL OF QUANTITIES

BILL NO 3 INTRUDER ALARM SYSTEM

ITEM	DESCRIPTION		UNIT	QTY	RATE	TOTAL
NOTE:	**The complete installation must comply to electrical installation specifications. Therefore, Tenders are advised to study the specifications and drawings before pricing the Bill.**					
3.0	**Installation of an alarm system with 30ntegrate distinct specified alarm areas / zones.**					
3.1	Master Alarm Controller unit	Supply & Install	No	1		R
3.2	Alarm LED Zone indicator / Mimic Panel	Supply & Install	No	2		R
3.3	Full Message hardwired LCD Keyboard	Supply & Install	No	2		R
3.4	8 – Zone, hardwired Expander Module	Supply & Install	No	2		R
3.5	PIR Motion Detector – Internal	Supply & Install	No	20		R
3.6	PIR Motion Detector – External	Supply & Install	No	4		R
3.7	Arming Device / 2 or 4 Wireless Button Key	Supply & Install	No	2		R
	AMOUNT CARRIED FORWARD					R

ITEM	DESCRIPTION		UNIT	QTY	RATE	TOTAL
	AMOUNT BROUGHT FORWARD					
3.8	Wired Panic Button	Supply & Install	No	5		R
3.9	Outdoor 15W, Electric Siren, 12VDC, Loud Sounder	Supply & Install	No	2		R
3.10	Communication network module. [GSM / GPRS module, TCP/IP module, Serial interface). To link with external security company or SAPS	Supply & Install	No	1		R
3.11	Alarm Indicator Light (Exterior, IP66 and mounting accesorries)	Supply & Install	metres	2		R
3.12	Powerpack, 3.2Amp with Battery Space	Supply & Install	No.	2		R
3.13	Battery, 7ah 12V	Supply & Install	No.	2		R
3.14	Battery, 18AH 12V	Supply & Install	No.	1		R
3.15	4 pair, twisted, screened, 22swg, alarm cable	Supply & Install	metres	1000		R
3.16	Glue, 50ml Cable Adhesive	Supply & Install	No	10		R
3.17	Installation Accessories	Supply & Install	No	1		R
3.18	Intruder Alarm Terminal Box. Lockable, Flush mount box with knockouts 600 x 600 x 140mm	Supply & Install	No	1		R
3.19	25mm PVC conduiting and accessories	Supply & Install	m	0		R -
	AMOUNT CARRIED FORWARD					**R**

ITEM	DESCRIPTION		UNIT	QTY	RATE	TOTAL
	AMOUNT BROUGHT FORWARD					
	Testing and Commissioning					
3.20	Testing and Commissioning of Installation	Supply & Install	No	1		R
3.21	Manuals, Documentation, AS Builts	Supply & Install	No	3		R
3.22	Training of Personnel	Supply & Install	No	2		R
	TOTAL CARRIED TO ELECTRONIC INSTALLATIONS SUMMARY PAGE					R

CONSTRUCTION OF MATLOSANA COMMUNITY LIBRARY

ELECTRONIC INSTALLATION BILL OF QUANTITIES

BILL NO 4 FIRE DETCTION SYSTEM

ITEM	DESCRIPTION		UNIT	QTY	RATE	TOTAL
NOTE:	**The complete installation must comply to electrical installation specifications. Therefore, Tenders are advised to study the specifications and drawings before pricing the Bill.**					
4	**Installation of fire detection system**					
4.1	Smoke Detectors (DP 951)	Supply & Install	No	25		R 11,250.00
4.2	Heat Detectors (DT 952)	Supply & Install	No	2		R 1,100.00
4.3	Manual Call points(Break Glass Units) (DMN 960)	Supply & Install	No	5		R 4,250.00
4.4	Line Isolators	Supply & Install	No	3		R 2,550.00
4.5	Wiring and cabling (FR20)	Supply & Install	m	1050		R 18,900.00
4.6	Labelling of detectors (FESS L001)	Supply & Install	No	35		R 875.00
4.7	FM 200 Gas-Eckoshield HFC227 for Server room to include amongst others gas cylinders c/w bracket, gas control, FFE female valve, FF male valve, FFE knock off position, bar pressure gauge, 33ntegrat filling valve, busrting disc, actuator FFE, HFC227 CYL label complete in all respect (26m^2)	Supply & Install	No	0	-	R -
4.8	8 Loop 16-64 Zone Fire Panel addressable	Supply & Install	No	1		R
	AMOUNT CARRIED FORWARD					**R**

ITEM	DESCRIPTION		UNIT	QTY	RATE	TOTAL
	AMOUNT BROUGHT FORWARD					R
4.9	2 Loop expansion card	Supply & Install	No	1		R
4.10	16 Zone Expansion kit	Supply & Install	No	1		R
4.11	Battery back for panels	Supply & Install	No	1		R
4.12	Server that 34ntegrates the Fire Panels to the BMS Software	Supply & Install	No	1		R
4.13	LINKING OF THE FIRE SYSTEM WITH LOCAL FIRE AUTHORITY	Supply & Install	No	1		R
4.14	25mm galvanized conduiting and accessories	Supply & Install	m	0		R -
	Testing and Commissioning					
4.15	Testing and Commissioning of Installation	Supply & Install	No	1		R
4.16	Manuals and Documentation	Supply & Install	No	1		R
4.17	Training of Personnel	Supply & Install	No	1		R
	TOTAL CARRIED TO ELECTRONIC INSTALLATIONS SUMMARY PAGE					R

CONSTRUCTION OF MATLOSANA COMMUNITY LIBRARY

ELECTRONIC INSTALLATION BILL OF QUANTITIES

SUMMARY SUB TOTAL

ITEM	DESCRIPTION	TOTAL
0	ALLOW FOR P&G	R
1	Bill No 1 - CCTV Surveillance System	R
2	Bill No 2 - Data Network	R
3	Bill No 3 - Intruder Alarm System	R
4	Bill No 4 - Fire detection system	R
	TOTAL ELECTRONIC INSTALLATIONS SUMMARY PAGE	R

CONSTRUCTION OF MATLOSANA COMMUNITY LIBRARY

ELECTRICAL AND ELECTRONIC INSTALLATIONS SUMMARY PAGE

ITEM	DESCRIPTION	TOTAL
1	ELECTRICAL INSTALLATIONS	R
2	ELECTRONIC INSTALLATIONS	R
	TOTAL ELECTRICAL AND ELECTRONIC INSTALLATIONS CARRIED TO TENDER SUMMARY PAGE	R

HEALTH AND SAFETY COSTING/BOQ
MATLOSANE COMMUNITY LIBRARY

STANDARD ACTIVITY	Unit			TENDER PRICE ESTIMATE
	Quantity	Duration @18 Months	Unit price	Total
1 Pre-Construction				
1.1 Compilation of Health and Safety Plan				
1.2 Compilation of Health and Safety File				
			Sub-Total 1	**R0,00**
2 Personal protective equipment and Life Saving Equipment:				
2.1 Head protection (Hard hats)				
2.2 Safety glasses / goggles				
2.3 Gloves				
2.4 Safety shoes				
2.5 Overalls				
2.6 Ear plugs				
2.7 Rain suits				
2.8 Safety Harnesses				
2.9 Retractable lifelines / lifelines				
2.10 Asbestos Personal Protective Equipment				
2.11 SANS approved safety netting (orange colour with minimum of 1,2 meters high)				
			Sub-Total 2	**R0,00**
3. Training (Health and Safety Education)				
3.1. First Aid Level 1				
3.2. Fire fighting				
3.3. Working at Heights (all employees who will conduct work at heights)				
3.4. Health and Safety Representative				
3.5. Inhouse Training (E.g. Occupational Health Exposures, Induction Training, Risks & Hazards, etc.)				
3.6. Other (stipulate)				
			Sub-Total 3	**R0,00**
4. Occupational Medicals				
4.1. Entry medical assessments				
4.2. Exit medical assessments				
			Sub-Total 4	**R0,00**
5. Occupational Hygiene Surveys				
5.1 Conducting of applicable Occupational Hygiene Surveys and Health Assessments (Noise, Ergonomics, etc.)				

			Sub-Total 5	**R0,00**
6. Asbestos Requirements where Applicable				
6.1 Asbestos Management Plan and Method Statement				R0,00
6.2 Monitoring of Asbestos Work by an Approved Inspection Authority				R0,00
6.3 Removal and safe disposal of Asbestos containing material				R0,00
			Sub-Total 6	**R0,00**
7. Signage				
7.1 Health & Safety Related Signage (General Warning signs, PPE signs, etc.)				
			Sub-Total 7	**R0,00**
8. Registered Construction Health & Safety Officer				
8.1 SHE Officer (Full-Time on site and registered with SACPCMP)				
			Sub-Total 8	R0,00
			TOTAL	**R0,00**

CONSTRUCTION HEALTH AND SAFETY SPECIFICATIONS

FOR

PROJECT: PLANNING, IMPLEMENTATION AND DEVELOPMENT OF THE PROPOSED MATLOSANA COMMUNITY LIBRARY

Tender Specific: Construction of Matlosana Community Library

Site (ERF No. 16 609, Jouberton Extension 16, Klerksdorp (-26.915190233322278, 26.600690059004528) (https://maps.app.goo.gl/mvZFVVzUmW5msczQA

Prepared by: Makhari Consulting

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Pr CHSA: SACPCMP/089/2018

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In this document the following expressions shall bear the meanings assigned to them below:

1.1.1 **Client** means any person for whom construction work is being performed and/or undertaken (**Independent Development trust)(IDT)** for purposes of this specification)

1.2 **Construction Regulations** means the Occupational Health and Safety Act's, No 85 of 1993, new Construction Regulations that came into effect on 01 March 2014;

1.3 **Occupational health and safety plan** means a sufficiently documented plan to the standards of the Client, which addresses hazards identified and includes safe working procedures to mitigate, reduce or control the hazards identified;

1.4 **Occupational health and safety specification** means a documented specification of all health and safety requirements pertaining to the associated works on a construction site, so as to ensure the health and safety of persons working, visiting, passing, staying and/or working close to the construction site and/or other applicable areas such as site camp;

1.5 **OHS Act** means the Occupational Health and Safety Act, No 85 of 1993, as amended;

1.6 **Principal Contractor** means an employer, as defined by Section 1 of the OHSACT who performs construction work and is appointed by the Client to be in overall control and management of the construction site and works—**Tenderer;**

1.7 **Certificated person** means any competent person to whom a certificate of competency has been granted by an approved inspection authority, accredited by the National Explosives Council or any other organization acceptable to and approved by the chief inspector of occupational health and safety;

1.8 **Competent person** means a person with sufficient training and experience in, and knowledge of, the health and safety aspects of explosives deemed appropriate by the National Explosive Council or any other organization approved by the chief inspector of occupational health and safety;

1.9 **Explosives groups** means explosives grouped together for their safe storage and transportation as defined in the South African Code of Practice SABS 0228, The Identification and Classification of Dangerous Goods for Transport;

1.10 **Explosives workplace** means any workplace licensed under these regulations for the manufacture, testing, use and storage of explosives, together with every mound, building and works therein or thereon for whatever purpose used;

1.11 **Explosives workplace licence** means a licence referred to in regulation 4(2) or issued in terms of regulation 4 (3) in respect of an explosives workplace for the manufacture, testing, use and storage of explosives;

2. Introduction

In terms of Construction Regulation 5(1)(b) of the OHS Act, the Client **((IDT)** is required to compile an occupational health and safety specification for the Planning**, Implementation and Development of the Proposed Matlosana Community Library**

2.1 This specification has as objective to ensure that the Principal Contractor entering into a contract with the Client achieves and maintain an acceptable level of occupational health and safety performance and compliance. This document forms an integral part of the contract between the Client and the principal contractor and the principal- and other contractors should make it part of any contract/s that they may have with other contractors and/or suppliers as far as this project is concerned.

2.2 Compliance with this document does not absolve the Principal Contractor from complying with any other minimum legal requirements and the Principal Contractor remains responsible for the health and safety of his employees, those of his mandataries as well as any persons coming on site or on adjacent properties as far as it relates to the construction activities.

