



INDEPENDENT DEVELOPMENT TRUST

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

**APPOINTMENT OF A CONTRACTOR FOR THE ADDITIONS AND RENOVATIONS
TO CN LEKALAKE SECONDARY SCHOOL FOR THE DEPARTMENT OF
EDUCATION, NORTH WEST PROVINCE.**

BID NO: DOE14NWER012/CON14

CLOSING DATE AND TIME: 21 SEPTEMBER 2026 @ 12H00

Independent Development Trust

SCM / Technical Enquiries

E-mail: NWTenders@idt.org.za

Bidder:.....

CIDB Registration Number:

CSD Registration Number:.....

COIDA / FEM / RMA Certificate Number:.....

CIPC Registration Number

Contact Person:

Contact Details:

Contents

Number	Heading	Page
--------	---------	------

THE BID

Part T1: Bidding procedures

T1.1	Bid Notice and Invitation to Bid	2 – 8
T1.2	Bid Data	9 – 40

Part T2: Returnable documents

T2.1	List of Returnable Documents	41 – 42
T2.2	Returnable Schedules	43 - 94

THE CONTRACT

Part C1: Agreement and Contract Data

C1.1	Form of Offer and Acceptance	95 – 100
C1.2	Contract Data	103 – 126
C1.3	Form of Guarantee	127 – 129
C1.4	Adjudicators Agreement	130 – 132
C1.5	Agreement in terms of Occupational Health and Safety	133 – 135
C1.6	Waiver of Lien	136 - 137

Part C2: Pricing Data

C2.1	Pricing Instructions	138 - 143
C2.2	Bill of Quantities	144 - 341

Part C3: Scope of Work

C3	Scope of Work	342 - 355
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- The scope of works comprises of the construction of thirteen (13) new buildings ((1) Multipurpose Hall, (2) Guard House, (3) Refuse Yard, (4) Administration Block, (5) Multipurpose Classroom and HoD Office and Ablutions, (6) Computer and Science Laboratory, (7) Tuck Shop, (8) Change Rooms, (9) 4 Classrooms and HoD Office Block, (10) 4 Classrooms and HoD Office Block, (11) 4 Classrooms and Ablutions Block, (12) 4 Classrooms and Ablutions Block, (13) Caretaker's Room and Storeroom).
- The scope of work also comprises of renovations and alterations of eight (8) existing buildings ((1) Administration Block to be converted to Computer Lab, (2) Cooking Block to be converted to Home Economics, (3) 4 Classrooms Block to be renovated, (4) 4 Classrooms Block to be renovated, (5) Classrooms Block to be renovated, (6) 4 Classrooms Block to be renovated, (7) Male Ablutions to be renovated, (8) Female Ablutions to be renovated).
- The scope of work also comprises of external works ((1) demolitions of existing small Hall and

concrete slabs, (2) Upgrade and new water supply, soil drainage and stormwater management, (3) New pavings to parking and assembly areas, (4) New covered walkways, (6) Security Fencing (ClearVu), (7) Purchasing of Mobile Classrooms for decanting purposes, (8) Covered Carports, (9) Soccer Field and Combined Courts, (10) Landscaping and Flag Poles).

- The scope of work also comprises of Electrical and Mechanical installations.

Part C4: Site Information

C4.1 Site Information

356 - 357

T1.1 BID NOTICE AND INVITATION TO BID

INDEPENDENT DEVELOPMENT TRUST

T1.1 Bid Notice and Invitation to Bid

APPOINTMENT OF A CONTRACTOR FOR THE ADDITIONS AND RENOVATIONS TO CN LEKALAKE SECONDARY SCHOOL FOR THE DEPARTMENT OF EDUCATION, NORTH WEST PROVINCE.

BID NUMBER: DOE14NWER012/CON14

CLOSING DATE AND TIME: 21 September 2026 @ 12H00

On behalf of the Department of Education, North West Province, the Independent Development Trust, invites bidders for the **APPOINTMENT OF A CONTRACTOR FOR THE ADDITIONS AND RENOVATIONS TO CN LEKALAKE SECONDARY SCHOOL FOR THE DEPARTMENT OF EDUCATION, NORTH WEST PROVINCE.**

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

Documents will be available from the **24 August 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

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 **CN LEKALAKE SECONDARY SCHOOL** IN THE NGAKA MODIRI MOLEMA DISTRICT OF THE NORTH WEST PROVINCE on **02 September 2026@10H00**. The site is accessible from Tawana Cres, Unit 5, Mmabatho. The central coordinates of the site are **-25.831335, 27.605136**. 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. No late arrivals will be allowed in the briefing meeting.

PLEASE NOTE THE FOLLOWING IMPORTANT DATES

- Compulsory Clarification Meeting (Site Briefing) Date: **02 September 2026 @ 10H00**
- Bid Closing Date: 21 September 2026
- 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 ADMINISTRATIVE REQUIREMENTS/ DOCUMENTATION

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

The IDT reserves the right to request information or documentation in accordance with the provisions of the Promotion of Administrative Justice Act (PAJA).

1.2 MANDATORY COMPULSORY REQUIREMENTS/ DOCUMENTATION

- 1.2.1** Letter of Authority for signatory and / or Board / company resolution
- 1.2.2** The bidder must be registered with CIDB and provide CIDB number – Grade 8GB or higher (JV's to hold a consolidated CIDB Grading, which equates to the required grading).
- 1.2.3** The bidder must provide a valid letter of good standing from Department of Labour (COIDA) or FEM certificate. (If JV, all partners must submit COIDA or FEM Certificates)
- 1.2.4** The bidder must be registered with CIPC Company Incorporation Property Commission and provide source of verification (in the case of JV each company must be registered with CIPC).
- 1.2.5** The bidder must be registered on Central Supplier Database (CSD) and provide MAAA Number to verify registration) before submitting the bid.
- 1.2.6** Attendance to the compulsory site briefing meeting - Briefing session attendance register 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.

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 seven (7) working days to submit written proof from the South African Revenue Service (SARS) confirming its tax compliance status, or written proof that the bidder has made an arrangement with SARS to meet its outstanding tax obligations.

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

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

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

Phase 2: Functionality criteria

Phase 2 entails the process of the evaluation of functionality, technical requirements. Only Bidders will meet the threshold of 70% (70 Points) or above 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 90/10 system will be used since the estimated value for this project is above the R50 000 000 (all applicable taxes included).

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

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

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

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

Source Documents to be submitted with the Tender:

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

- CIPC 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 **14 September 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 **21 September 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 ADDITIONS AND RENOVATIONS TO CN LEKALAKE SECONDARY SCHOOL FOR THE DEPARTMENT OF EDUCATION, 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 ADDITIONS AND RENOVATIONS TO CN LEKALAKE SECONDARY SCHOOL FOR THE DEPARTMENT OF EDUCATION, NORTH WEST PROVINCE.– BID NUMBER: DOE14NWER012/CON14
F.1.1	The employer is the Independent Development Trust on behalf of the Department: Education, 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: KVS AND ASSOCIATES Mr. O. Hotane Unit K6, The Palms, Nelson Mandela Drive, Mmabatho, 2735 Tel: (018) 384 0038 E- mail: info@kvsa.co.za
F.2.1 F.2.1.1 F.2.1.1.1	Eligibility Submit a tender offer only if the Tenderer satisfies the criteria stated hereunder and if the Tenderer, or any of his principals, is not under any restriction to do business with the employer (IDT) or the North West Department of Education Only bidders, who meet the following requirements will be eligible for further evaluation. 1.1. MANDATORY ADMINISTRATIVE REQUIREMENTS/ DOCUMENTATION 1.1.1 Submission of fully completed and signed Invitation to Bid (SBD 1). 1.1.2 Submission of fully completed and signed Bidder's Disclosure (SBD 4). 1.1.3 Submission of fully completed and signed Preference Points Claim Form in terms of the Preferential Procurement Regulations 2022 (SBD 6.1). 1.1.4 Confirmation of Receipt of Addenda to Bid Documents, if applicable The IDT reserves the right to request information or documentation in accordance with the provisions of the Promotion of Administrative Justice Act (PAJA). 1.2. MANDATORY COMPULSORY REQUIREMENTS/ DOCUMENTATION 1.2.1 Letter of Authority for signatory and / or Board / company resolution. 1.2.2 The bidder must be registered with CIDB and provide CIDB number – Grade 8GB or higher (JV's to hold a consolidated CIDB Grading, which equates to the required grading). 1.2.3 The bidder must provide a valid letter of good standing from Department of Labour (COIDA) or FEM certificate. (If JV, all partners must submit COIDA or FEM Certificates) 1.2.4 The bidder must be registered with CIPC Company Incorporation Property Commission and provide source of verification (in the case of JV each company must be registered with CIPC). 1.2.5 The bidder must be registered on Central Supplier Database (CSD) and provide MAAA Number to verify registration) before submitting the bid.