3.1 The purpose of this document is to develop project-specific occupational health and safety specifications that address the reasonable and foreseeable risks, exposures and aspects of occupational health and safety as affected by the above-mentioned construction work.

3.2 The specification will provide the requirements that the Principal Contractor and other contractors will have to comply with in order to reduce the risks associated with the abovementioned contract work and that may lead to incidents causing injury and/or ill health, to a level as low as reasonably practicable and possible.

3.3 Any contractor interested in submitting a bid in response to the Client's formal tender for any construction project, has to prepare and include a draft occupational health and safety plan based on this specification and the OHSACT in its tender submission. The Client will evaluate this plan as part of its formal tender adjudication processes to ensure compliance with Construction Regulation 5 that stipulates that the Client may only appoint a contractor who has the necessary competencies and resources to carry of the work appointed for safely.

4. Occupational Health and Safety Requirements

4.1 Hazard Identification and Risk Assessment (HIRA) (Construction Regulation 9)

4.1.1 Baseline Risk Assessment

The Principal Contractor must conduct a baseline risk assessment in accordance with the scope of work and this Construction Health and Safety Specifications document.

4.1.2 Development of Risk Assessment

The successful Principal Contractor shall ensure that a Risk Assessment is undertaken by a competent person, appointed in writing, and the Risk Assessment shall form part of the Construction Health and Safety Plan and be implemented and maintained as contemplated in Construction Regulation 9(1).

The Risk Assessment shall include, at least:

- the identification of the current as well as emerging risks and hazards to which persons may be exposed to;
- the analysis and evaluation of the risks and hazards identified;
- a documented plan of safe working procedures (SWP) and any method statements to mitigate, reduce or control the risks and hazards that have been identified;
- a plan to monitor the application of the SWPs; and
- a plan to review the Risk Assessment as the work progresses and changes are introduced, or incidents occurred which requires the re-evaluation of the processes/risk mitigation.

4.1.3 Review of Risk Assessment

The Principal Contractor must review the Risk Assessment as the work progresses and changes are introduced, or incidents occurred which requires the re-evaluation of the processes/risk mitigation.

The Principal Contractor must provide the Client, other Contractors and all other concerned or affected parties with copies of any changes, alterations or amendments as soon as possible of such changes.

4.2 Legal Requirements

The Principal Contractor and the Contractors entering a contract with the Client shall comply with the –

OHS Act, the Regulations and incorporated Standards;

Compensation for Occupational Injuries and Diseases Act, No. 130 of 1993 (COID Act).

Compensation Commissioner or compensation insurer before being awarded the contract. A valid copy of the COID Act must be available on site at all times;

4.3 Structure and Responsibilities

4.3.1 Overall supervision and responsibility for occupational health and safety

The Principal Contractor (appointed in terms of Construction Regulation 5(1)(k)) is responsible to implement and maintain the occupational health and safety plan approved by the Client.

The Chief Executive Officer (in terms of Section 16(1) of the OHSACT) of the Principal Contractor is to ensure that the Employer (as defined in the OHSACT) complies with the OHSACT. Annexure 1 "Legal Compliance Checklist" may be used for this purpose and assistance.

The Principal Contractor's Chief Executive Officer may appoint any person reporting to him/her as Designated Person in terms of Section 16(2) of the OHSACT. Such Designated Person is responsible to assist the Chief Executive Officer to ensure that the Employer complies with the requirements of the OHSACT.

The construction manager, assistant construction manager, construction supervisor and assistant construction supervisor(s) appointed in terms of Construction Regulation 8 are responsible for supervising the construction work and in specific to ensure that all work undertaken comply with the requirements of the OHSACT, its Regulations and the Client's specifications.

4.3.2 Operational responsibilities for occupational health and safety

The Principal Contractor shall appoint designated competent employees and/or other competent persons as outlined in the following list to assist with the operational responsibilities for occupational health and safety. This list is only the minimum requirement and is therefore in no way exhaustive.

Appointment Description	**Appointment required in terms of Safety Requirements**
Assistant construction manager	Construction Regulation 8(2)
Assistant construction supervisor	Construction Regulation 8(8)
Construction manager	Construction Regulation 8(1)
Construction supervisor	Construction Regulation 8(7)
Construction vehicle, mobile plant and machinery supervisor	Construction Regulation 23
Demolition supervisor	Construction Regulation 14
Drivers of construction vehicles and operators of plant	Construction Regulation 23
Electrical installation and appliances inspector	Construction Regulation 24
Emergency, security and fire coordinator	Construction Regulation 29
Excavation supervisor	Construction Regulation 13
Explosives Manager	Explosives Regulations requirement
Fall protection supervisor	Construction Regulation 10
First-aiders	General Safety Regulation 3
Firefighting equipment inspector	Construction Regulation 29
Hazardous chemical substances supervisor	Hazardous Chemicals Substances Regulations 10
Incident investigator	General Administrative Regulation 9
Ladder inspector	General Safety Regulation 13(a)
Lifting machines and equipment inspector	Construction Regulation 22
Materials hoist inspector	Construction Regulation 19
Occupational health and safety committee	OHSACT Section 19
Occupational health and safety officer	Construction Regulation 8(5)
Occupational health and safety representatives	OHSACT Section 17
Person responsible for machinery	General Machinery Regulation 2
Risk assessor	Construction Regulation 9(1)
Scaffolding supervisor	Construction Regulation 16
Stacking and storage supervisor	Construction Regulation 28
Traffic management supervisor	OHSACT Section 9(1)
Traffic safety officer	OHSACT Section 9(1)
Welding supervisor	General Safety Regulation 9

These appointments must be in writing and the responsibilities clearly stated together with the period for which each appointment is made.

This information must be communicated to and agreed with the appointees. Copies of appointments must be submitted to the Client together with concise CV's of the appointees as part of the Principal Contractor's health and safety plan and if appointed copies of the appointments included in the occupational health and safety file.

All appointments must be approved by the Client and any changes of appointees or appointments must be communicated to the Client and agreed upon before being implemented.

The Principal Contractor must, furthermore, provide the Client with an organogram of all contractors that he/she has appointed or intends to appoint and keep this list updated on a weekly basis.

4.3.3 Designation of occupational health and safety representatives (Section 17 of the OHS Act)

Where the Principal Contractor employs more than 20 persons including the employees of other Contractors (sub-contractors) and its supervisors] he must appoint one occupational health and safety representative for every 50 employees or part thereof.

General Administrative Regulation 6 requires that the election, appointment and subsequent designation of the occupational health and safety representatives be executed in consultation with employee representatives or employees. (Section 17 of the OHSACT as well as General Administrative Regulation 6 and 7 refer).

Occupational health and safety representatives must be designated in writing and the designation must include the area of responsibility of the person and term of the designation.

4.3.4 Duties and functions of the occupational health and safety representatives (Section 18 of the OHS Act)
The Principal Contractor must ensure that the designated occupational health and safety representatives conduct a weekly inspection of their respective areas of responsibility, using a checklist, and report thereon to the Principal Contractor.

Occupational health and safety representatives must be included in accident and/or incident investigations.

Occupational health and safety representatives must attend all occupational health and safety committee meetings.

4.3.5 Appointment of occupational health and safety committee (Section 19 of the OHSACT)

The Principal Contractor must establish an occupational health and safety committee consisting of all the designated occupational health and safety representatives together with a number of management representatives that are not allowed to exceed the number of occupational health and safety representatives on the committee and a representative of the Client who shall act as the chairperson without voting rights.

The members of the occupational health and safety committee must be appointed in writing and copies of the appointments included in the occupational health and safety file.

The occupational health and safety committee must meet as a minimum on a monthly basis and consider, at least, the following agenda items:

1. Opening and welcome.
2. Members present, apologies and absent.
3. Minutes of previous meeting.
4. Matters arising from the previous meeting.
5. Occupational health and safety representatives' reports.
6. Incident and/or accident reports and investigations.
7. Incident, accident and/or injury statistics.
8. Other matters.
9. Endorsement of registers and other statutory documents by a duly authorised representative of the Principal Contractor.
10. Close and next meeting

It is a requirement that the Principal Contractor, when he appoints contractors or sub-contractors in terms of Construction Regulations 7(1)(c) includes an OHSACT Section 37(2) agreement (i.e. Agreement with Mandatary) in his agreement with such contractor

4.5 Administrative controls and the occupational health and safety file

The occupational health and safety file [Construction Regulation 7(1)(b)]

As required by Construction Regulation 7(1)(b), the Principal Contractor and other Contractors will each keep an occupational health and safety file on site containing the following documents as a minimum:

Copy of the construction work permit (for applicable projects) (Construction Regulation 3)

Construction Work Permit (Construction Regulation 3.)

Updated copies of the OHSACT and its Regulations as well as the COID Act (General Administrative Regulation 4.)

Proof of registration and good standing with the Compensation Commissioner or a COID Insurer [Construction Regulation 5(1)(j)]

Occupational health and safety plan agreed with the Client including the underpinning risk assessment(s) and method statements [Construction regulation 7(1)]

Copies of occupational health and safety committee meetings and other relevant minutes.

Designs and/or drawings [Construction Regulation 7(1)(b)]
A list of contractors (sub-contractors) including copies of the agreements between the parties, proof of good standing with the Compensation Commissioner or COID Insurer, and the type of work to be undertaken by each contractor (Construction Regulation 7)

Appointment and designation forms as per paragraphs 4.3.1 and 4.3.2 above

The following registers:

1. Accident and/or incident register (Annexure 1 of the General Administrative Regulations);
2. Occupational Health and Safety Representatives' inspection register;
3. Construction Vehicles and Mobile Plant inspections by controller;
4. Daily inspections of vehicles, plant and other equipment by the operator, driver and/or user;
5. Designer's inspections and structures record;
6. Inspection and maintenance of explosive actuated fastening devices;
7. Inspection of electrical installations (including inspection of portable electrical tools, electrical equipment and other electrical appliances);
8. Fall protection inspections;
9. First-aid box content;
10. Record of first-aid treatment;
11. Fire equipment inspections and maintenance;
12. Record of hazardous chemical substances kept and used on site;
13. Ladder inspections;
14. Machine safety inspections (including machine guards, lock-outs etc
15. Inspection registers and logbooks for lifting machines and –tackle (including daily inspections by drivers/operators);
16. Inspections of scaffolding;
17. Inspections of stacking and storage;
18. Inspections of structures;
19. Pressure equipment inspections; and
20. Inspections of welding equipment.
21. All other applicable records.

4.6 Occupational health and safety goals and objectives and arrangements for monitoring and review of occupational health and safety performance

A client who intends to have Construction Work carried out, must at least 30 days before that work is to be carried out apply to the Provincial Director in writing for a construction work permit to perform construction work if the intended construction work will—

Meet the requirements of the notice issued by the Chief Inspector for the purpose of Construction Regulations.

4.8 Medical Certificates of Fitness (Construction Regulation 7)

As required by Construction Regulation 7(1)(g), the Principal Contractor must ensure that all employees have a valid medical certificate of fitness specific to the construction work to be performed. These certificates must be issued by an occupational health practitioner in the form of Annexure 3.

4.9 Training, awareness and competence

General induction training

All members of the contractor's site management as well as all the persons appointed as responsible for occupational health and safety in terms of the Construction and other Regulations will be required to attend a general induction session.

All employees of the principal and other contractors must be in possession of proof of general induction training.

All subsequent and newly appointed employees must also be subjected to the induction training as soon as possible after the appointment but prior to commencement of construction work on site.

Site-specific induction training

The Principal Contractor will be required to develop a contract work project specific induction training course based on the Risk Assessment for the contract work and train all employees and other contractors and their employees in this.

All employees of the principal and other contractors must be in possession of proof that they have attended a site-specific occupational health and safety induction training at all times.

Other training

All operators, drivers and users of construction vehicles, mobile plant and other equipment must be in possession of valid proof of training and where applicable licenses or proof of competency.

All employees in jobs requiring training in terms of the OHSACT and Regulations must be in possession of valid proof of training.

Occupational health and safety training requirements [as required by the Construction Regulations and as indicated by the occupational health and safety specification and the risk assessment(s)] i.e. -

General induction (Section 8 of the OHSACT);

Site and job specific induction, including visitors (Sections 8 and 9 of the OHSACT);

Site and project manager;

Construction supervisor;

Occupational health and safety representatives [Section 18 (3) of the OHSACT];

Training of the appointees indicated in paragraphs 4.3.1 and 4.3.2;

Operators and drivers of construction vehicles and mobile plant (Construction Regulation 23);

Basic fire prevention and protection (Environmental Regulations 9 and Construction Regulation 29);

Basic first-aid (General Safety Regulations 3);

Storekeeping methods and safe stacking (Construction Regulation 28); and

Emergency, security and fire coordinator.

Awareness

The Principal Contractor is required to have a health and safety awareness programme in place to inform employees and members of public.

The following are some of the methods that may be used:

Toolbox talks, Posters, Visuals, Information Signs

Notices and signs

The following notices and signs must be displayed on the construction site:

Area and/or activity where notice or sign is required	**Notice or sign required in terms of**
Display of notices and signs	General Safety Regulation 2B and SABS Code 1186
Entry	General Safety Regulation 2C(2)
First-aid	General Safety Regulation 3(6)
Toilets and change rooms	Facilities Regulation 2 (5) 4(2)(f)
Storage of flammable materials	General Safety Regulation 4(8)(a)(i) and (ii) [10(e) only applicable to contractor's yards]
Prohibition on smoking and eating or drinking at the workplaces where high risk substances [FR5 (1)] are stored or handled	Facilities Regulation 6(b)
Non-potable water	Facilities Regulation 7(B)

Competence

The Principal Contractor shall ensure that his and other Contractors' employees appointed are competent and that all training required to undertake the work safely and without risk to health of their or other persons, has been successfully completed before work commences.

The Principal Contractor shall ensure that regular training is conducted as the construction work progresses.

Records of all training must be kept in the Principal Contractor Health and Safety file.

4.10 Consultation, communication and liaison

The following arrangements will apply-

Occupational health and safety liaison between the Client, the Principal Contractor, the other contractors, the designer and other concerned parties will be through the occupational health and safety committee. In the absence of a health and safety committee, the Client and Principal Contractor will agree on an alternative communication forum to be implemented.

In addition to the above, communication may be directly to the Client or his appointed Agent, verbally (followed up in writing within 14 calendar days) or in writing, as and when the need arises.

Consultation with the workforce on occupational health and safety matters will be through their supervisors, occupational health and safety representatives, the occupational health and safety committee and their elected trade union representatives, if any.

The Principal Contractor will be responsible for the dissemination of all relevant occupational health and safety information to the other contractors, for example design changes agreed with the Client and the

reporting of hazardous and/or dangerous conditions and/or situations etcetera.

The Principal Contractor will be required to do site safety walks with the Client and/or his Agent on a basis to be determined and agreed between the parties.

The Principal Contractor and other Contractors will be required to conduct toolbox talks with their employees weekly and records of these including the topics discussed must be kept on the Health and Safety File. Proof of attendance register must be kept in the Health and Safety File.

The Construction Manager must attend all the Client's occupational health and safety meetings.

The Client or his Agent and the Principal Contractor will agree on the dates, times and venues of the occupational health and safety meetings.

4.11 Auditing, Inspections, reporting and corrective actions

Monthly Health and Safety audit by Client [Construction Regulation 5(1)(0)]

The Client will be conducting a periodic Health and Safety Audit to comply with Construction Regulation 5(1)(o) and to ensure that the Principal Contractor is implementing and is maintaining the agreed and accepted Health and Safety Plan.

Health and Safety Audits and Inspections by the Client

The Client reserves the right to conduct other ad-hoc health and safety audits and inspections as deemed necessary.

Contractor's Health and Safety Audits and Inspections

The Principal Contractor shall conduct his own internal Health and Safety Audit and Inspections to verify compliance with his own Health and Safety Plan and management system as well as the requirements of this Health and Safety Specification and the compliance of other Contractors under his/her control.

4.11.5 Inspections by occupational health and safety representatives and other appointees

Occupational Health and Safety Representatives must conduct weekly inspections of their areas of responsibility and report thereon to their foreman or supervisor whilst other appointees must conduct inspections and report thereon as specified in their appointments for example vehicle, plant and machinery drivers, operators and users must conduct daily inspections before start-up.

4.11.6 Recording and review of inspection results

All the results of the abovementioned inspections must be in writing, reviewed at Occupational Health and Safety Committee meetings, endorsed by the chairperson of the meeting and placed on the Health and Safety File.

4.11.7 Reporting of Inspection results

The Principal Contractor is required to provide the Client with a monthly report that will include a health and safety risk management on site.

4.12 Incident/Accident reporting and investigation

4.12.1 Reporting of accidents and incidents (Section 24 and General Administrative Regulation 8 of the OHSACT)

The Principal Contractor must report all incidents where an employee is injured on duty to the extent that he/she:

- dies
- becomes unconscious
- loses a limb or part of a limb
- is injured or becomes ill to such a degree that he/she is likely either to die or to

work or continue with the activity for which he/she was usually employed.

or where -

- a major incident occurred
- the health or safety of any person was endangered
- where a dangerous substance was spilled
- the uncontrolled release of any substance under pressure took place
- machinery or any part of machinery fractured or failed resulting in flying, falling or
- uncontrolled moving objects
- machinery ran out of control

to the Client within two days and to the Provincial Director of the Department of Labour within seven calendar days from date of incident (Section 24 of the OHSACT and General Administrative Regulation 8), **except** that, where a person has died, has become unconscious for any reason or has lost a limb or part of a limb or may die or suffer a permanent physical defect, the incident must be reported to both the Client and the Provincial Director of the Department of Labour forthwith by telephone, telefax or e-mail. All other reports should still be completed and provided as required.

The Principal Contractor is required to provide the Client with copies of all statutory reports required in terms of the OHSACT within seven calendar days of the incident occurring.

The Principal Contractor is required to provide the Client with copies of all internal and external accident/incident investigation reports, including the reports contemplated in 4.11.2 (3) and (4) below, within seven calendar days of the incident occurring.

4.12.2 Accident and incident investigation (General Administrative Regulation 9)

4.12.2.1. The Principal Contractor is responsible for the investigation of all accidents and/or incidents where employees and non-employees were injured to the extent that he, she and/or they had to be referred for medical treatment by a doctor, hospital or clinic.

4.12.2. 2. The results of the investigation to be entered into the accident and/or incident register.

4.12.2.3. The Principal Contractor is responsible for the investigation of all minor and non-injury incidents as described in Section 24 (1) (b) and (c) of the OHSACT and keeping a record of the results of such investigations including the steps taken to prevent similar accidents/incidents in future.

4.12.2.4. The Principal Contractor is responsible for the investigation of all road traffic accidents, related to the construction activities, and keeping a record of the results of such investigations including the steps taken to prevent similar accidents in future.

4.12.2.5. The Client reserves the right to hold its own investigation into an incident or call for an independent external investigation.

5. Operational control

5.1 Emergency preparedness, contingency planning and response

5.1.1 The Contractor must appoint a competent person to act as emergency controller and/or coordinator.

5.1.2 The Principal Contractor must conduct an emergency identification exercise and establish what emergencies could possibly develop. He/she must then develop detailed contingency plans and emergency procedures, taking into account any emergency plan that the Client may have in place.

5.1.3 The Principal Contractor and the other contractors must hold regular practice drills of contingency plans and emergency procedures to test them and familiarise employees with them.

5.2 First aid (General Safety Regulation 3)

5.2.1 The Principal Contractor must provide first-aid equipment and have qualified first-aider(s) on site as required by General Safety Regulation 3 of the OHSACT.

5.2.2 The contingency plan of the Principal Contractor must include arrangements for the speedily and timeously transportation of injured and/or ill person(s) to a medical facility or getting emergency medical support to person(s) who may require it.

5.2.3 The Principal Contractor must have firm arrangements with his contractors in place regarding the responsibility of these contractor's first-aid arrangements as well as treatment of injured and/or ill employees.

5.3 Security

5.3.1 The Principal Contractor must establish site access rules and implement and maintain these throughout the construction period. Access control must, amongst others, include the rule that non-employees will not be allowed on site unaccompanied.

5.3.2 The Principal Contractor must develop a set of project applicable security rules and procedures and maintain these throughout the construction period.

5.4 Accommodation of traffic

5.4.1 Where construction work is undertaken in, next to or close to a public road, the use of appropriate as well as a sufficient number of road signs is of paramount importance to protect employees against traffic and to warn all road users of the presence of construction work as well as construction employees/risks/vehicles.

5.4.2 The Principal Contractor shall ensure that appropriate as well as a sufficient number of road signs are posted to protect employees against traffic and to warn all road users of the presence of construction work as well as construction employees/vehicles. These signs shall be repeated and utilised, where appropriate, as actual construction work is approached.

5.4.3 The following signage is required as a minimum where construction work is undertaken in, next to or close to a public road:

5.4.3.1. "Construction work ahead" sign at least 45 meters before the start of the construction work;

5.4.3.2. "Lane narrows" sign 30 meters before the start of the construction work;

5.4.3.3. "Keep right/left" sign 15 meters before the start of the construction work and again where the tapering begins; and

5.4.3.4. Delineators and cones every 5 meters for the entire stretch of construction work.

5.4.4 Where construction work includes excavations in or next to a public road, warning lights or visible boundary indicators should be provided after dark or when visibility is poor.

5.4.5 The maintenance of all signage and especially those that is suitable after dark should be duly managed.

5.4.6 Where appropriate duly trained flag persons should be deployed a good distance ahead of areas where traffic is deviated, or lanes closed off. These flag persons should be managed assertively to ensure that they add optimal value, and should they not do so they should be retrained and if necessary replaced.

5.4.7 The community liaison officer (CLO) should also be sensitised on the optimal management of traffic and the risks involved and then be instructed to increase community awareness through talking to all stakeholders including the distribution of suitable information brochures.

5.5.1 A pre-emptive risk assessment will be required for any work to be carried out from a fall risk position and will be classified as "work in elevated positions".

5.5.2 As far as is practicable, any person working in an elevated position will work from a stable platform, ladder or other device that is at least as safe as if he or she is working at ground level and whilst working in this position be wearing suitable fall arrest equipment to prevent the person falling from the platform, ladder or other device utilised. This fall arrest equipment will be, as far as is possible, secured to a point away from the edge over which the person might fall and the lanyard must be of such a length and strength that the person will not be able to move over the edge.

Alternatively any platform, slab, deck or surface forming an edge over which a person may fall may be fitted with suitable guard rails at two different heights as prescribed in SANS 10085 code of practice for the design, erection, use and inspection of access scaffolding.

5.5.3 Where the requirement in paragraph 5.5.2 is not practicable, the person will be provided with a full body harness that will be worn and attached above the wearer's head at all times and the lanyard must be fitted with a shock absorbing device or the person must be attached to a fall arrest system that is approved by the Client.

5.5.4 Where the requirements in paragraph 5.5.3 are not practicable, a suitable catch net, which must be able to sustain the weight of at least the average person working in the elevated position, must be erected.

5.5.5 Employees working in elevated positions must be trained to do this safely and without risk to their or other person's health and safety.

5.5.6 Where work on roofs is carried out, the risk assessment must take into account the possibility of persons falling through fragile material, i.e., skylights and openings in the roof.

5.5.7 Updated records confirming the physical and psychological fitness of employees working at elevated positions should be kept on the health and safety file at all times.

5.6 Access Scaffolding (Construction Regulation 16)

Access scaffolding must be erected, used and maintained safely in accordance with Construction Regulation 16 and SA Bureau of Standards Code of Practice, SANS 10085 entitled, "The Design, Erection, Use and Inspection of Access Scaffolding". Detailed consideration must be given to all scaffolding to ensure that it is properly planned to meet the working requirements, designed to carry the necessary loadings and maintained in a sound condition. It must also be ensured that there is sufficient material available to erect the scaffolding properly and safely.