F.2.1.1.2	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. Notes: (i) Failure to submit any of the above documents / requirements shall result in disqualification of the bid. (ii) If any of the Directors are in the Employment of the State, the Regulation 13(c) of the Public Service Regulations, 2016 provides that an employee shall not conduct business with any organ of state or be a director of a public or private company conducting business with an organ of state unless such employee is in an official capacity a director of a company listed in schedule 2 and 3 of the Public Finance Management Act. In alignment with Directive on conducting business with an organ of state issued by the minister of Public Service and Administration - 21 February 2024. (iii) If the bidder is listed on National Treasury List of Restricted Suppliers shall result in disqualification of the bid. (iv) If any of its Directors are Listed on the Register of Defaulters shall result in disqualification of the bid. Tax Compliance Status is a mandatory requirement if the bidder is recommended for award. • The bidder must provide it's Tax Compliance Letter with the unique pin for verification. In accordance with National Treasury Instruction No. 9 of 2017/18, the IDT will verify the tax compliance status of the recommended bidder prior to the award of the Bid. Where the recommended bidder is found to be non-compliant with its tax obligations, the IDT will notify the bidder in writing of its non-compliant status and afford the bidder seven (7) working days to submit written proof from the South African Revenue Service (SARS) confirming its tax compliance status, or written proof that the bidder has made an arrangement with SARS to meet its outstanding tax obligations. The bidder's tax compliance status or proof of such arrangement will be verified by the IDT through the applicable SARS/eFiling or Central Supplier Database (CSD) verification process. Should the recommended bidder fail to provide the required written proof within the stipulated seven (7) working days, the IDT will reject the Bid. CIDB Grading In order to be considered for an appointment in terms of this bid, the bidder must be registered with the CIDB, in a contractor grading designation in accordance with the sum tendered for a Grade 8GB class of construction work. Joint ventures are eligible and preferred with particular reference to local participation and as such submit tenders provided that: 1. every member of the joint venture is registered with the CIDB; 2. the lead partner has a contractor grading designation in the Grade 8GB or Higher class of construction work; and 3. the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to 8GB contractor grading designation determined in accordance with the sum tendered for a (GB) General Building class of construction work
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F.2.1.1.3	Key Personnel In order to be considered for an appointment in terms of this bid, the bidder must have the following key personnel in its permanent employment at the close of the bid. Alternatively, a signed undertaking from an organisation having the required personnel, stating that they will undertake the necessary work on behalf of the bidder in terms of a sub-consultant agreement, will be acceptable. Such undertaking must be attached to the “Key Personnel” schedule, Part T2.2: Returnable Schedules. Individuals must be identified for each of the key personnel listed on the “Key Personnel” schedule, Part T2.2: Returnable Schedules. Where the key personnel are no longer accessible to undertake the necessary work after the award of the tender, the contractor shall within a period of 5 working days replace the key personnel listed on the “Key Personnel” schedule, Part T2.2: Returnable Schedules with a person with equivalent competencies and subject to approval by the employer.
F.2.6	Acknowledge addenda Acknowledge receipt of addenda to the bid documents, which the employer may issue, and if necessary apply for an extension to the closing time. If the Addenda has financial implications, failure to acknowledge the addenda may eliminate your bid from evaluation. This is due to incomparability of offers with the rest of the bidders
F.2.7	Clarification Meeting A compulsory site briefing / clarification meeting will be held on 02 September 2026 @ 10h00 at CN Lekalake Middles School. The GPS coordinates are latitude -25.831335 longitude 27.605136. Bidders shall sign the attendance register in the name of the bidding entity. Addenda if any will be issued to bidders appearing on the attendance register. Note: Bidders are advised to allow enough travelling time to the briefing meeting.
F.2.8	Seek clarification Bidders can request clarification of the bid documents, if necessary, by notifying the employer in writing to NWTenders@idt.org.za and Wisdomn@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.
F.2.9	Insurances Refer to contract data for insurance requirements. (Refer to Section C1.2)
F.2.11	Alterations to documents Do not make any alterations or additions to the bid documents, except to comply with instructions issued by the employer, or necessary to correct errors made by the bidder. All signatories to the bid offer shall initial all such alterations. Erasures and the use of masking fluid are prohibited.

Clause number	BID DATA FOR APPOINTMENT OF A CONTRACTOR FOR THE ADDITIONS AND RENOVATIONS TO CN LEKALAKE SECONDARY SCHOOL FOR THE DEPARTMENT OF EDUCATION, NORTH WEST PROVINCE.– BID NUMBER: DOE14NWER012/CON14
F.2.12	Alternative Bid Offers No alternative tender offers will be considered.
F.2.13	Submitting a Bid Offer
F.2.13.4	The bidder will sign the original of the bid offer.
F.2.13.5	The bidder must submit tender offer in a sealed envelope. (Clearly marked APPOINTMENT OF A CONTRACTOR FOR THE ADDITIONS AND RENOVATIONS TO CN LEKALAKE SECONDARY SCHOOL FOR THE DEPARTMENT OF EDUCATION, NORTH WEST PROVINCE.– BID NUMBER: DOE14NWER012/CON14 On submission of Tender documents, the bidder must submit a signed original bid document in hard copy and one softcopy of the bid document using USB-memory stick / Disc (read only). The bid document softcopy on the USB-memory stick should be indexed the same way as the original bid hard copy document, which can be returned back to the bidder after the evaluation process is completed.
F.2.13.6	Two-envelope system – not applicable
F.2.13.7	The employer's details and address for delivery of tender offers and identification details that are to be shown on each tender offer package are: Employer's address: North West Regional Office 4071 Joules Street Industrial Site Mahikeng 2735
F.2.13.9	Identification details: Tender No: DOE14NWER012/CON14 Description: APPOINTMENT OF A CONTRACTOR FOR THE ADDITIONS AND RENOVATIONS TO CN LEKALAKE SECONDARY HIGH SCHOOL FOR THE DEPARTMENT OF EDUCATION, 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 ADDITIONS AND RENOVATIONS TO CN LEKALAKE SECONDARY SCHOOL FOR THE DEPARTMENT OF EDUCATION, NORTH WEST PROVINCE.– BID NUMBER: DOE14NWER012/CON14
F.2.15	Closing Time of Tender
F.2.15.1	The closing time for submission of tender offers is by no later than 21 September 2026 a 12h00. Location of tender box: North West Regional Office 4071 Joules Street Industrial Site Mahikeng 2735 Telephonic, telegraphic, telex, facsimile or e-mailed tender offers will not be accepted.
F.2.16	Tender Offer Validity
F.2.16.1	The bidder is required to hold the bid offer valid for a period of 120 calendar days (from the bid closing date)
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 ADDITIONS AND RENOVATIONS TO CN LEKALAKE SECONDARY SCHOOL FOR THE DEPARTMENT OF EDUCATION, NORTH WEST PROVINCE.– BID NUMBER: DOE14NWER012/CON14																	
F.3.11.8	Scoring Preference Table 1: Specific goals for the tender and points claimed are indicated per the table below. <i>(Note to organs of state: Where either the 90/10 preference point system is applicable, corresponding points must also be indicated as such.</i> <i>Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)</i> <table><tr><th>The specific goals allocated points in terms of this tender</th><th>Number of points allocated (90/10 system) (To be completed by the organ of state)</th><th>Number of points claimed (90/10 system) (To be completed by the tenderer)</th></tr><tr><td>Women Ownership</td><td>3</td><td></td></tr><tr><td>Youth Ownership</td><td>3</td><td></td></tr><tr><td>People with Disabilities Ownership</td><td>2</td><td></td></tr><tr><td>Black Ownership</td><td>2</td><td></td></tr></table> Source Documents to be submitted with the Tender: In order to claim and be awarded points, the following source documents must be submitted with the bid. Failure to submit any of the below source documents will lead to zero point allocation. • CIPC 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 specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Women Ownership	3		Youth Ownership	3		People with Disabilities Ownership	2		Black Ownership	2	
The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)																
Women Ownership	3																	
Youth Ownership	3																	
People with Disabilities Ownership	2																	
Black Ownership	2																	

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

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

B. SIGNED CLIENT REFERENCES ON THE SAME PROJECTS LISTED ABOVE (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 the nearest 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:

- Bidders are required to score minimum points of 70% for Functionality as stated in the tender data
- Bidders who fail to meet the required minimum number of points for functionality as stated in the tender data shall be disqualified
- 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:

- Project list of similar completed projects
- Performance and quality reports from clients / consultants
- Certified certificates of qualification of key staff and CV's including references
- Traceable References for projects completed
- Traceable references for suppliers

Clause number	BID DATA FOR APPOINTMENT OF A CONTRACTOR FOR THE ADDITIONS AND RENOVATIONS TO CN LEKALAKE SECONDARY SCHOOL FOR THE DEPARTMENT OF EDUCATION, NORTH WEST PROVINCE.– BID NUMBER: DOE14NWER012/CON14
F.3.13 F.3.13.1	Acceptance of Bid Offers Bid offers will only be accepted if: a) the bidder has submitted an original valid Tax Clearance Certificate issued by the South African Revenue Services; b) the bidder is registered with the Construction Industry Development Board in an appropriate contractor grading designation; c) the bidder or any of its directors is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector; d) the bidder has not: i) abused the Employer's Supply Chain Management System; or ii) failed to perform on any previous contract and has been given a written notice to this effect; e) the bidder has completed the Declaration of Interest and there are no conflicts of interest which may impact on the bidder's ability to perform the contract in the best interests of the employer or potentially compromise the bid process and persons in the employ of the state are not permitted to submit tenders; f) if there are no conflicts of interest which may impact on the bidder's ability to perform the contract in the best interests of the employer or potentially compromise the bid process g) the bidder has submitted the CIPRO documentation and certified copies of ID's for all directors; h) the bidder completed, signed and witnessed form of offer; i) the bidder is in good standing with Compensation for Occupational Injuries and Disease Act (COIDA) / FEM j) the bidder has submitted a fully priced Bill of Quantities; k) The bidder attended a compulsory briefing session and completed attendance register or certificate of attendance is signed by the representative of the Employer. l) The bidder is required to submit with his bid a Certificate of Contractor Registration issued by the Construction Industry Development Board and proof of Registration on the Central Supplier Database (CSD) with a Compliant Tax Status; copy of the tax clearance with Tax Compliance Pin issued by the South African Revenue Services. M) The bidder and all its directors are South African Citizens (For National Key Point Projects).