Scaffolding must be erected, altered, maintained or dismantled by person(s) who has/have adequate training and experience in this type of work or under the continuous and direct supervision of such a person.

5.7 Lifting Equipment (Construction Regulation 22)

Lifting equipment must be designed and constructed in accordance with the manufactures/designers specifications as well as generally accepted technical standards and operated, used, inspected and maintained in accordance with the manufactures requirements as well as that of the Driven Machinery Regulation 18 of the OHSACT:

The Driven Machinery Regulation requires that:

a. Lifting equipment to be clearly and conspicuously marked with the maximum mass load (MML) that it is designed to carry safely. When the MML varies with the conditions of use, the table of maximum loads should be used by the driver/operator;

b. Each winch on a lifting machine must at all time have, at least, three full turns of rope on the drum when the winch has been run to its lowest limit;

This brake or device must automatically prevent the downward movement of the load when the lifting power is interrupted;

d. Lifting equipment fitted with a load limiting device that automatically arrest the lift when the load reaches its highest safe position or when the mass of the load is greater than the MML;

e. Every chain or rope on a lifting machine that forms an integral part of the machine must have a factor of safety as prescribed by the manufacturer of the machine.

f. Every hook or load attaching device must be designed as such or fitted with a device that will prevent the load from slipping off or disconnecting;

g. Every lifting machine must be inspected and load tested by a competent person every time it has been dismantled and re-erected and every 12 months after that. The load test must be in accordance with the manufacturers prescription or to 110% of the MML in addition all ropes, chains, hooks or other attaching devices, sheaves, brakes and safety devices forming an integral part of a lifting machine must be inspected every 6 months by a competent person;
h. All maintenance, repairs, alterations and inspection results must be recorded in a log book and each lifting machine must have its own log book; and

i. No person may be lifted by a lifting machine not designed for lifting persons unless in a cradle approved by an inspector of the Department of Employment and Labour.

5.8 Lifting Tackle

The following requirements will apply to lifting tackle:

a. Manufactured of sound material, well-constructed and free from latent defects;

b. Clearly and conspicuously marked with an identity number;

c. Maximum mass load factor of safety:
- Natural fibre ropes - 10(ten)
- Man-made fibre ropes and woven webbing - 06(six)
- Steel wire ropes – single rope - 06(six)
- Steel wire ropes – combination slings - 08(eight)
- Mild Steel chains - 05(five)
- High tensile/alloy steel chains - 04(four)

d. Steel wire ropes must be discarded (not used any further for lifting purposes) when wear and corrosion is evident and must be examined by a competent person every three months for this purpose and the results recorded in a designated logbook.

5.9 Construction Vehicle and Mobile (Construction Regulation 23)

The following requirements will apply to Construction Vehicle and Mobile Plant operators:

a. Only certified and/or competent employees may be allowed to operate any construction vehicle and mobile plant.

b. Every lifting machine operator must be trained specifically for the type of lifting machine that he or she is operating.

c. Only employees duly authorised to do so may operate any Construction Vehicle and Mobile Plant.

d. Only employees physically and psychologically fit, i.e. in possession of a medical certificate of fitness, may be allowed to operate any construction vehicle and mobile plant.

Construction vehicles and mobile plant will initially during the competency evaluation process be inspected by the Client prior to being allowed on a project site and suppliers of hired vehicles, plant and equipment will be required to comply with this specification as well as the OHSACT and Regulations.

a. of acceptable design and construction;

b. Maintained in good working order;

c. used in accordance with their design and intention for which they were designed;

d. operated and/or driven by trained, competent and authorised operators/drivers. No unauthorised persons to be allowed to drive construction vehicles and mobile plant;

e. Provided with safe and suitable means of access;

f. Fitted with adequate signalling devices to make movement safe including reversing;

g. Excavations and other openings must be provided with sufficient barriers to prevent construction vehicles and mobile plant from falling into same;

h. Provided with roll-over protection;

i. Inspected daily before start-up by the driver, operator and/or user and the findings recorded in a register/logbook and any defects addressed as matter of urgency;

j. Fitted with two head and two taillights that is in good working condition whilst operating under poor visibility conditions; and

k. Used for transporting persons must have seats firmly secured and sufficient for the number of persons being transported.

No loose tools, material shall be allowed in the driver and/or operators compartment/cabin nor in the compartment in which any other persons are transported.

No person may ride on construction vehicles and mobile plant except for in a safe place designed and provided for this purpose.

The construction site must be organised to facilitate the movement of construction vehicles and mobile plant in such a manner that pedestrians and other vehicles are not endangered. Traffic routes to be suitable, sufficient in number and adequately demarcated.

Construction vehicles and mobile plant left unattended after hours adjacent to roads and areas where there is traffic movement must be fitted with lights, reflectors or adequate barricades to prevent moving traffic from a sudden emergency, or to come into contact with the parked construction vehicles and mobile plant.

In addition construction vehicles and mobile plant left unattended after hours must be parked with all buckets, booms etc. full lowered, the emergency brakes engaged and, where necessary, the wheels chocked, the transmission in neutral and the motor switched off and the ignition key removed and stored safely.

All construction vehicles and mobile plant daily inspection records must be kept in the occupational health and safety file.

5.10 Electrical Installations (Construction Regulation 24)

Any electrical work undertaken as part of the project, including the installation of temporary electricity for construction use shall be in accordance with Construction Regulation 24 and the Electrical Installation Regulations. The Principal Contractor must ensure that:

a. Existing services are to be located and clearly marked before construction commences and during the progress thereof;

b. Where the abovementioned is not possible, employees with jackhammers etc. will be protected against electric shock by the use of suitable protective equipment e.g. rubber mats, insulated handles etcetera;

conditions on site;

d. Temporary electrical installations must be inspected at least once per week by a competent person and a record of the inspections kept on the occupational health and safety file;

e. Electrical machinery used on a construction site must be inspected daily before start-up by the competent driver/operator or any other competent person and a record of the inspections kept on the occupational health and safety file; and

f. A competent person appointed in writing must control all temporary electrical installations.

5.11 Electrical and Mechanical Lockout

An electrical and mechanical lockout procedure must be developed by the Principal Contractor and submitted to the Client for approval before construction commences. All contractors on site must be informed of and adhere to this lockout procedure.

5.12 Storage of Flammable Substances (Construction Regulation 25)

The Principal Contractor must ensure that:

a. No person is required or permitted to work in a place where there is the danger of fire or an explosion due to flammable vapours being present unless adequate precautions is taken;

b. Flammables stored on a construction site are stored in a well-ventilated, reasonably fire-resistant container, cage or room that is kept locked with consistent access control measures in place and sufficient firefighting equipment installed and fire prevention methods practiced for example proper housekeeping;

c. Only one day's quantity of flammable is to be kept in the workplace;

d. Containers (including empty containers) to be kept closed to prevent fumes/vapours from escaping and accumulating in low lying areas; and

e. Welding and other flammable gases to be stored segregated as to the type of gas and empty and full cylinders.

5.13 Hazardous Chemical Substances

The Principal Contractor must ensure that:

a. Employees receive the necessary information and training to be able to use, handle and store Hazardous Chemical Substances safely;

b. The Risk Assessment required in terms of Construction Regulation 9 include employee exposure to hazardous chemical substances and that the necessary measures be taken to protect persons from being detrimentally affected by Hazardous Chemical Substances present or used in the workplace;

c. Suppliers provide the necessary information in the form of material safety data sheets regarding Hazardous Chemical Substances required to ensure the safe use, handling and storage of these substances

d. An up-to-date list is kept on site of Hazardous Chemical Substances stored and used together with the material safety data sheet of the said Hazardous Chemical Substances;

e. Hazardous Chemical Substances containers be clearly marked as to the contents and main hazardous category e.g. "Flammable" or "Corrosive" and the reference number of the Hazardous Chemical Substances on the list indicated above;

f. Hazardous Chemical Substances for example asbestos dust (if applicable) is not cleared by using compressed air but should be vacuumed;

g. No person eats or drinks in an area where Hazardous Chemical Substances are stored or utilised; and

h. Hazardous Chemical Substances waste is disposed of safely in terms of hazardous waste disposal requirements.

5.14 Storage of Flammable and Hazardous Chemicals Substances (Hazardous Chemical Substances Regulations)

See paragraphs 5.12 and 5.13 above.

5.15 Fire prevention and protection

The Principal Contractor must ensure that:

a. The risk of fire is avoided;

b. Sufficient and suitable storage of flammable substances is provided;

c. All employees are instructed in the use of the firefighting equipment and know how to attempt to extinguish a fire;

d. A sufficient number of employees are appointed and trained to act as an emergency team to deal with fires and other emergencies;

e. Employees are informed regarding emergency evacuation procedures and escape routes;

f. Emergency escape routes are kept clear at all times and clearly marked;

g. Evacuation assembly points are demarcated and made known to employees;

h. Evacuation is regularly practiced to ensure that all persons are evacuated timeously and;

i. Roll call is held after evacuation to account for all employees and to ensure that no-one including visitors and disabled persons have been left behind; and

j. A clearly audible, to all persons on site, siren or alarm is fitted and regularly tested.

5.16 Housekeeping (Construction Regulation 27)

The Principal Contractor must ensure that:

a. Housekeeping is continuously implemented and maintained;

b. Materials and equipment is properly stored;

c. Scrap, waste and debris is removed off site regularly.

e. Materials placed for use are placed safely and not allowed to accumulate or cause obstruction to the free-flow of pedestrians and vehicular traffic;

f. Waste and debris not to be removed by throwing from heights but by chute or crane;

g. Where practicable, construction sites are fenced off to prevent entry of unauthorised persons;

h. Catch platforms or -nets are erected over entry and exit ways or over places where persons are working to prevent them being struck by falling objects;

i. An unimpeded workspace is maintained for every employee;

j. Every workplace is kept clean, orderly and free of tools and the likes that are not required for the work being done;

state of repair, skid-free and free of obstruction, waste and materials;

l. The walls and roof of every indoor workplace be sound and leak-free; and

m. Openings in floors, hatchways, stairways and open sides of floors or buildings are barricaded, fenced, boarded over, or provided with protection to prevent persons from falling.

5.17 Stacking and Storage (Construction Regulation 28)

The Principal Contractor must ensure that:

a. A Competent person is appointed in writing to supervise all stacking and storage on a construction site;

b. Adequate storage areas are provided and demarcated;

c. The storage areas are kept neat and under control;

d. The base of any stack is level and capable of sustaining the weight exerted on it by the stack;

e. The items in the lower layers can support the weight exerted by the top layers;

f. Cartons and other containers that may become unstable due to wet conditions are kept dry;

g. Pallets and containers are in good condition and no material is allowed to spill out;

h. The height of any stack does not exceed 3 times the base unless stepped back at least half the depth of single container at least every fifth tier or the approval of an inspector of the Department of Labour has been obtained to build the stacks higher with the aid of a machine. (The operator of the machine must be protected against items falling from overhead or off the stack and no items may overhang);

i. The articles that make up a single tier are consistently of the same size, shape and mass;

j. Structures for supporting stacks are structurally sound and able to support the mass of the stack;

k. No articles are removed from the bottom of the stack first but from the top tier first;

l. Anybody climbing onto a stack can and does do it safely and that the stack is sufficiently stable to support him or her;

m. Stacks that are in danger of collapsing are broken down and restacked;

n. Stability of stacks are not threatened by vehicles or other moving plant and machinery;

o. Stacks are built in a header and stretcher fashion and that corners are securely bonded; and

p. Persons climbing onto stacks do not approach unguarded moving machinery or electrical installations.

5.18 Eating, changing, washing and toilet facilities (Construction Regulation 30)

5.18.1 Toilets

a. The provision of toilets for each sex is required in terms of the National Building Regulations and Construction Regulation 30.

b. Chemical toilets are allowed instead of the water borne sewerage type. Toilets must be provided at a ratio of at least 1 toilet per 30 employees.

At least cold-water showers of some sort for each sex have to be provided at a ratio of at least 1 shower per 15 employees.

5.18.3 Change rooms

Some form of screened off changing facility must be provided separately for each sex.

5.18.4 Eating facility

Some form of eating facility sheltered from the sun, wind and rain must be provided.

5.19 Personal and other Protective Equipment (Sections 8, 15 and 23 of the OHSACT)

The Principal Contractor is required to proactively identify the hazards in the workplace and deal with them on an ongoing basis. He/she must either remove them or, where impracticable take steps to protect employees and make it possible for them to work safely and without risk to health under the hazardous conditions.

Personal protective equipment should, however, be the last resort and there should always first be an attempt to apply re-engineering and other solutions to mitigating hazardous situations before the issuing of personal protective equipment is considered. Where it is not possible to create an absolutely safe and healthy workplace the Principal Contractor is required to inform employees regarding this and issue, free of charge, suitable equipment to protect them from any hazards being present and that allows them to work safely and without risk to health in the hazardous environment.

It is a further requirement that the Principal Contractor maintain the said equipment that he/she instructs and trains the employees in the use of the equipment and ensures that the prescribed equipment is used by the employee/s in a consistent and correct manner.

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

The Principal Contractor may **not charge any fee** for Protective Equipment prescribed by him or her **but may charge for equipment under the following conditions,** following a disciplinary hearing:

- Where the employee requests additional issue in excess of what is prescribed;
- Where the employee has blatantly abused or neglected the equipment leading to early failure; and
- Where the employee has lost the equipment.

5.20 Portable Electrical Tools and Equipment (Electrical Machinery Regulation 9)

Portable electrical tools and equipment includes every unit that takes electrical power from a 15 ampere plug point and is moved around for use in the workplace i.e. drills, saws, grindstones, portable lights, etcetera. In addition electrical appliances such as fridges, hotplates, heaters, etcetera must be inspected regularly but at least on a weekly basis and maintained to the same standards as portable electrical tools and appliances.

The use, inspection and maintenance of portable electrical tools and equipment must be governed by the following:

- Regular inspections by a competent person appointed in writing;
- Inspection results must be recorded in a register;
- Only competent authorised persons are allowed to use portable electrical tools and equipment; and
- The correct protective equipment is worn/used whilst operating portable electrical tools and equipment.
- This equipment - Must be maintained in good condition at all times to prevent an electrical shock to the user;

The main source should incorporate an earth leakage protection device or receive power through a double wound transformer or be double insulated and clearly marked as such; and

5.21 Portable Lights

Where construction work is undertaken in areas where there is insufficient natural illumination to undertake construction work in a safe manner, portable lights that meet the following requirements must be provided:

a. Must be fitted with a robust non-hygroscopic non-conducting handle;

b. Live metal parts which may become live must be protected against contact;

c. The lamp must be protected by a strong guard;

d. The cable lead-in must withstand rough handling;

e. A register be kept for each piece of equipment with findings of regular inspections undertaken to evaluate the condition of these lights;

f. Inspections must be undertaken that concentrate on at least the plug, cord, switch, guard and any obvious faults; and

g. When used in wet/damp/metal container conditions, it must be protected.

5.22 Public Health and Safety (Section 9 of the OHSACT)

The Principal Contractor is responsible for ensuring that non-employees affected by the construction work are made aware of the dangers likely to arise from said construction work as well as the precautionary measures to be observed to avoid or minimise those dangers. This includes among others: non-employees entering the site for whatever reason;

a. the surrounding community; and
b. members of the public.

Appropriate signage must be posted to this effect and all employees on site must be instructed to ensure that non-employees are protected at all times.

All non-employees entering the site must receive site applicable induction into the hazards and risks and the control measures for these.

5.23 Excavations (Construction Regulation 13)

Where excavation work is undertaken as part of the reinstatement of the external storm water lines, these excavations have has to comply with the following:

5.23.1 Excavation work must be carried out under the supervision of a competent person with at least two years practical experience in excavation work who has been appointed in writing. 5.2.23.2 Before excavation work begins the stability of the ground must be evaluated. 5.24.3 Whilst excavation work is being performed, the Principal Contractor must take suitable and sufficient steps to prevent any person from being buried or trapped by a fall or dislodgement of material.

5.23.4 No person may be required or permitted to work in an excavation that has not been adequately shored or braced.

5.23.5 Where the excavation is in stable material or where the sides of the excavation are sloped back to at least the maximum angle of repose measured relative to the horizontal plane, shoring or bracing may be left out **but only after** written permission has been obtained from the appointed competent person.

5.23.6 Shoring and bracing must be designed and constructed to safely support the sides of the excavation and prevent it from collapsing.

5.23.7 Where uncertainty exists regarding the stability of the soil the opinion of a competent professional engineer or professional technologist must be obtained, before excavation proceeds, whose opinion

as the appointed excavation supervisor.

5.23.8 No load or material may be placed near the edge of an excavation if it is likely to cause a collapse of the excavation unless suitable shoring has been installed to be able to carry the additional load. Best practice requires a one meter clearance so as to reduce the pressure on the side walls as well as risk of material falling onto persons inside the excavation.

5.23.9 Neighbouring/adjoining buildings, structures or roads that may be affected or endangered by the excavation must be suitably protected.

5.23.10 Every excavation must be provided with means of access that must be within 6 metres of any employee within the excavation at any time. Should ladders be utilised for this purpose they should be duly secured.

5.23.11 The location and nature of any existing services such as water, electricity, gas, telecommunication etcetera must be established before any excavation is commenced with and any service that may be affected by the excavation must be protected and made safe for employees working in or near in the excavation.

5.23.12 Every excavation, including the shoring and bracing or any other method to prevent a possible collapse, must be inspected by the appointed competent person as follows:

- Daily before work commences
- After an unexpected collapse of the excavation or part thereof
- After substantial damage to any support
- After rain

5.23.13 The results of any inspections must be recorded in a register kept on site in the health and safety file.

5.23.14 Every excavation accessible to the public or that is adjacent to a public road or thoroughfare or that threatens the safety of persons, must be adequately barricaded, or fenced off, on all sides, to at least one meter high and as close to the excavation perimeter as practicable. All such excavations must also be provided with warning lights or visible boundary indicators after dark or when visibility is poor.

5.24 Working in Confined Spaces

When construction work is undertaken in a confined space (such as the basement), the Principal Contractor shall ensure that –

5.24.1 The area is tested with a gas monitor for the presence of any toxic/flammable gas.

5.24.2 If any gas is detected, the areas must be force ventilated by means of a blower for at least 15 minutes where after the air must be tested again.

5.24.3 Under no circumstances may any confined space be entered while there is a toxic/flammable gas present.

5.24.4 No person shall remain within a confined space for a period of more than one hour at a time. A minimum of 5 minute rest periods on the outside in an open area must be taken after this period before re-entering.

5.24.5 Should the alarm sound on the gas monitor, all employees must exit the confined space and the immediate area must also be evacuated immediately. The area must be properly ventilated and re-tested before re-entering the confined space. Professional support should be called for if necessary.

5.24.6 All employees that have to enter a confined space must be formally trained and confirmed competent before being required to enter such areas (new employees to complete this training and be declared competent before allowed to work in a confined space).

5.24.7 After the undertaking of the necessary work in a confined space, the person in charge of the activities must confirm that all the employees are accounted.

5.25 Demolition Work

5.25.1 Demolition work must be carried out under the supervision of a competent person who has been appointed in writing.

5.25.2 A detailed structural engineering survey of the structure to be demolished must be carried out and a method statement on the procedure to be followed in demolishing the structure must be developed by a competent person, before any demolition may be commenced.

5.25.3 As demolishing progresses the structural integrity of the structure must be checked at intervals as determined in the method statement by the appointed competent person in order to prevent any premature or uncontrolled collapse. 5.26.4 Steps must be taken to ensure that where a structure is being demolished:

a. no floor, roof or any other part of the structure is overloaded with debris, material or equipment that would make it unsafe;

b. precautions are taken to prevent the collapse of the structure when any frame, support or reinforcement is cut or removed;

c. shoring or propping is applied where necessary;

d. no employee is required or allowed to work under unsupported overhanging material; and

e. the stability of an adjacent building, structure, road or services is maintained at all times.

5.25.5 The location and nature of any existing services such as water, electricity, gas etcetera must be established before any demolition is commenced with and any service that may be affected by the demolition must be protected and made safe for employees and other persons.

5.25.6 Every stairwell in a building being demolished must be adequately illuminated.

5.25.7 Convenient and safe means of access must be provided and maintained at all times.

5.25.8 A catch platform or net must be erected over every entrance to the building or structure being demolished where the likelihood exists of material or debris falling on employees and/or persons entering and leaving and every other area where the likelihood exists of material or debris falling on employees and/or persons must be fenced or barricaded.

5.25.9 No material may be dropped on the outside of the building unless the area into which it is dropped is fenced off or barricaded.

5.25.10 Waste and debris may only be disposed from a height in a chute with the following design:

a. adequately constructed and rigidly fastened and secured;

b. inclined greater than 45 degrees and enclosed on all four sides;

c. fitted with a gate or control mechanism to control the flow of material that may not freefall down the chute;

d. discharged into a container or a barricaded area; and

e. demolition equipment may only be used on floors or slabs that are able to support it.

5.26 Material Hoists

The Principal Contractor shall:

in accordance with the generally accepted technical standards and are strong enough and free from defects.

b. Cause the tower of every material hoist to be-

c. Erected on firm foundations and secured to the structure or braced by steel wire guy ropes and to extend to such a distance above the highest landing as to allow a clear and unobstructed space of at least 900 mm for over travel;

d. Enclosed on all sides at the bottom, and at all floors where persons are at risk of being struck by moving parts of the hoist, except on the side or sides giving access to the material hoist, with walls or other effective means to a height of at least 2100 mm from the ground or floor level; and

e. provided with a door or gate at least 2100 mm in height at each landing and such door or gate will be kept closed, except when the platform is at rest at such a landing.

f. Cause-

- the platform of every material hoist to be designed in such a manner that it will safely contain the loads being conveyed and that the combined weight of the platform and the load does not exceed the designed lifting capacity of the hoist;
- the hoisting rope of every material hoist which has a remote winch to be effectively protected from damage by any external cause to the portion of the hoisting rope between the winch and the tower of the hoist; and
- every material hoist to be provided with an efficient brake capable of holding the platform with its maximum load in any position when the power is not being supplied to the hoisting machinery.
- Not require or permit trucks, barrows or material to be conveyed on the platform of a material hoist and no person will so convey trucks, barrows or material unless such articles are so secured or contained in such a manner that displacement thereof cannot take place during movement.
- Cause a notice, indicating the maximum mass load which may be carried at any one time and the prohibition of persons from riding on the platform of the material hoist, to be affixed around the base of the tower and at each landing.
- Not require or permit any person to operate a hoist, unless the person is competent in the operation thereof.
- Not require or permit any person to ride on a material hoist.
- Cause every material hoist to be inspected on a daily basis by a competent person who has been appointed in writing and has the experience pertaining to the erection and maintenance of material hoists or similar machinery. This inspection shall include the determination of the serviceability of the entire material hoist including guides, ropes and their connections, drums, sheaves or pulleys and all safety devices. The inspection results shall be entered and signed in a record book, which will be kept on the premises for that purpose and which would become part of the health and safety file at the end of the contract ; and
- Cause every material hoist to be properly maintained and ensure that the maintenance records in this regard are kept on site which should also become part of the health and safety file at the end of the contract.