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

ANNEXURE F: STANDARD CONDITIONS OF BID

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

Standard Conditions of Tender

F.1 General

F.1.1 Actions

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

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

Note: 1) A conflict of interest may arise due to a conflict of roles which might provide an incentive for improper acts in some circumstances. A conflict of interest can create an appearance of impropriety that can undermine confidence in the ability of that person to act properly in his or her position even if no improper acts result.

2) Conflicts of interest in respect of those engaged in the procurement process include direct, indirect or family interests in the tender or outcome of the procurement process and any personal bias, inclination, obligation, allegiance or loyalty which would in any way affect any decisions taken.

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

F.1.2 Tender Documents

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

F.1.3 Interpretation

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

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

F.1.3.3 For the purposes of these conditions for the calling for expressions of interest, the following definitions apply:

- a) **Conflict of interest** means any situation in which:
 - i) someone in a position of trust has competing professional or personal interests which make it difficult to fulfil his or her duties impartially;
 - ii) an individual or organisation is in a position to exploit a professional or official capacity in some way for their personal or corporate benefit; or
 - iii) Incompatibility or contradictory interests exist between an employee and the organisation which employs that employee.
- b) **Comparative offer** means the tenderer's financial offer after all tendered parameters that will affect the value of the financial offer have been taken into consideration in order to enable comparisons to be made between offers on a comparative basis
- c) **Corrupt practice** means the offering, giving, receiving or soliciting of anything of value to influence the action of the employer or his staff or agents in the tender process; and
- d) **Fraudulent practice** means the misrepresentation of the facts in order to influence the tender process or the award of a contract arising from a tender offer to the detriment of the employer, including collusive practices intended to establish prices at artificial levels

F.1.4 Communication and employer's agent

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

F.1.5 Cancellation and Re-Invitation of Tenders

- F.1.5.1** An employer may, prior to the award of the tender, cancel a tender if-
- a) due to changed circumstances, there is no longer a need for the engineering and construction works specified in the invitation;
 - b) funds are no longer available to cover the total envisaged expenditure; or
 - c) no acceptable tenders are received.
 - d) there is a material irregularity in the tender process.
- F.1.5.2** The decision to cancel a tender invitation must be published in the same manner in which the original tender invitation was advertised.
- F.1.5.3** An employer may only with the prior approval of the relevant treasury cancel a tender invitation for the second time.

F.1.6 Procurement procedures

F.1.6.1 General

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

F.1.6.2 Competitive negotiation procedure

- F.1.6.2.1** Where the tender data require that the competitive negotiation procedure is to be followed, tenderers shall submit tender offers in response to the proposed contract in the first round of submissions. Notwithstanding the requirements of F.3.4, the employer shall announce only the names of the tenderers who make a submission. The requirements of F.3.8 relating to the material deviations or qualifications which affect the competitive position of tenderers shall not apply.
- F.1.6.2.2** All responsive tenderers, or not less than three responsive tenderers that are highest ranked in terms of the evaluation method and evaluation criteria stated in the tender data, shall be invited in each round to enter into competitive negotiations, based on the principle of equal treatment and keeping confidential the proposed solutions and associated information. Notwithstanding the provisions of F.2.17, the employer may request that tenders be clarified, specified and fine-tuned in order to improve a tenderer's competitive position provided that such clarification, specification, fine-tuning or additional information does not alter any fundamental aspects of the offers or impose substantial new requirements which restrict or distort competition or have a discriminatory effect.
- F.1.6.2.3** At the conclusion of each round of negotiations, tenderers shall be invited by the employer to make a fresh tender offer, based on the same evaluation criteria, with or without adjusted weightings. Tenderers shall be advised when they are to submit their best and final offer.
- F.1.6.2.4** The contract shall be awarded in accordance with the provisions of F.3.11 and F.3.13 after tenderers have been requested to submit their best and final offer.

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

F.1.6.3.1 Option 1

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

F.1.6.3.2 Option 2

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

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

F.2 Tenderer's obligations

F.2.1 Eligibility

F.2.1.1 Submit a tender offer only if the tenderer satisfies the criteria stated in the tender data and the tenderer, or any of his principals, is not under any restriction to do business with employer and/or the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector;

F.2.1.2 Notify the employer of any proposed material change in the capabilities or formation of the bidding entity (or both) or any other criteria which formed part of the qualifying requirements used by the employer as the basis in a prior process to invite the tenderer to submit a tender offer and obtain the employer's written approval to do so prior to the closing time for tenders.

F.2.2 Cost of tendering

F.2.2.1

Accept that, unless otherwise stated in the tender data, the employer will not compensate the tenderer for any costs incurred in the preparation and submission of a tender offer, including the costs of any testing necessary to demonstrate that aspects of the offer complies with requirements.

F.2.2.2

The cost of the tender documents charged by the employer shall be limited to the actual cost incurred by the employer for printing the documents. Employers must attempt to make available the tender documents on its website so as not to incur any costs pertaining to the printing of the tender documents.

F.2.3 Check documents

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

F.2.4 Confidentiality and copyright of documents

Treat as confidential all matters arising in connection with the tender. Use and copy the documents issued by the employer only for the purpose of preparing and submitting a tender offer in response to the invitation.

F.2.5 Reference documents

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

F.2.6 Acknowledge addenda

Acknowledge receipt of addenda to the tender documents, which the employer may issue, and if necessary apply for an extension to the closing time stated in the tender data, in order to take the addenda into account.

F.2.7 Clarification meeting

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

F.2.8 Seek clarification

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

F.2.9 Insurance

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

F.2.10 Pricing the tender offer

F.2.10.1 Include in the rates, prices, and the tendered total of the prices (if any) all duties, taxes (except Value Added Tax (VAT), and other levies payable by the successful tenderer, such duties, taxes and levies being those applicable 14 days before the closing time stated in the tender data.

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

F.2.10.3 Provide rates and prices that are fixed for the duration of the contract and not subject to adjustment except as provided for in the conditions of contract identified in the contract data.

F.2.10.4 State the rates and prices in Rand unless instructed otherwise in the tender data. The conditions of contract identified in the contract data may provide for part payment in other currencies.

F.2.11 Alterations to documents

Not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer, or necessary to correct errors made by the tenderer. All signatories to the tender offer shall initial all such alterations. Erasures and the use of masking fluid are prohibited.

F.2.12 Alternative tender offers

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

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

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

F.2.13 Submitting a bid offer

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

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

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

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

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

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

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

F.2.13.8 Accept that the employer shall not assume any responsibility for the misplacement or premature opening of the tender offer if the outer package is not sealed and marked as stated.

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

F.2.14 Information and data to be completed in all respects

Accept that tender offers, which do not provide all the data or information requested completely and in the form required, may be regarded by the employer as non-responsive and as such be disqualified.

Ensure that the employer receives the tender offer at the address specified in the tender data not later than the closing time stated in the tender data. Accept that proof of posting shall not be accepted as proof of delivery.

F.2.15 Closing time

F.2.15.1 Ensure that the employer receives the tender offer at the address specified in the tender data not later than the closing time stated in the tender data. Accept that proof of posting shall not be accepted as proof of delivery.

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

F.2.16 Tender offer validity

F.2.16.1 Hold the tender offer(s) valid for acceptance by the employer at any time during the validity period stated in the tender data after the closing time stated in the tender data.

F.2.16.2 If requested by the employer, consider extending the validity period stated in the tender data for an agreed additional period with or without any conditions attached to such extension.

F.2.16.3 Accept that a tender submission that has been submitted to the employer may only be withdrawn or substituted by giving the employer's agent written notice before the closing time for tenders that a tender is to be withdrawn or substituted.

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

F.2.17 Clarification of tender offer after submission

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

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

F.2.18 Provide other material

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

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

F.2.19 Inspections, tests and analysis

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

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

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

F.2.21 Check final draft

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

F.2.22 Return of other tender documents

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

F.2.23 Certificates

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

F.3 The employer's undertakings

F.3.1 Respond to requests from the tenderer

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

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

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

F.3.2 Issue Addenda

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

F.3.3 Return late tender offers

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

F.3.4 Opening of tender submissions

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

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

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

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

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

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

F.3.6 Non-disclosure

Not disclose to tenderers, or to any other person not officially concerned with such processes, information relating to the evaluation and comparison of tender offers, the final evaluation price and recommendations for the award of a contract, until after the award of the contract to the successful tenderer.

F.3.7 Grounds for rejection and disqualification

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

F.3.8 Test for responsiveness

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

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

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

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

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

F.3.9 Arithmetical errors, omissions and discrepancies

F.3.9.1 Check responsive tenders for discrepancies between amounts in words and amounts in figures. Where there is a discrepancy between the amounts in figures and the amount in words, the amount in words shall govern.