5.27 Welding, flame cutting or similar operations

5.27.1 A competent person will be appointed to supervise welding, flame cutting or similar operations on site.

5.27.2 The following rules will govern all welding and flame cutting or similar operations:

a. The welder will be trained regarding the safe use/operation of the equipment.

b. The welder and his assistant will be provided with effective and appropriate personal protective equipment and/or clothing.

d. The workplace will be effectively screened off to prevent bystanders from being affected by the welding rays or they will be provided with personal protective equipment.

e. Special precautions will be taken where welding is undertaken in confined spaces e.g., proper, and sufficient ventilation will be provided.

f. In wet or damp conditions, the welding equipment and the welder will be properly insulated and someone will be on standby to assist in the event of any emergency.

g. A qualified person will certify in writing that it is safe to enter and work in a specific confined space before welding or flame cutting is undertaken.

h. No welding, flame cutting, grinding, soldering or similar work shall be undertaken in respect of any drum, vessels or similar object or container where such object or container-

   - is completely closed, unless the rise in internal pressure cannot render it dangerous; or
   - contains any substance which, under the action of heat may explode or react to form dangerous or poisonous substances.

i. Where pressure vessels/welding cylinders containing oxygen or acetylene are transported or used, the proper precautionary measures will be taken against bumping, falling, rolling etcetera.

j. Gas welding hoses may only be joined with approved connectors and clamps.

k. No oil or grease may be applied to oxygen valves and fittings.

l. It is a sound practice to store pressure vessels and/or welding cylinders vertically and to secure them by means of a chain.

m. Acetylene cylinders may never be inclined in excess of 45°.

n. Proper and adequate fire prevention measures will be instituted and maintained for as long as the welding continues.

o. Where explosive and/or flammable vapours are present welding will only be done under "hot work" permits.

5.28 Transportation of Employees

5.28.1 Any vehicle used to transport employees must have seats firmly secured and adequate for the number of employees to be carried. Covid -19 protocol have to be observed in transporting employees.

5.28.2 Regulation 247 of the National Road Traffic Act, Number 93 of 1996 (NRTA) stipulates that the Principal Contractor shall not allow employees to be transported in a vehicle unless the portion of the vehicle in which the employees are being conveyed is enclosed to a height of –

a. at least 350 mm above the surface on which employees are seated; or

b. at least 900 mm above the surface on which employees are standing, in a manner and with a material of sufficient strength to prevent employees from falling from such vehicle when it is in motion.

5.28.3 Regulation 247 of the NRTA also stipulates that the Principal Contractor shall also not allow any employees to be conveyed in the goods compartment of a vehicle together with any tools or goods,

separated by means of a partition, from the portion in which such goods are being conveyed.

5.29 Danger Area

5.29.1 The Principal Contractor, self-employed person or user shall ensure that entry and exit from danger areas is only permitted –

a) at the permanent authorized point of entry or exit: Provided that entry or exit at any other point may be authorized by the explosives manager or a person authorized by him if the authorized gatekeeper has been informed thereof;

b) for persons and vehicles authorized thereto by the explosives manager or a person authorized by him: and

c) to visitors under escort by an authorized person who is aware of the hazards attached to the danger area.

5.29.2 The Principal Contractor shall keep a register of the entries and exits contemplated in subregulation (1) and that register shall be available on the premises for inspection by an inspector.

5.29.3 No person shall –

a) enter or exit the danger area through an unauthorized point of entry or exit;

b) enter or exit the danger area without first submitting themselves to a search by the authorized gatekeeper;

c) enter the danger area with –
   i) tobacco;
   ii) matches, cigarette lighters or other devices capable of generating heat or spark sources;
   iii) intoxicating liquor or narcotics;
   iv) food, medicine or drinkable fluids: Provided that authorization to enter with such articles may be granted by the explosives manager for purposes of consumption in licensed mess rooms and smoking areas: Provided further that special rules for the control of such consumption and smoking, approved by the chief inspector of occupational health and safety shall be made in writing and shall be enforced by the employer, self-employed person or user; or
   v) radio transmitters or cellular telephones; or

d) perform any act or deed that will increase the risk attached to work being performed in a danger area.

5.29.4 The Principal Contractor, self-employed person or user shall ensure that hazard warning signs are clearly displayed at the entrance to any danger area, magazine or workplace.

5.30 Safeguarding of Explosives Workplaces

5.30.1 The Principal Contractor, Self-employed person or user shall ensure that –

a) an explosives workplace is established, erected, operated and maintained in such a manner as to prevent the exposure of persons to hazardous or potentially hazardous conditions or circumstances;

b) no part of the explosives workplace is used for any other purpose not authorized by the explosives workplace licence;

c) all materials used in the construction of a danger building are of a design approved by a professional engineer and acceptable to the chief inspector of occupational health and safety;

d) provision has been made for –
   i) escape routes:

iii) the safety of electrical appliances;
iv) lightning protectors; and
v) vertical clearance between buildings and overhead powerlines of not less than 30 meters;

e) a copy of the special rules, regulations and operating instructions is made readily available to all employees within the danger area;

5.30.2 An The Principal Contractor, self-employed person or user shall –

a) in the event of any abnormal conditions being discovered or any unusual occurrence taking place, cause operations to be stopped immediately: Provided that where this is not possible, owing to the nature of the process, emergency procedures shall be laid down and immediate action taken in terms of those procedures; and

b) notwithstanding authorized licence limits reduce the quantity of explosives, or raw materials, or the number of persons at any one workplace whenever this is reasonably practicable.

c) No person shall manufacture explosives in any manner not provided for in these regulations unless written permission for such manufacture has been obtained from the chief inspector of occupational health and safety.

5.31 Safety Distances

5.31.1 The Principal Contractor, self-employed person or user shall –

a) apply the safety distances for the respective categories of explosives as stipulated in Annexure 1 to these Regulations;

b) where less than five kilograms of explosives is used, apply to the chief inspector of occupational health and safety for a determination of a safety distance which the employer shall enforce;

c) in the case of quantities of class 1.1 and 1.5 explosives exceeding five kilograms, ensure that the structures or areas where they are manufactured, stored, tested or handled in any manner, are mounded:
Provided that where, with the permission of the chief inspector of occupational health and safety, mounds are dispensed with, the distances given in columns (1), (2) and (3) of Annexure 1 shall be doubled. (Refer to Tables in Annexure 1 of the Explosives Regulations).

5.31.2 The Principal Contractor, self-employed person or user may reduce the distances in column (I) of Annexure 1 where ground-covered magazines are used in explosives workplace magazine areas: Provided that the doors of the magazines do not face each other –

a) between magazines: by half the distance; or

b) for magazines behind each other: by three-quarters of the distance.

5.32 Supervision of Explosives Workplace

5.32.1 In order to ensure that the provisions of the Act and these regulations in relation to explosives workplaces are complied with, an employer, self-employed person or user shall, subject to this regulation, in writing appoint a competent and certificated person in a full-time capacity to be explosives manager in respect of every workplace where explosives are being used, tested, stored or manufactured : Provided that the appointment of an explosives manager shall not exempt the employer, self-employed person or user from any liability or responsibility contemplated in section 16 of the Act

experienced, as authorized supervisors to assist the explosives manager appointed in terms of subregulation (1).

5.32.3 The Principal Contractor, self-employed person or user shall ensure that –

a) the explosives manager, without derogating from any other duties imposed on him or her by the Act and these regulations –

i) approves in writing the rules, methods, materials, equipment and tools to be used in the danger area;
ii) ensures that all persons under his or her control are informed of the hazards related to their tasks and are thoroughly trained in safe work procedures, in particular with respect to shock, friction risk of fire, or static electricity, and are familiar with the requirements of these regulations
iii) prescribes all protective clothing and equipment to be used in the danger area: and
iv) ensures that the processes and equipment specified in schedule licences are safe and appropriate for the manufacturing processes envisaged for the workplace.

b) the supervising official, without derogating from any other duties imposed on him or her by the Act and these Regulations –

i) is at all times in a position to exercise control over the operations in the danger building;
ii) reports without delay to the explosives manager any plant or equipment under his or her control that has or may have posed a risk:
iii) ensures that all rules implemented in the interest of health and safety are at all times complied with; and
iv) stops all explosives manufacturing or any work involving explosives if he or she becomes aware of any risk posed to the health and safety of persons.

5.33 Safe handling of explosives

5.33.1 The Principal Contractor, self-employed person or user shall ensure that –

a) all explosives or ingredients thereof are at all times free of foreign material;

b) all reasonable precautions are taken to prevent the spillage of explosives;

c) cleaning procedures in the case of a spillage of explosives are prescribed in writing by the explosives manager: Provided that where no cleaning procedures have been prescribed any unusual spillage of explosives shall be reported immediately to the supervising official:

d) all waste, paper, timber, rags, cotton and similar materials that have been in contact with explosives or an ingredient of an explosive are disposed of in a manner prescribed in writing by the explosives manager: Provided that at the end of the working day all waste and floor sweepings from danger buildings shall be deposited in the designated places;

e) the explosives or partly mixed explosives are conveyed as soon and as carefully as possible and taking such precautions and in such a manner as will effectively guard against any accidental ignition or explosion

f) only containers provided for the conveyance of explosives are used for transporting explosives or partly mixed explosives and that such containers are at all times kept clean, free from grit and in a good state of repair:

g) vehicles containing explosives are left unattended only in designated places

h) except for drying purposes, preparation on burning grounds or testing, explosives are not exposed to direct rays i f the sun or to rain, whether being transported or not; and

5.33.2 The Principal Contractor, self-employed person or user shall ensure that –

after such use, and that no person makes use of any such article that has not been decontaminated after use in a contaminated area; and

b) the certification of the decontamination process contemplated in paragraph (a) is certified and approved by the explosives manager or a person authorized by the explosives manager.

5.33.3 Unless permission has been granted by the chief inspector of occupational health and safety, no person shall use –

a) explosives in workplaces other than explosives workplaces approved by the chief inspector of occupational health and safety; and

b) any explosives for which no provision is made in these regulations.

5.33.4 The Principal Contractor, self-employed person or user shall ensure that –

a) explosives are transported and stored together or separately in the explosives workplace in accordance with the compatibility group assignments given in the South African Code of Practice SABS 0228, The Identification and Classification of Dangerous Goods for Transport; and

b) when explosives can be categorized in more than one group, they are deemed to belong exclusively to the higher risk compatibility group given in the South African Code of Practice SABS 0228: The Identification and Classification of Dangerous Goods for Transport.

5.33.5 No person shall –

a) by leaving explosives unattended allow unauthorized access to such explosives; and

b) bury, dump, hide or abandon any explosives.

5.33.6 No person shall use any explosive material for blasting purposes unless –

a) he or she is in possession of a written permission issued by or under the authority of the chief inspector of occupational health and safety;

b) he or she is undergoing training while using such blasting material under the immediate and constant supervision of a person who is in possession of a permission contemplated in paragraph (a);

c) he or she is trained and is authorized by the chief inspector of occupational health and safety to destroy or test explosives in a licensed workplace; or

d) if the blasting material is used in a workplace other than a manufacturing or testing workplaces he or she –

i) informs the provincial director not less than 24 hours prior to such use; and

ii) is in possession of written permission issued by or under the authority of the chief inspector of explosives.

5.33.7 No person shall permit any other person who is not in possession of such a permission to use any blasting material unless such other person is, while using such blasting material, under the immediate and constant supervision of a person who is in possession of such permission.

5.33.8 Any explosives for which provision is not made in these regulations, shall be used only in such manner and under such conditions as may be prescribed, in writing, by the chief inspector of occupational health and safety.

5.33.9 Any permission issued prior to the date of promulgation of these regulations shall be deemed valid:

shall be complied with within six months of promulgation of these regulations.

5.34 Emergencies

5.34.1 The Principal Contractor, self-employed person or user shall ensure that –

a) an emergency plan is established and implemented;

b) the emergency plan is tested in practice at least once every 12 months: and

c) in the event of a dangerous gas escaping or being emitted all persons evacuate the area immediately.

5.35 Incidents

5.35.1 The Principal Contractor, self-employed person or user shall –

a) notwithstanding the requirements of section 24 of the Act or any other legal requirements, whenever an incident involving explosives occurs, forthwith inform the explosives manager and by means of telephone, facsimile or any other method of communication the chief inspector of occupational health and safety, and shall confirm this report in writing stating full particulars of the incident within seven days of the incident; and

b) where there was a possibility of risk to the health and safety of persons, whether or not persons or property sustained injury or damage as a result, inform the chief inspector of occupational health and safety in writing every month of incidents involving the accidental ignition or detonation of explosives or a danger of such accidental ignition or detonation.

5.36 Closure of Explosives Workplaces

5.36.1 The Principal Contractor, self-employed person or user shall –

a) whenever he or she intends to close an explosives workplace for an indefinite period, or permanently, where reasonably practicable, give at least three months' notice of such intention to the chief inspector of occupational health and safety;

b) ensure that the relevant explosives and ingredients are disposed of in a manner approved by the explosives manager;

c) submit a proof of return of all explosives and ingredients of explosives that had been in the explosives workplace;

d) submit a decontamination and safety certificate to the chief inspector of occupational health and safety prior to the delicensing of the building and danger area: and ensure that no explosives or ingredients of explosives are kept on the premises of an explosives workplace after delicensing.

5.37 Standards of Training

Any accredited or approved training shall be in accordance with the South African Qualifications Authority standards.

5.38 Demolition of asbestos if any

5.38.1 Should any asbestos material be encountered that needs to be removed or demolished, the Principal Contractor shall ensure that:

contractor designated to do so is duly registered as an asbestos contractor with the Department of Employment and Labour

b) A plan of work is developed, approved by an Approved Asbestos Inspection Authority and submitted to the Department of Labour at least 14 days prior to commencement of any asbestos demolition work. Proof that the plan of work was submitted to the Department of Labour should be available in the health and safety file which should be always kept on site.

c) Asbestos waste is only disposed of in a waste disposal site specifically designated for this purpose in terms of the Environment Conservation Act, 1989 (Act 73 of 1989), as amended. A certificate from the designated disposal site should be obtained and submitted to the client for evaluation. A copy of this certificate should also always be available in the health and safety file.

5.39 Health and Safety Policy

5.39.1 The Principal Contractor must provide Health and Safety Policy to the Client which must be included in the health and safety file.

5.39.2 Other OHS related Policies(Drug abuse Policy .Smoking Policy ,Cell phone Policy :as examples)

5.40 Cost for Health and Safety

5.40.1 To enable the Client to comply with Construction Regulation 5(1)(g), all potential principal contractors submitting tenders/bids have to demonstrate to the Client that sufficient provision has been made for the cost to implement and maintain the health and safety plan proposed by the Principal Contractor to meet the requirements of this health and safety specification as well as that of the OHS Act and its Regulations. (Refer to Table 1. Below).

5.40.2 A detailed schedule of costs has to be included in the health and safety plan submitted as part of the potential Principal Contractor's tender document. Failure by the Principal Contractor to adhere to this requirement will force the Client to reject the tender/bid in terms of Construction Regulation 5(1)(h)

5.41 Project Specific Risk Assessment

5.41.1 **IDT Proposed Development of the Planning, Implementation and Development of the Proposed Matlosana Community** ***in accordance with the requirements and the Baseline Risk Assessment to be provided.***

5.41.2 The Principal Contractor shall communicate the anticipated risks and hazards resulting from the design to his employees and reflect the risk mitigation measures in the Safe Work Procedures for the project.

- Compliance: OHS Act – GAR 8 / 13, CR 7
- Procedure: Risk Management Procedure
- Document: Risk Assessment Template
- A formal Risk Based approach shall be enforced on the project to ensure appropriate control measures are implemented to an acceptable principle in managing health and safety by involving a system where residual risk will be reduced (ALARP).
- Contractors shall be responsible to ensure all Hazards pertaining to his scope of activity are proactively identified, risk assessed and appropriately managed on an ongoing basis. The assessment processes shall include changes to operations, processes, personnel and routine and non–routine activities.
- Risk Assessment also shall identify possible and potential environmental, health and hygiene issues pertaining to each hazard with potential exposures and limits.
- The Contractor shall ensure to demonstrate through his risk management process the Hierarchy of Controls stipulated as follows;
-

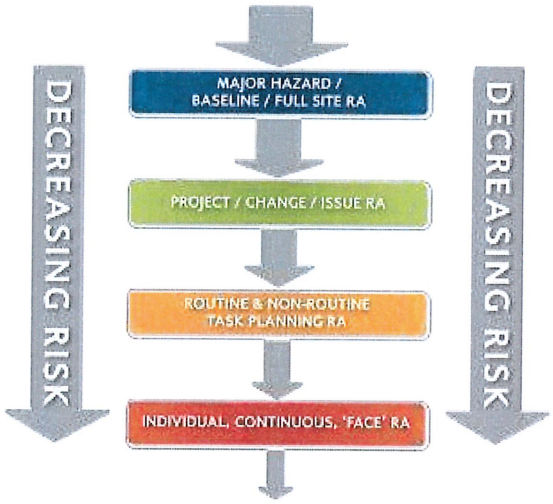
- Substitute-Replacing the material or process with a less hazardous one;
- Redesign-Redesign the equipment or work process;
- Separate-Isolating the hazard by guarding or enclosing it;
- Administrate-Providing control such as training, procedures etc.;
- Personal Protective Equipment (PPE)-Use of appropriate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

5.42 The Risk Management Process

The Risk Management Process shall be based on the Four Layer Approach as defined in the Project Risk

Management Procedure (RMP) and figure below:

- Risk Management Four-layer approach
- HAZOP assessments shall be required for all designs and installations on the project. This shall be in accordance with the Project Risk Management Procedure



See attached Baseline Risk Assessment

Annexure 1: Fulfilment of the Construction Regulations, 2014

In terms of regulation 4(3) of the Construction Regulations, 2014 (hereinafter referred to as the Regulations), promulgated on 7 February 2014 in terms of Section 43 of the Occupational Health and Safety Act, 1993 (Act No 85 of 1993) the Employer shall not appoint a contractor to perform construction work unless the Contractor can satisfy the Employer that his/her firm has the necessary competencies and resources to carry out the work safely and has allowed adequately in his/her tender for the due fulfilment of all the applicable requirements of the Act and the Regulations.

I confirm that I am fully conversant with the Regulations and that my company has (or will acquire/procure) the necessary competencies and resources to timeously, safely and successfully comply with all of the requirements of the Regulations.

....

SIGNATURE **DATE**

(Bidder)

Fulfilment of the Construction Regulations, 2014

In terms of regulation 5(g) we will require the principal contractor to submitting this tender to have made adequate provision for the cost of health and safety measures;

1.I have fully included in my tendered rates and prices (in the appropriate payment items provided in the Schedule of Quantities) for all resources, actions, training and any other costs required for the due fulfilment of the Regulations for the duration of the construction and defects repair period

....

SIGNATURE **DATE**

(Bidder))

Annexure 2. Duties of Principal Contractor and Contractor Construction Regulation 7

(1) A principal contractor must—

(a) provide and demonstrate to the client a suitable, sufficiently documented and coherent site specific health and safety plan, based on the client's documented health and safety specifications contemplated in regulation 5(1)(b), which plan must be applied from the date of commencement of and for the duration of the construction work and which must be reviewed and updated by the principal contractor as work progresses;

(b) open and keep on site a health and safety file, which must include all documentation required in terms of the Act and these Regulations, which must be made available on request to an inspector, the client, the client's agent or a contractor; and

(c) on appointing any other contractor, in order to ensure compliance with the provisions of the Act—

(i) provide contractors who are tendering to perform construction work for the principal contractor, with the relevant sections of the health and safety specifications contemplated in regulation 5(1)(b) pertaining to the construction work which has to be performed;

(ii) ensure that potential contractors submitting tenders have made sufficient provision for health and safety measures during the construction process;

(iii) ensure that no contractor is appointed to perform construction work unless the principal contractor is reasonably satisfied that the contractor that he or she intends to appoint, has the necessary competencies and resources to perform the construction work safely;

(iv) ensure prior to work commencing on the site that every contractor is registered and in good standing with the compensation fund or with a licensed compensation insurer as contemplated in the Compensation for Occupational Injuries and Diseases Act, 1993;

(v) appoint each contractor in writing for the part of the project on the

construction site;

(vi) take reasonable steps to ensure that each contractor's health and safety plan contemplated in subregulation (2)(a) is implemented and maintained on the construction site;

(vii) ensure that the periodic site audits and document verification are conducted at intervals mutually agreed upon between the principal contractor and any contractor, but at least once every 30 days;

(viii) stop any contractor from executing construction work which is not in accordance with the client's health and safety specifications and the principal contractor's health and safety plan for the site or which poses a threat to the health and safety of persons;

(ix) where changes are brought about to the design and construction, make available sufficient health and safety information and appropriate resources to the contractor to execute the work safely; and

(x) discuss and negotiate with the contractor the contents of the health and safety plan contemplated in subregulation (2)(a), and must thereafter finally approve that plan for implementation;

(d) ensure that a copy of his or her health and safety plan contemplated in paragraph (a), as well as the contractor's health and safety plan contemplated in subregulation (2)(a), is available on request to an employee, an inspector, a contractor, the client or the client's agent;

(e) hand over a consolidated health and safety file to the client upon completion of the construction work and must, in addition to the documentation referred to in subregulation (2)(b), include a record of all drawings, designs, materials used and other similar information concerning the completed structure;

(f) in addition to the documentation required in the health and safety file in terms

of paragraph (c)(v) and subregulation (2)(b), include and make available a comprehensive and updated list of all the contractors on site accountable to the principal contractor, the agreements between the parties and the type of work being done; and

(g) ensure that all his or her employees have a valid medical

certificate of fitness specific to the construction work to be performed and issued by an occupational health practitioner in the form of Annexure 3.

(2) A contractor must prior to performing any construction work—

a) provide and demonstrate to the principal contractor a suitable and sufficiently documented health and safety plan, based on the relevant sections of the client's health and safety specification contemplated in regulation 5(1)(b) and provided by the principal

the construction work and which must be reviewed and updated by the contractor as work progresses;

b) open and keep on site a health and safety file, which must include all documentation required in terms of the Act and these Regulations, and which must be made available on request to an inspector, the client, the client's agent or the principal contractor;

c) before appointing another contractor to perform construction work be reasonably satisfied that the contractor that he or she intends to appoint has the necessary competencies and resources to perform the construction work safely;

d) co-operate with the principal contractor as far as is necessary to enable each of them to comply with the provisions of the Act; and

e) as far as is reasonably practicable, promptly provide the principal contractor with any information which might affect the health and safety of any person at work carrying out construction work on the site, any person who might be affected by the work of such a person at work, or which might justify a review of the health and safety plan.

(3) Where a contractor appoints another contractor to perform construction work, the duties determined in subregulation (1)(b) to (g) that apply to the principal contractor apply to the contractor as if he or she were the principal contractor.

(4) A contractor must take reasonable steps to ensure co-operation between all contractors appointed by the principal contractor to enable each of those contractors to comply with these Regulations.

(5) No contractor may allow or permit any employee or person to enter any site, unless that employee or person has undergone health and safety induction training pertaining to the hazards prevalent on the site at the time of entry.

(6) A contractor must ensure that all visitors to a construction site undergo health and safety induction pertaining to the hazards prevalent on the site and must ensure that such visitors have the necessary personal protective equipment.

(7) A contractor must at all times keep on his or her construction site records of the health and safety induction training contemplated in subregulation (6) and such records must be made available on request to an inspector, the client, the client's agent or the principal contractor;.

(8) A contractor must ensure that all his or her employees have a valid medical certificate of fitness specific to the construction work to be performed and issued by an occupational health practitioner in the form of Annexure 3.

I am fully aware of the above duties to be fulfilled by the Principal contractor and contractors and will adhere to it once appointed.

....

SIGNATURE DATE

(Bidder)

Annexure 3: Management and Supervision of Construction work CR8

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

(2) A principal contractor must upon having considered the size of the project, in writing appoint one or more assistant construction managers for different sections thereof: Provided that the designation of any such person does not relieve the construction manager of any personal accountability for failing in his or her management duties in terms of this regulation.

(3) Where the construction manager has not appointed assistant construction managers as contemplated in subregulation (2), or, in the opinion of an inspector, a sufficient number of such assistant construction managers have not been appointed, that inspector must direct the construction manager in writing to appoint the number of assistant construction managers indicated by the inspector, and those assistant construction managers must be regarded as having been appointed under subregulation (2).

(4) No construction manager appointed under subregulation (1) may manage any construction work on or in any construction site other than the site in respect of which he or she has been appointed.