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

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

- ii) the summation of the prices.

F.3.9.3 Notify the tenderer of all errors or omissions that are identified in the tender offer and either confirm the tender offer as tendered or accept the corrected total of prices.

F.3.9.4 .

Where the tenderer elects to confirm the tender offer as tendered, correct the errors as follows:

- a) If bills of quantities or pricing schedules apply and there is an error in the line item total resulting from the product of the unit rate and the quantity, the line item total shall govern and the rate shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line item total as quoted shall govern, and the unit rate shall be corrected.
- b) Where there is an error in the total of the prices either as a result of other corrections required by this checking process or in the tenderer's addition of prices, the total of the prices shall govern and the tenderer will be asked to revise selected item prices (and their rates if bills of quantities apply) to achieve the tendered total of the prices.

F.3.10 Clarification of a tender offer

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

F.3.11 Evaluation of tender offers

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

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

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

Requirement

Fair

Equitable

Transparent

Competitive

Qualitative interpretation of goal

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

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

The only grounds for not awarding a contract to a tenderer who satisfies all requirements are restrictions from doing business with the employer, lack of capability or capacity, legal impediments and conflicts of interest.

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

The activities associated with evaluating tender offers are as follows:

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

F3.11.1 General

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

F.3.12 Insurance provided by the employer

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

F.3.13 Acceptance of tender offer

Accept the tender offer, if in the opinion of the employer, it does not present any unacceptable commercial risk and only if the tenderer:

- a) is not under restrictions, or has principals who are under restrictions, preventing participating in the employer's procurement,
- b) can, as necessary and in relation to the proposed contract, demonstrate that he or she possesses the professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical facilities, managerial capability, reliability, experience and reputation, expertise and the personnel, to perform the contract,
- c) has the legal capacity to enter into the contract,
- d) is not insolvent, in receivership, bankrupt or being wound up, has his affairs administered by a court or a judicial officer, has suspended his business activities, or is subject to legal proceedings in respect of any of the foregoing,
- e) complies with the legal requirements, if any, stated in the tender data, and
- f) is able, in the opinion of the employer, to perform the contract free of conflicts of interest.

F.3.14 Prepare contract documents

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

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

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

F.3.15 Complete adjudicator's contract

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

F.3.16 Registration of the award

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

F.3.17 Provide copies of the contracts

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

F.3.18 Provide written reasons for actions taken

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

SPECIAL CONDITIONS OF TENDER

F.4 Special Conditions of Tender

F.4.1 General

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

F.4.2 Tender Offers

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

Subject To Escalation Price Offer

N/A

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

Fixed Price Offer

√

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

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

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

F.4.3 Market Related Wage Rates

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

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

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

F.4.4 Letter of Intent

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

F.4.5 Information to be Submitted by Tenderers

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

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

F.4.6 Interviews

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

F.4.7 Detailed Construction Programme

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

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

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

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

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

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

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

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

F.4.8 Detailed Cash-flow

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

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

FINANCIAL YEAR
01 APRIL 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, nor its Agents shall be liable for any cost incurred for the award and subsequent withdrawal of the award of the Tender in terms of this clause.

F.4.28 Prices and Net Measurements

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

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

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

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

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

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

F.4.30 Site and Information

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

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

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

F.4.31 Noise

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

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

F.4.32 Water and Electricity

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

F.4.33 Preliminaries Costs

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

F.4.34 Protection of Existing Work

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

F.4.35 Mock-Up / Samples, etc.

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

F.4.36 Substitution of Materials

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

F.4.37 Restriction on Site Access

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

F.4.38 Security

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

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

F.4.39 Safety Requirements

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

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

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

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

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

F.4.40 Budgetary Allowances / Provisional Sums

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

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

F.4.41 Community Liaison Officer (CLO)

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

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

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

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

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

Procedures for local labour recruitment:

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

F.4.42 Contract Skills Development Goal (CSDG)

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

T2.1 LIST OF RETURNABLE DOCUMENTS

T2.1 List of Returnable Documents

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

#	LIST OF RETURNABLE DOCUMENTS	TICK IF ATTACHED
T2.1.1	Invitation to bid (SBD1)	
T2.1.2	Preference Points Claim Form in Terms of PPPFA, Procurement Regulations 2022 (SBD 6.1)	
T2.1.3	Central Supplier Database (CSD) and provide MAAA Number	
T2.1.4	Tax Letter with unique PIN	
T2.1.5	Joint Venture Agreement Between Parties	
T2.1.6	Contractors copy of Company Registration Incorporation	
T2.1.7	CIDB Registration Number	
T2.1.8	Letter of Good standing with Compensation For Occupational And Injuries Diseases 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 Alternatives	
T2.1.16	Socio economic upliftment strategy	
T2.1.17	Contractors health and safety declaration	

T2.2 RETURNABLE SCHEDULES (ALL COMPULSORY)

T2.2 RETURNABLE SCHEDULES

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

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

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

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

T2.1.1 INVITATION TO BID
SBD1

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF DEPARTMENT/ PUBLIC ENTITY)					
BID NUMBER:	DOE14NWER012/CON14	CLOSING DATE:	21 SEPTEMBER 2026	CLOSING TIME:	12H00
DESCRIPTION	BID DATA FOR APPOINTMENT OF A CONTRACTOR FOR THE ADDITIONS AND RENOVATIONS TO CN LEKALAKE SECONDARY SCHOOL FOR THE DEPARTMENT OF EDUCATION, NORTH WEST PROVINCE.				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
IDT North West Regional Office 4071 Joules Street, Industrial Site Mahikeng 2745					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:		
CONTACT PERSON	Andile Matladi		CONTACT PERSON	Wisdom Norgbey	
TELEPHONE NUMBER			TELEPHONE NUMBER		
FACSIMILE NUMBER			FACSIMILE NUMBER		
E-MAIL ADDRESS	NWTenders@idt.org.za		E-MAIL ADDRESS	NWTenders@idt.org.za	
SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	TICK APPLICABLE BOX] ☐ Yes ☐ No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT ☐ Yes ☐ No		
[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES & QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]					
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	☐ Yes ☐ No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?		☐ Yes ☐ No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS					
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?			☐ YES ☐ NO		
DOES THE ENTITY HAVE A BRANCH IN THE RSA?			☐ YES ☐ NO		
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?			☐ YES ☐ NO		
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?			☐ YES ☐ NO		
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?			☐ YES ☐ NO		
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.					

PART B TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:	
1.1.	BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
1.2.	ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.
1.3.	THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
1.4.	THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).
2. TAX COMPLIANCE REQUIREMENTS	
2.1	BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
2.2	BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
2.3	APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.
2.4	BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
2.5	IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
2.6	WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
2.7	NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

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

SIGNATURE OF BIDDER:

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

DATE:

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

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

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

1. GENERAL CONDITIONS

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

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

1.2 To be completed by the organ of state

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

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

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

1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

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

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

2. DEFINITIONS

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

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1 THE 90/10 PREFERENCE POINT SYSTEMS

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

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

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

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

3.2.1. POINTS AWARDED FOR PRICE

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

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

Where

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

4. POINTS AWARDED FOR SPECIFIC GOALS

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

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

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

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

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

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

Source Documents to be submitted with the Bid or RFQ

*CIPC Document	(Company Registration Document will be required for verification (CIPC DOC))
*Woman	(Originally Certified ID Document)
*Youth	(Originally Certified ID Document)
*People with Disability	(Letter from the Dr. Confirming the Disability)
*Black Ownership	(Originally Certified ID Document)

DECLARATION WITH REGARD TO COMPANY/FIRM

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

4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

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

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

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

.....

SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME:

DATE:

ADDRESS:

.....

.....

.....

Source Documents to be submitted with the Bid or RFQ

- *CIPC Document (Company Registration Document will be required for verification (CIPC DOC))
- *Woman (Originally Certified ID Document)
- *Youth (Originally Certified ID Document)
- *People with Disability (Letter from the Dr. Confirming the Disability)
- *Black Ownership (Originally Certified ID Document)

T2.1.3 CENTRAL SUPPLIER DATABASE

Attached hereto is my / our Central Supplier Database report.

IMPORTANT NOTES:

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

T2.1.4 TAX CLEARANCE CERTIFICATE

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

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

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

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

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

T2.1.5 JOINT VENTURE AGREEMENT – IF APPLICABLE

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

T2.1.6 CONTRACTOR'S COPY OF REGISTRATION OF INCORPORATION

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

T2.1.7 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 (CIDA OR
TENDER LETTER OBTAIN FROM DEPARTMENT OF LABOUR OR
FEMA)REGISTRATION CERTIFICATE**

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

T2.1.9 COMPULSORY ENTERPRISE QUESTIONNAIRE

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

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

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

T2.1.10 BIDDER’S DISCLOSURE

BIDDER’S DISCLOSURE

1. PURPOSE OF THE FORM

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

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

2. Bidder’s declaration

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise, employed by the state? **YES/NO**

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

Full Name	Identity Number	Name of State institution

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

2.2.1 If so, furnish particulars:
.....
.....

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

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

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

3 DECLARATION

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

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

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

3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.

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

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

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

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

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

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

.....
Signature

.....
Date

.....
Position

.....
Name of bidder

T2.1.11 CERTIFICATE OF ATTENDANCE AT COMPULSORY BRIEFING

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

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

Particulars of person(s) attending the meeting:

Name: Signature:
Capacity: Identity number:

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

Name: Signature:
Capacity: Date and Time:

T2.1.12 CERTIFICATE OF AUTHORITY FOR SIGNATORY

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

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

(I) CERTIFICATE FOR COMPANY

I,, Id numberchairperson 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 Noand 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 Noand any contract resulting from it, on our behalf.

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

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

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

(V) CERTIFICATE FOR SOLE PROPRIETOR

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

Signature of Sole owner:

As Witnesses:

1.

2.

Date:

T2.1.13 RECORD OF ADDENDA TO THE TENDER DOCUMENTS

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

Attach additional pages if more space is required.

Signed _____

Date _____

Name _____

ID number _____

Position _____

Tenderer _____

T2.1.14 TENDERER'S FINANCIAL STANDING

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

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

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

Name of account holder: _____

Name of Bank : _____

Branch : _____

Account number : _____

Type of account : _____

Telephone number : _____

Facsimile number : _____

Name of contact person (at bank : _____

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

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

SIGNATURE: _____

IDENTITY NUMBER: _____

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

DATE: _____

T2.1.15 AMENDMENTS, QUALIFICATIONS AND ALTERNATIVES

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

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

(a) AMENDMENTS

PAGE, CLAUSE OR ITEM NO	PROPOSED AMENDMENT

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

(b) ALTERNATIVES

PROPOSED ALTERNATIVE	DESCRIPTION OF ALTERNATIVE

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

(c) DISCOUNTS

ITEM ON WHICH DISCOUNT IS OFFERED	DESCRIPTION OF DISCOUNT OFFERED

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

SIGNATURE: IDENTITY NUMBER:

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

DATE:.....

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

Notes:

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

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

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

T2.1.17 CONTRACTOR'S HEALTH AND SAFETY DECLARATION

In terms of Clause 5(1)(h) of the OHSA 1993 Construction Regulations 2014 (referred to as "the Regulations" hereafter), a Contractor may only be appointed to perform construction work if the Employer is satisfied that the Contractor has the necessary competencies and resources to carry out the work safely in accordance with the Occupational Health and Safety Act No 85 of 1993 and the OHSA 1993 Construction Regulations 2014.

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

Declaration by Tenderer

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

SIGNATURE: _____

IDENTITY NUMBER: _____

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

DATE: _____

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

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

(PLEASE ATTACHED HERE)

T2.2.2 EVALUATION SCHEDULE: PROJECT EXPERIENCE

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

.....

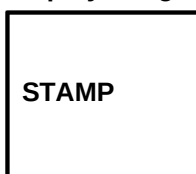
Employer’s contact person:

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:.....



T2.2.4 EVALUATION SCHEDULE: CLIENT REFERENCES

EVALUATION SCHEDULE: EXPERIENCE ON BUILT ENVIRONMENT PROJECTS REFERENCES

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

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

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

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

PROJECT B:

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

Employer:.....

Contract Amount:.....

Contract Duration:.....

Actual Contract Duration:.....

RATE SERVICE PROVIDER ON THEIR OVERALL PERFORMANCE

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

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

.....

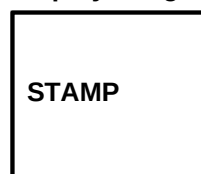
Employer’s contact person:

Telephone:

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

Employer Signature:.....

Date:.....



T2.2.4 EVALUATION SCHEDULE: CLIENT REFERENCES

EVALUATION SCHEDULE: EXPERIENCE ON BUILT ENVIRONMENT PROJECTS REFERENCES

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

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

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

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

PROJECT C:

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

Employer:.....

Contract Amount:.....

Contract Duration:.....

Actual Contract Duration:.....

RATE SERVICE PROVIDER ON THEIR OVERALL PERFORMANCE

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

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

.....

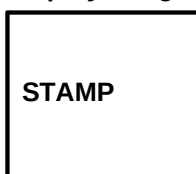
Employer’s contact person:

Telephone:

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

Employer Signature:.....

Date:.....



T2.2.4 EVALUATION SCHEDULE: CLIENT REFERENCES

EVALUATION SCHEDULE: EXPERIENCE ON BUILT ENVIRONMENT PROJECTS REFERENCES

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

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

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

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

PROJECT D:

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

Employer:.....

Contract Amount:.....

Contract Duration:.....

Actual Contract Duration:.....

RATE SERVICE PROVIDER ON THEIR OVERALL PERFORMANCE

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

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

.....

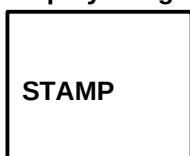
Employer’s contact person:

Telephone:

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

Employer Signature:.....

Date:.....



T2.2.4 EVALUATION SCHEDULE: CLIENT REFERENCES

EVALUATION SCHEDULE: EXPERIENCE ON BUILT ENVIRONMENT PROJECTS REFERENCES

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

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

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

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

PROJECT E:

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

Employer:.....

Contract Amount:.....

Contract Duration:.....

Actual Contract Duration:.....

RATE SERVICE PROVIDER ON THEIR OVERALL PERFORMANCE

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

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

.....

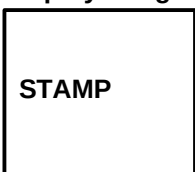
Employer’s contact person:

Telephone:

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

Employer Signature:.....

Date:.....



T2.2.5 EVALUATION SCHEDULE: KEY PERSONNEL

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

The Tenderer shall list below the personnel that he intends to utilize on the Works. 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:.....

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

[illegible]

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

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

86

EVALUATION SCHEDULE: CV FOR SITE AGENT

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

Certification:

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

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

.....
DATE

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

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:
<u>Employment Record:</u> 		
<u>Experience Record Pertinent to Required Service:</u> 		

Certification:

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

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

.....
DATE

.....
INCUMBANT'S IDENTITY NUMBER

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:
<u>Employment Record:</u> 		
<u>Experience Record Pertinent to Required Service:</u> 		

Certification:

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

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

.....
DATE

.....
INCUMBANT'S IDENTITY NUMBER



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 ADDITIONS AND RENOVATIONS TO CN LEKALAKE SECONDARY SCHOOL FOR THE DEPARTMENT OF EDUCATION, NORTH WEST PROVINCE.– BID NUMBER: DOE14NWER012/CON14

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

By the representative of the Tenderer, deemed to be duly authorised, signing this part of this Form of Offer and Acceptance, the Tenderer offers to perform all of the obligations and liabilities of the Contractor under the Contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the Conditions of Contract identified in the Contract Data.

The offered total of the prices inclusive of Value Added Tax is:.....

Amount in Words:

.....
.....

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

..... 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 and conditions contained in this Agreement and in the Contract that is the subject of this Agreement.

The terms of the contract are contained in

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

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

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

The Tenderer shall deliver the Guarantee in terms of Clause 7 of the General Conditions of Contract 2004 within the period stated in the Contract Data, and he shall, immediately after receiving a completed copy of this Agreement, including the Schedule of Deviations (if any), contact the Employer's agent (whose details are given in the Contract Data) to arrange the delivery of any other bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the Conditions of Contract identified in the Contract Data, within 14 days of the date on which this Agreement comes into effect. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this Agreement.

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

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

C. SCHEDULE OF DEVIATIONS

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

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

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C1.2 CONTRACT DATA

INDEPENDENT DEVELOPMENT TRUST

APPOINTMENT OF A CONTRACTOR FOR THE ADDITIONS AND RENOVATIONS TO CN LEKALAKE SECONDARY SCHOOL FOR THE DEPARTMENT OF EDUCATION, NORTH WEST PROVINCE – BID NUMBER: DOE14NWER012/CON14