(5) A contractor must, after consultation with the client and having considered the size of the project, the degree of danger likely to be encountered or the accumulation of hazards or risks on the site, appoint a full-time or part-time construction health and safety officer in writing to assist in the control of all health and safety related aspects on the site: Provided that, where the question arises as to whether a construction health and safety officer is necessary, the decision of an inspector is decisive.

(6) No contractor may appoint a construction health and safety officer to assist in the control of health and safety related aspects on the site unless he or she is reasonably satisfied that the construction health and safety officer that he or she intends to appoint is registered with a statutory body approved by the Chief Inspector and has necessary competencies and resources to assist the contractor

(7) A construction manager must in writing appoint construction supervisors responsible for construction activities and ensuring occupational health and safety compliance on the construction site.

(8) A contractor must, upon having considered the size of the project, in writing appoint one or more competent employees for different sections thereof to assist the construction supervisor contemplated in subregulation (7), and every such employee has, to the extent clearly defined by the contractor in the letter of appointment, the same duties as the construction supervisor: Provided that the designation of any such employee does not relieve the construction supervisor of any personal accountability for failing in his or her supervisory duties in terms of this regulation.

(9) Where the contractor has not appointed an employee as contemplated in subregulation (8), or, in the opinion of an inspector, a sufficient number of such employees have not been appointed, that inspector must instruct the employer to appoint the number of employees indicated by the inspector, and those employees must be regarded as having been appointed under subregulation (8).

(10) No construction supervisor appointed under subregulation (7) may supervise any construction work on or in any construction site other than the site in respect of which he or she has been appointed: Provided that if a sufficient number of competent employees have been appropriately designated under subregulation (7) on all the relevant construction sites, the appointed construction supervisor may supervise more than one site.

The above Management and supervision of construction work to be fulfilled by the Principal contractor and contractors

....

SIGNATURE DATE

(Bidder)

Annexure 4: Fulfilment of the Construction Regulations, 2014

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

A detailed specification will be offered :

The notification to commence with construction work made to the Provincial Director of Labour using Annexure 2. (Filled in only to be submitted on approval of the Safety Plan).

- Construction Permit Application will be done by the client
- Letter of Good Standing with Compensation Commissioner or Compensation insurer
- The Contractor's Health, Safety & Environmental Policy, signed by the chief executive officer, which outlines the Contractor's OHSE compliance objectives and how they will be achieved.
- Pre-Construction risk assessment.
- Relevant checklists and registers.
- Site specific OHSE Organogram.
- Preliminary Induction Program.

- Environmental Management Plan.
- Emergency Procedures Plan.
- Proof of competency for all legal appointees
- Construction Manager/Assistant – (Detailed CV)
- Section 16.2 Appointee.
- Construction Work Supervisor and Assistant Construction Work Supervisor.
- Construction H&S Officer – SACPCMP registered
- Risk Assessor – SAMTRAC or equivalent.
- Fall Protection Planner - SAMTRAC or equivalent.
- Demolition work inspector – Registered Engineer or Technologist.

The above OHS Plan requirements to be fulfilled by the Principal contractor and contractors

....

SIGNATURE DATE

(Bidder)

Annexure 5: Contractors Safety File Contents Guideline

#	Description	
1	Notification of Construction to the DOL/ Construction Work Permit	
2	Letter of Good Standing	
3	Employee List and Contact details of next of kin	
4	Certified Employee ID Copies	
5	Organizational Structure	
6	Approved SHE Policy	
7	Approved SHE Plan	
8	Risk Assessments	
9	Tool Registers	
10	Induction Records	
11	Proof of medical fitness for all employees	
12	Statutory Appointment Letters e.g. Safety Officer/ First Aider/Construction work supervisor and etc	
13	Tool inspections	
14	PPE Matrix	
15	PPE Records	
16	Training Records	
17	Safe Working Procedures	
18	Tool box Talks	
19	Equipments Maintenance (Calibrations, Safe Working load certificates etc)	
20	Chemicals substances list/MSDS	
21	Covid-19 Requirement on site	
22	Excavation plan	
23	Scaffolding plan	
24	Section 37 (2) agreement and Declaration of Sub-contractors	
25	Proof of third-party liability cover / works insurance	
26	Copies of Construction Regulations and OHS Act	

1. I am fully aware of the above OHS Evaluation Criteria requirements to be fulfilled by the Principal contractor and contractors

....

SIGNATURE **DATE**
(Bidder)

	Quantity	Duration	Unit price	Total
1 Pre-Construction				
1.1 Compilation of Health and Safety Plan	1	1		R -
1.2 Compilation of Health and Safety File	1	1		R -
			Sub-Total 1	**R -**
2 Personal protective equipment and Life Saving Equipment:				
2.1 Head protection (Hard hats)		1		R -
2.2 Safety glasses / goggles		1		R -
2.3 Gloves		1		R -
2.4 Safety shoes		1		R -
2.5 Overalls		1		R -
2.6 Ear plugs		1		R -
2.7 Rain suits		1		R -
2.8 Safety Harnesses		1		R -
2.9 Retractable lifelines / lifelines		1		R -
2.10 Asbestos Personal Protective Equipment		1		R -
2.11 SANS approved safety netting (orange colour with minimum of 1,2 meters high)		1		R -
			Sub-Total 2	**R -**
3. Training (Health and Safety Education)				
3.1. First Aid Level 1		1		R -
3.2. Fire fighting		1		R -
3.3. Working at Heights (all employees who will conduct work at heights)		1		R -
3.4. Health and Safety Representative		1		R -
3.5. Inhouse Training (E.g. Occupational Health Exposures, Induction Training, Risks & Hazards, etc.)		1		R -
3.6. Other (stipulate)		1		R -
			Sub-Total 3	**R -**
4. Occupational Medicals				
4.1. Entry medical assessments		2		R -
4.2. Exit medical assessments		2		R -
			Sub-Total 4	**R -**
5. Occupational Hygiene Surveys				
5.1 Conducting of applicable Occupational Hygiene Surveys and Health Assessments (Noise, Ergonomics, etc.)	1	1		R -
			Sub-Total 5	**R -**
6. Asbestos Requirements where Applicable				
6.1 Asbestos Management Plan and Method Statement				
6.2 Monitoring of Asbestos Work by an Approved Inspection Authority				
6.3 Removal and safe disposal of Asbestos containing material				
			Sub-Total 6	**R -**
7. Signage				
7.1 Health & Safety Related Signage (General Warning signs, PPE signs, etc.)		1		R -
			Sub-Total 7	**R -**
8. Registered Construction Health & Safety Officer				
8.1 SHE Officer (Full-Time on site and registered with SACPCMP)	1	24		R -
			Sub-Total 8	**R -**
			TOTAL	**R -**

Acknowledgement of Construction Health and Safety (CHS) Cost in the Specifications

I am fully aware of the above **OHS Cost** requirements to be fulfilled by the Principal Contractor and Contractors based on this Specification

.....

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

.....

DATE

CONSTRUCTION HEALTH AND SAFETY SPECIFICATIONS

FOR

PROJECT: PLANNING, IMPLEMENTATION AND DEVELOPMENT OF THE PROPOSED MATLOSANA COMMUNITY LIBRARY

Tender Specific: Construction of Matlosana Community Library

Acknowledgement of receipt of Construction Health and Safety (CHS) Specifications

I am fully aware of the above **CHS Specifications** requirements to be fulfilled by the Principal Contractor and Contractors

....

SIGNATURE **DATE**

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

Construction of Matlosana Library

Sec. No	Final Summary				Amount
1	PRELIMINARIES				
2	BUILDING WORKS				
3	EXTERNAL WORKS (PROVISIONAL)				
4	MECHANICAL WORKS				
5	ELECTRICAL AND ELECTRONICS WORKS				
6	HEALTH AND SAFETY SPECIFICATION				
	Sub-Total (A)				
		UNIT	QTY		
	CLO Allow the sum of R10 000.00 (Ten Thousand Rands) per month for Community Liaison Officer	Month	18.00	R	180,000.00
	PSC Allow the sum of R6 000.00 (Six Thousand Rand) per month for Project Steering Committee	Month	18.00	R	108,000.00
	CONTINGENCY AMOUNT @10%	Item		**R**	**-**
	Contract Price Adjustment Provision	Item	1.00	**R**	**1,500,000.00**
	Sub-Total (B)				
	ADD: Value-Added Tax @ 15%				
	CARRIED TO FORM OF TENDER				

C3 SCOPE OF WORKS

C3.1 Scope of Work

1.1 Employer's objectives

The scope of works is construction of New Matlosana Community Library.

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

- (1) Library
- (2) Guard House
- The scope of work also comprises of external works
- (1) demolitions of existing Ablutions,
- (2) Upgrade and new water supply, soil drainage and stormwater management,
- (3) New paving to parking,
- (4) New walkways,
- (5) Security Fencing (ClearVu)
- (6) Covered Carports,
- (7) Landscaping and Flag Poles
- The scope of work also comprises of Electrical and Mechanical installations.

1.2.1 The Duration of the works is **18 Months**. Contractor to make provision for sectional completion of the works as decanting plan.

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 tittle deed and delimited in the surveyor general diagram MATLOSANA COMMUNITY LIBRARY:

PROJECT NAME	LOCATION	LATITUDE	LONGITUDE
Matlosana Community Library	Jouberton Ext. 16 in City of Matlosana	**-26.9151739**	**26.6007786**

The site is a green field on ERF 16609, located in Jouberton Extension 16, Klerksdorp approximately 12km south-west of Klerksdorp CBD along the N12 and turning left at the Tower Mall four way. The site Coordinates are -26.9151739 latitude & 26.6007786 longitude.

To be communicated to the winning Bidder before construction commences

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 ..... 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.

ANNEXURE A

ARCHITECTURAL DRAWINGS

ANNEXURE B

CIVIL AND STRUCTURAL DRAWINGS

ANNEXURE C

ELECTRICAL AND MECHANICAL DRAWINGS

C4 SITE INFORMATION

C4.1 Site Information

1) DESCRIPTION OF THE WORKS

1.1 THE SITE

PROJECT NAME	LOCATION	LATITUDE	LONGITUDE
Matlosana Community Library	Jouberton Ext. 16 in City of Matlosana	**- 26.9151739**	**26.6007786**

The site is a green field on ERF 16609, located in Jouberton Extension 16, Klerksdorp approximately 12km south-west of Klerksdorp CBD along the N12 and turning left at the Tower Mall four way. The site Coordinates are - 26.9151739 latitude & 26.6007786 longitude.

1.2 WORK AREA

Employer shall make available a work site, free of charge, to the Contractor for the duration of the Contract. The location of the site will be pointed out by the Principal Agent during the site clarification meeting. The Contractor shall submit a site layout plan indicating the proposed working areas, storage, stock piling area, amongst others before for approval by the Project Manager before establishing on site.

The contractor

a. shall take responsibility to locate all buried services prior to excavating
b. is responsible for providing his own equipment in order to determine the location of existing services.
c. is to ensure the protection and integrity of all existing services exposed and encountered through the course of construction activities.
d. must inform the relevant service provider immediately (within 2 hours of incident) such that procedures for the reinstatement of the service can be affected, should he damage or break an existing service (whether known or unknown).

1.3 ACCESS

The Contractor and the Principal Agent shall agree on the exact location for the temporary access.

1.4 GENERAL - Restrictions on site

The construction will happen whilst the rest of the facilities are operational, and the contractor is expected to plan his activities to ensure minimum disturbances to the

operations. Proper barricading must be in place around the working areas and Contractor is to ensure full compliance to occupational, health and safety policies and Acts. The Contractor is to seek confirmation from the Principal Agent before any site establishment.

Contractor to also make use of the decanting plan provided for decanting purposes.

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 NIETVERDIEND SCHOOL FOR THE DEPARTMENT OF EDUCATION, 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 means 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 MEAUSRES

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 complaint 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 complaint 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 arty 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……B.**

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. _____

f

D. _____ _____

For and on behalf of the **Contractor: ……**in his/her capacity as ……, who hereby confirm that he/she is duly authorized.