C1.2 Contract Data for BID NO: DOE14NWER012/CON14

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

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

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

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

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

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

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

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

	Change the Definition of "CONTRACT SUM" to read as follows: The total of prices in the Form of Offer and Acceptance. Change the Definition of "INTEREST" to read as follows: The interest rates applicable to this contract, whether specifically indicated in the relevant clauses or not, will be the rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999). A monetary guarantee [CD] provided by the employer to the contractor, or vice versa, in terms of this agreement from which either party may recover expense and loss in the event of default Add the following to the list of definitions: SCHEDULE means the variables listed in the Contract Data. DATE OF SITE HANDOVER means the date the contractor is given possession of the site, which shall always be after the signing of the agreement and approval of the construction permits from the relevant authorities including Departments of Labour and Environmental Affairs and local municipality (where applicable). EXCEPTIONALLY INCLEMENT WEATHER means weather which is not only extreme or severe but exceeding that which, on the evidence of the past ten years, could reasonably 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:-
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Clause	Amendments
	6.5 Where any agent fails to act or is unable to act, or ceases to be an agent, in terms of this agreement, the Employer shall appoint an interim agent within 10 working days from the date of the employer being aware of such event pending procurement of a replacement agent through normal employer's SCM processes.
9.0	INDEMITIES Clause 9.0 is amended by the addition of the following clause:- Clause 9.1.4. Physical loss or damage to an existing structure in the works that are the subject of the contract and to existing structures as well. Delete 9.2.7. Delete 9.2.10.
10.0	INSURANCES Clause 10.0 is amended by the addition of the following clauses to the end thereof: 10.12 Damage to the works (a) Without any way limiting the contractor's obligations in terms of the contract, the contractor shall bear the full risk of damage to and/or destruction of the works by whatever cause during construction of the works and hereby indemnifies and holds harmless the employer against any such damage. The contractor shall take such precautions and security measures and other steps for the protection and security of the works as the contractor may deem necessary. (b) The contractor shall at all times proceed immediately to remove or dispose of any debris arising from damage or destruction of the works and to rebuild, restore, replace and/or repair the works. (c) Where the employer bears the risk in terms of this contract, the contractor shall, if requested to do so, reinstate any damage or destroyed portions of the works and the costs of such reinstatement shall be measured and valued in terms of 32.0 hereof. 10.13 Injury to Persons or loss of or damage to Properties (a) The contractor shall be liable for and hereby indemnifies the employer against any liability, loss, claim or proceeding whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever arising out of or in the course of or caused by the execution of the works unless due to any act or negligence of any person for whose actions the employer is legally liable (b) The contractor shall be liable for and hereby indemnifies the employer against any liability, loss, claim or proceeding consequent upon loss of or damage to any moveable, or immovable property or personal property or property contiguous to the site, whether belonging to or under the control of the employer or any other body or person, arising out of or in the course of or by reason of the execution of the works unless due to any act or negligence of any person for whose actions the employer is legally liable. (c) The contractor shall upon receiving a contract instruction from the principal agent cause the same to be made good in a perfect and workmanlike manner at his own cost and in default thereof the employer shall be entitled to cause it to be made good and to recover the cost therefore from the contractor or to deduct the same from amounts due to the contractor. (d) The contractor shall be responsible for the protection and safety of such portions of the premises placed under his control by the employer for the purpose of executing the works until the issue of the certificate of practical completion.

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

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

12.0	DUTIES OF THE PARTIES Delete clause 12.1.1 Delete clause 12.1.10 Clause 12.0 is further amended by adding the following clauses: 12.4 The contractor shall: 12.4.1 Immediately on award of the contract and prior to the commencement on site, the contractor shall prepare a working programme covering the first month of the construction period. This working programme shall be prepared in conjunction with the principal agent and shall be subject to his approval.
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Clause	Amendments
	During the first month of the construction period the contractor shall prepare and draw up the programme for the balance of the works for approval by the principal agent 12.4.2 This programme shall be drawn up in accordance with the dates in the agreement for possession, sectional completion and practical completion and shall be in sufficient and approved detail to ensure control over the works. 12.4.3 The programme shall be compiled based on the Critical Path Method of Programming with the critical activities clearly highlighted. It shall be compiled in such a way that logic is not constrained by resource limitations unless specifically approved by the principal agent. 12.4.4 Documentation will not be available in complete detail at the commencement stage. However the contractor, in conjunction with the principal agent, shall progressively plan the works on provisional information available and with sufficient scope to include future detail without disrupting the basic logic initially approved by the principal agent. The quantities contained in these bills of quantities are provisional and shall be utilized as a guide only for the drawing up of the programme. Where assumptions are made in regard to programming aspects, such assumptions shall be recorded in the programme. 12.4.5 The programme shall be updated and modified to accommodate a material change in circumstances or whenever reasonably required by the principal agent. Any acceleration and/or special measures sanctioned by the principal agent together with associated effects shall be incorporated in a revision to the programme. 12.4.6 The programme (including each revision thereof) shall be prepared in conjunction with the principal agent and shall be subject to his approval. The approval of the principal agent shall be deemed to be given on the basis that the contractor represents that the programme complies with the requirements of this agreement. The contractor shall be responsible at all times for maintaining the accuracy, validity and reasonableness of the programme and the implementation thereof. The fact that a programme has been prepared in conjunction with the principal agent or approved by him shall not release or relieve the contractor from any of his obligations or responsibilities under this agreement. Without derogating from the foregoing, the contractor shall at all times bear the onus to demonstrate that the programme complies with the requirement of this agreement and, where applicable constitute an appropriate baseline programme for any purpose in connection with this agreement. 12.4.7 The contractor and the principal agent shall, at regular intervals not exceeding one month, assess the state of progress of the works relative to the latest agreed revision of the programme. Such agreement shall include the recording of actual commencement and completion dates for each activity and shall constitute the official record of the progress at such point in time. 12.4.7 The contractor shall comply with his tendered subcontractors as stipulated in clause 4.6. 12.5 The contractor shall not remove, cut back or disturb trees and shrubs without a contract instruction from the principal agent. (Specific requirements of the employer must be described) 12.6 The contractor shall ensure that any relics, treasure or other articles of potential value found on the site remain the property of the employer and shall be handed over to the principal agent who shall be the sole arbiter of what is an article of value.

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

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

19.0	PRACTICAL COMPLETION Amend Clause 19.0 by adding the following clauses: 19.4.1. In the event of failure as contemplated in the main clause, The employer reserves the right to issue a practical completion list in excess of the principal agent list or in replacement thereof. 19.4.2. No default Practical completion will be deemed to be given, in light of sub clause 19.4.1 19.8 Without derogating from the generality of the requirements for practical completion the following specific requirements shall apply: 19.8.1 Defects occurring after the issue of the practical completion list requiring remedial work that will, in the opinion of the principal agent, cause disruption, will cause the issue of the certificate of practical completion to be withheld until such defects have been rectified to the satisfaction of the principal agent. 19.8.2 The following certificates of compliance shall be required (excluding others that may be required by the local/national authority) from the contractor to achieve practical completion and completion certificate shall be invalid if one of them is missing: a) A certificate from the contractor that all aspects of the construction regulations of 2003 have been complied with. b) A certificate from the contractor that the National Building Regulations have been complied with c) An occupancy certificate d) occupational Health and Safety certificate e) A certificate of compliance with respect to plumbing and drainage f) An electrical certificate of compliance g) A certificate of compliance with respect to all glazing h) A certificate of compliance and fire clearance certificate from the contractor and fire chief respectively. i) A galvanizing and painting guarantee. j) All mechanical certificate of compliance. k) All structural certificate of compliance. l) A palisade certificate of compliance. m) A smoke extraction certificate of compliance. n) A fire signage certificate of compliance. o) A tiling certificate of compliance. p) A waterproofing certificate of compliance. q) A generator guarantee. r) Commissioning reports s) Maintenance and operational manuals t) Training of end users on equipment, etc. u) Any other applicable guarantees. 19.8.3 A complete set of maintenance and operating manuals together with all workmanship and material warranties and guarantees are to be compiled and issued to the principal agent prior to practical completion being granted. In addition to the abovementioned documentation, a formal "on site" handover will be required to be conducted with every discipline in the presence of the contractor as well as the applicable services subcontractor. Delete Clause 19.6 and replace with the following clauses: 19.6 Notwithstanding anything to the contrary contained in the contract, should the contractor in the opinion of the principal agent not have achieved practical completion of any area of the works, the employer may, notwithstanding the contractor's ongoing responsibilities, take possession of any such area and such possession by the employer shall not in any way be construed that practical completion has been achieved. In such event, the principal agent shall give written notice to the contractor that the employer is taking immediate possession of any particular area/s without practical completion having been achieved in order to mitigate the employer's damages and exposure to loss or expense.
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Clause	Amendments
	19.6.1 In the event of the Employer taking occupation of the works or part thereof prior to practical completion being achieved, but on or after the date for practical completion, the employer shall: (a) Have the principal agent issue a practical completion list(s) prior to such occupation (b) Grant the contractor thereafter all reasonable access to expeditiously attend to the items on the practical completion list(s) Add clause 19.9 to Clause 19.0 to read as follows: 19.8 After the issue of the certificate of practical completion, entry upon the works to make good defects shall be at such reasonable times as shall be agreed by the principal agent. The contractor shall not receive any mark-up for overheads and profit on any omission of tenant installation work or tenant installation work by others. Claims of loss of profit shall not be entertained.
22.0	LATENT DEFECT LIABILITY PERIOD Amend Clause 22.1 to read as follow: 22.1 The latent defect liability period for the works shall commence at the start of the construction period and end 10 years from the certified date of final completion. Amend 22.2.1 to read as follow: 22.2.1 Where termination of this agreement occurs before the date of final completion, the latent defect liability period shall end 10 Years from the date of termination (29.10; 29.23) for the completed portion of the works only. Delete clause 22.2
23.0	REVISION OF THE DATE FOR PRACTICAL COMPLETION Amend 23.2 to read as follow: 23.2 The contractor is entitled to a revision of the date for practical completion with an adjustment of the contract value (26.0) by the principal agent subject to a written approval from the employer, for a delay to practical completion caused by one or more of the following events:- Amend 23.7 to read as follow: 23.7. The principal agent shall, within twenty (20) working days of receipt of the claim, with the written consent of the employer, grant in full, reduce, refuse the working days claimed, and:

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

26.0	ADJUSTMENT OF THE CONTRACT VALUE AND FINAL ACCOUNT Add the followings sub clauses to clause 26.1. 26.1.1. Upon receipt of the change request, the Principal Agent must professionally consider the merits of the change request and make a recommendation to the employer. 26.1.2. The Principal Agent shall not have the power to approve any deviation or variation which has financial implications on the Employer without the necessary written approval of the Employer, except under emergency circumstances wherein failure to undertake the work may result in loss of life.
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Clause	Amendments
	26.1.3. The Employer must communicate the approval of the change request in writing to the Principal Agent and the Principal Agent shall, upon receipt of confirmation of the change request, issue the necessary Contract Instruction to the contractor to undertake the works. 26.1.4. The Contractor shall not commence with any change request Works without proof of the written approval of the Variation Order from the Employer, except under circumstances mentioned in paragraph 26.1.2 above. 26.1.5 Should the Contractor undertakes the change request Works without the necessary written approval of the change request from the Employer, the Contractor shall be entirely liable for any financial and any related implications and hereby indemnify and hold harmless the Employer from and against any and all claims, actions, damages, liabilities, injuries, costs, fees, expenses, or losses, including and without limitation, reasonable attorney's fees and costs of investigation and litigation, whatsoever which may be incurred by, or for which liability may be asserted against, the Employer arising out of the Contractor's performance or non-performance of unauthorized works, but only to the extent caused by the negligent acts, errors or omissions of the Contractor. 26.1.6. The Contractor shall not accept any instructions from any party, including beneficiary Department, other than the Principal Agent. Amend clause 26.7 to read as follow: 26.7 The principal agent, in consultation with the employer, shall assess the claim and on approval by the employer, shall adjust the contract value within twenty (20) working days of receipt of such details.
27.0	RECOVERY OF EXPENSE AND/OR LOSS 27.1.4. Delete
28.0	SUSPENSION BY THE CONTRACTOR Amend clause 28.1. to read as follow: 28.1 The contractor may give fourteen (14) Working days' notice to the employer and the principal agent of the intention to suspend the works where the employer and the principal agent have failed to: Add the followings clause to clause 28.0: 28.5. The date of resumption of works shall be the date on which the default has been remedied by the employer.

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

Contract Agreement

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

Clause Number	Contract Agreement		
	(2) Contractor : Physical Address : Telephone : Fax : E-mail : TAX / Vat Registration no : 42.3 The accepted contract sum (inclusive of tax) (amount) (In words) _____ _____ _____ 42.4 Signature of the contracting parties: Thus done and signed at _____ on _____ <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> _____ Name of signatory _____ Capacity of signatory Thus done and signed at _____ on _____ _____ Name of signatory _____ Capacity of signatory </td> <td style="width: 50%; vertical-align: top;"> _____ For and on behalf of the employer who by signature hereof warrants authorisation hereto _____ As Witness (1) _____ For and on behalf of the contractor who by signature hereof warrants authorisation hereto _____ As Witness (2) </td> </tr> </table>	_____ Name of signatory _____ Capacity of signatory Thus done and signed at _____ on _____ _____ Name of signatory _____ Capacity of signatory	_____ For and on behalf of the employer who by signature hereof warrants authorisation hereto _____ As Witness (1) _____ For and on behalf of the contractor who by signature hereof warrants authorisation hereto _____ As Witness (2)
_____ Name of signatory _____ Capacity of signatory Thus done and signed at _____ on _____ _____ Name of signatory _____ Capacity of signatory	_____ For and on behalf of the employer who by signature hereof warrants authorisation hereto _____ As Witness (1) _____ For and on behalf of the contractor who by signature hereof warrants authorisation hereto _____ As Witness (2)		

Clause Number	Contract Agreement										
	<table><tr><td>Details of Witness (1)</td><td>Details of Witness (2)</td></tr><tr><td>Name: _____</td><td>Name: _____</td></tr><tr><td>Address: _____</td><td>Address: _____</td></tr><tr><td>_____</td><td>_____</td></tr><tr><td>_____</td><td>_____</td></tr></table>	Details of Witness (1)	Details of Witness (2)	Name: _____	Name: _____	Address: _____	Address: _____	_____	_____	_____	_____
Details of Witness (1)	Details of Witness (2)										
Name: _____	Name: _____										
Address: _____	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..... **2023**

AS WITNESSES:

1. _____

For and on behalf of the **Employer:**

.....
in his/her capacity as Acting Regional
General Manager

2. _____

For and on behalf of the **Employer:**

.....
in his/her capacity as the Programme
Manager.

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

AS WITNESSES:

1. _____

3. _____

For and on behalf of the **Service
provider:**

.....
in his/her capacity as Director, who
hereby confirm that he/she is duly
authorised hereto.

C1.3 FORM OF GUARANTEE

C1.3 FORM OF GUARANTEE

APPOINTMENT OF A CONTRACTOR FOR THE ADDITIONS AND RENOVATIONS TO CN LEKALAKE SECONDARY SCHOOL FOR THE DEPARTMENT OF EDUCATION, NORTH WEST PROVINCE.– BID NUMBER: DOE14NWER012/CON14

Contract No.:

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

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

AND WHEREAS

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

NOW THEREFORE WE,

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

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

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

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

_____ (R_____)

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

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

IN WITNESS WHEREOF this guarantee has been executed by us at

on this _____ day of _____ 20_____

As witnesses:

1. _____ Signature _____

2. _____ Signature _____

Duly authorized to sign on behalf of

Address _____

C1.4 ADJUDICATOR'S AGREEMENT

C1.4: Adjudicator's Agreement

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

(name of company / organisation)

of (address)

.....and the Contractor

(name of company / organisation)..... of

(address)

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

and

(name)

of (address)

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

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

.....

for (contract title)

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

(* Delete as necessary)

IT IS NOW AGREED as follows:

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

either Party.

6. **SIGNED by:**

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

Name:.....**Name:**..... **Name:**

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

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

the **Adjudicator** in the presence
of

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

Name:.....**Name:**..... **Name:**

Address:Address: Address:

.....

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

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

Refer Overleaf:

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

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

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

.....
in his capacity as:
;

AND:

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

.....
in his capacity as:

duly authorised to sign on behalf of the Contractor.

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

TENDER:

APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NEW TECHNICAL WORKSHOPS TO ADDITIONS AND RENOVATIONS TO CN LEKALAKE SECONDARY SCHOOL FOR THE DEPARTMENT OF EDUCATION, NORTH WEST PROVINCE.– BID NUMBER: DOE14NWER012/CON14

at CN LEKALAKE MIDDLE SCHOOL

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

NOW THEREFORE the parties agree as follows:

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

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

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

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

on this the day of 20.....

SIGNATURE:

NAME AND SURNAME:

CAPACITY:

WITNESSES: 1.

2.

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

the day of 20.....

SIGNATURE:

NAME AND SURNAME:

CAPACITY:

WITNESSES: 1.

2.

C1.6 Waiver of Lien

Refer Overleaf:



Waiver of Contractor's Lien

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

DEFINITIONS

Contractor_____

Employer_____

Agreement_____
(Principal Building Agreement
or Minor Works Agreement)

Works (description)_____

Site_____
(property title deed description)

AGREEMENT

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

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

Thus done and signed at_____on

Name of signatory

Capacity of signatory

As witness

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

JBCC Series 2000 || Code 2121 July 2007

C2: PRICING DATA

C2.1 PRICING INSTRUCTIONS

C2: PRICING DATA

C2.1 Pricing Instructions

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

18 The adjustment of the Preliminary and General Section shall apply notwithstanding the actual employment of resources in the execution of the works. The contract value used for the adjustment of the Preliminary and General Section shall exclude any contingency sum, the amount

for the Preliminary and General Section and any amount in respect of contract price adjustment provided for in the contract. Adjustments in respect of any staged or sectional completion shall be prorated to the value of each section.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

C2.2 BILL OF QUANTITIES

Section No. 1:
Preliminaries and General

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Item No		Quantity	Rate	Amount
	<u>SECTION NO.1</u>			
	<u>BILL NO. 1</u>			
	<u>PRELIMINARIES AND GENERAL</u>			
	<u>BUILDING AGREEMENT AND PRELIMINARIES</u>			
	The JBCC Principal Building Agreement (Edition 6.2 - May 2018) prepared by the Joint Building Contracts Committee shall be the applicable building agreement, amended as hereinafter described The JBCC Principal Building Agreement contract data form an integral part of this agreement The JBCC General Preliminaries (May 2018) published by the Joint Building Contracts Committee for use with the JBCC Principal Building Agreement (Edition 6.2 - May 2018) shall be deemed to be incorporated in these bills of quantities, amended as hereinafter described The contractor is deemed to have referred to the abovementioned documents for the full intent and meaning of each clause The clauses in the abovementioned documents are hereinafter referred to by clause number and heading only Where any item is not relevant to this agreement such item is marked N/A signifying "not applicable" Where standard clauses or alternatives are not entirely applicable to this agreement such amendments, modifications, corrections or supplements as will apply are given under each relevant clause heading and such amendments, modifications, corrections or supplements shall take precedence notwithstanding anything to the contrary contained in the abovementioned documents			
	Carried Forward		R	
	Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General			

Brought Forward	R
<u>PREAMBLES FOR TRADES</u>	
The General Preambles for Trades 2017 published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities and no claims arising from brevity of description of items fully described in the said General Preambles will be entertained Supplementary preambles and/or specifications are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles and/or specifications shall take precedence over the provisions of the General Preambles The contractor's prices for all items throughout these bills of quantities shall take account of and include where applicable for all of the obligations, requirements and specifications given in the General Preambles and in any supplementary preambles and/or specifications	
<u>STRUCTURE OF THIS PRELIMINARIES BILL</u>	
Section A : A recital of the headings of the individual clauses in the aforementioned JBCC Principal Building Agreement Section B : A recital of the headings of the individual clauses in the aforementioned JBCC General Preliminaries Section C : Any special clauses to meet the particular circumstances of the project	
<u>PRICING OF PRELIMINARIES</u>	
Should the contractor select Option A in the contract data for the adjustment of preliminaries, the amounts entered against the relevant items in these preliminaries are to be divided into one or more of the three categories provided namely fixed (F), value related (V) and time related (T)	
Carried Forward	R
Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General	

	Brought Forward		R
	<u>SECTION A: PRINCIPAL BUILDING AGREEMENT</u>		
	<u>Interpretation (A1-A7)</u>		
1	Clause 1.0 - Definitions and interpretation Pricing of bills of quantities The contractor is to allow opposite each item for all costs in connection therewith. All prices to include, unless otherwise stated, for all materials, fabrication, conveyance and delivery, unloading, storing, unpacking, hoisting, labour, setting, fitting and fixing in position, cutting and waste (except where to be measured in accordance with the standard system of measurement), patterns, models and templates, plant, temporary works, returning of packaging, duties, taxes (other than Value Added Tax), imposts, establishment charges, overheads, profit and all other obligations arising out of this agreement. Value Added Tax (VAT) is to be separately stated on the summary page of these bills of quantities Items left unpriced will be deemed to be covered in prices against other items throughout these bills of quantities and no claim for any extras arising out of the contractor's omission to price any item will be entertained Prices for all construction equipment, temporary works, services and other items shall include for the supply, maintenance, operating cost and subsequent removal and making good as necessary Abbreviated descriptions The items in these bills of quantities utilise abbreviated descriptions. It is the intention that the abbreviated descriptions be fully described when read with the applicable measuring system and the relevant preambles and/or specifications. However, should the full intent and meaning of any description not be clear, the contractor shall, before submission of his tender, call for a written directive from the principal agent, failing which it shall be assumed that the contractor has allowed in his pricing for materials and workmanship in terms of international best practice		
	Carried Forward		R
	Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General		

	Brought Forward		R	
	Legal status of contractor If the contractor constitutes a joint venture, consortium or other unincorporated grouping of two or more persons then: 1. These persons are deemed to be jointly and severally liable to the employer for the performance of this agreement 2. These persons shall notify the employer of their leader who has assigned authority to bind the contractor and each of these persons 3. The contractor shall not alter its composition or legal status without the prior written consent of the employer F:..... V:..... T:.....			
2	Clause 2.0 - Law , regulations and notices F:..... V:..... T:.....	Item		
3	Clause 3.0 - Offer and acceptance F:..... V:..... T:.....	Item		
4	Clause 4.0 - Cession and assignment F:..... V:..... T:.....	Item		
5	Clause 5.0 - Documents Value Added Tax Provision is made in the summary page of these bills of quantities for the inclusion of Value Added Tax (VAT)			
	Carried Forward		R	
	Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General			

	Brought Forward		R
	Priced document as specification Clause 5.4 is deemed to be deleted The principal agent shall decide which portion of the priced document may be used as a specification of materials and goods or methods, if any Electronic issue of drawings All drawings for this project will be issued electronically and the contractor shall be deemed to have received such drawings on the date that such drawings have been dispatched electronically [5.6] F:..... V:..... T:.....		
6	Clause 6.0 - Employer's agents Principal Agent: KVS and ASSOCIATES Postal address: P.O. Box 5123 Mmabatho Code: 2735 Tel: 018 381 0038 Fax: E-mail: info@kvsa.co.za The authority of the principal agent to issue contract instructions [17.1] and perform duties for specific aspects of the works is delegated to agents as follows [6.2]. This does not preclude the principal agent from issuing such contract instructions: 1. <u>Architect</u>	Item	
	Carried Forward		R
	Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General		

Brought Forward	R
1.1 Duties [6.2] : The architect is responsible for the architectural design, functional design and quality inspection of the works 1.2 Contract instructions [6.2; 17.1] : 1.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement 1.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works 1.2.3 The site [13.0] 1.2.4 Compliance with the law, regulations and bylaws [2.1] 1.2.5 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works 1.2.6 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2] 1.2.7 Removal or re-execution of work 1.2.8 Removal or substitution of any materials and goods 1.2.9 Protection of the works 1.2.10 Making good physical loss and repairing damage to the works [23.2.2] 1.2.11 Rectification of defects [21.2]	
Carried Forward	R
Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General	

Brought Forward	R
1.2.12 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion , a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion	
1.2.13 Expenditure of budgetary allowances, prime cost amounts and provisional sums	
1.2.14 Appointment of a subcontractor [14.0; 15.0]	
1.2.15 Work by direct contractors [16.0]	
1.2.16 On suspension or termination, protection of the works , removal of construction equipment and surplus materials and goods [29.0]	
2. <u>Quantity surveyor</u>	
2.1 Duties [6.2] :	
The quantity surveyor is responsible for all measurements, valuations, financial assessments and all other quantity surveying and cost control functions of the works	
2.2 Contract instructions [6.2; 17.1] :	
2.2.1 No contract instructions delegated to the quantity surveyor	
3. <u>Civil and structural engineer</u>	
3.1 Duties [6.2] :	
The civil and structural engineer is responsible for all aspects of civil and structural engineering design and quality inspection of the works	
3.2 Contract instructions [6.2; 17.1] :	
Carried Forward	R
Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General	

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Brought Forward		R
3.2.1	Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement	
3.2.2	Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works	
3.2.3	The site [13.0]	
3.2.4	Compliance with the law , regulations and bylaws [2.1]	
3.2.5	Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works	
3.2.6	Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]	
3.2.7	Removal or re-execution of work	
3.2.8	Removal or substitution of any materials and goods	
3.2.9	Protection of the works	
3.2.10	Making good physical loss and repairing damage to the works [23.2.2]	
3.2.11	Rectification of defects [21.2]	
3.2.12	A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion , a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion	
3.2.13	Expenditure of budgetary allowances, prime cost amounts and provisional sums	
4.	<u>Mechanical engineer</u>	
Carried Forward		R
Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General		

Brought Forward	R
4.1 Duties [6.2] : The mechanical engineer is responsible for all aspects of mechanical engineering design and quality inspection of the works and, where appointed by the employer for quantity surveying services in respect of the mechanical installations, for all measurements, valuations, financial assessments and all other quantity surveying and cost control functions 4.2 Contract instructions [6.2; 17.1] : 4.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement 4.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works 4.2.3 Compliance with the law, regulations and bylaws [2.1] 4.2.4 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works 4.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2] 4.2.6 Removal or re-execution of work 4.2.7 Removal or substitution of any materials and goods 4.2.8 Protection of the works 4.2.9 Making good physical loss and repairing damage to the works [23.2.2] 4.2.10 Rectification of defects [21.2]	
Carried Forward	R
Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General	

Brought Forward	R
4.2.11 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion , a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion	
4.2.12 Expenditure of budgetary allowances, prime cost amounts and provisional sums	
5. <u>Electrical engineer</u>	
5.1 Duties [6.2] :	
The electrical engineer is responsible for all aspects of electrical engineering design and quality inspection of the works and, where appointed by the employer for quantity surveying services in respect of the electrical installations, for all measurements, valuations, financial assessments and all other quantity surveying and cost control functions	
5.2 Contract instructions [6.2; 17.1] :	
5.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement	
5.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works	
5.2.3 Compliance with the law , regulations and bylaws [2.1]	
5.2.4 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works	
5.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]	
5.2.6 Removal or re-execution of work	
Carried Forward	R
Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General	

Brought Forward		R	
5.2.7 Removal or substitution of any materials and goods			
5.2.8 Protection of the works			
5.2.9 Making good physical loss and repairing damage to the works [23.2.2]			
5.2.10 Rectification of defects [21.2]			
5.2.11 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion , a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion			
5.2.12 Expenditure of budgetary allowances, prime cost amounts and provisional sums			
6. <u>Wet services engineer</u>			
6.1 Duties [6.2] :			
The wet services engineer is responsible for all aspects of wet services engineering design and quality inspection of the works			
6.2 Contract instructions [6.2; 17.1] :			
6.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement			
6.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works			
6.2.3 Compliance with the law , regulations and bylaws [2.1]			
6.2.4 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works			
Carried Forward		R	
Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General			

Brought Forward		R	
6.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]			
6.2.6 Removal or re-execution of work			
6.2.7 Removal or substitution of any materials and goods			
6.2.8 Protection of the works			
6.2.9 Making good physical loss and repairing damage to the works [23.2.2]			
6.2.10 Rectification of defects [21.2]			
6.2.11 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion , a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion			
6.2.12 Expenditure of budgetary allowances, prime cost amounts and provisional sums			
7. <u>Fire consultant</u>			
7.1 Duties [6.2] :			
The fire consultant is responsible for all aspects of rational fire design and quality inspection of the works			
7.2 Contract instructions [6.2; 17.1] :			
7.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement			
7.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works			
7.2.3 Compliance with the law , regulations and bylaws [2.1]			
Carried Forward		R	
Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General			

Brought Forward 7.2.4 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works 7.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2] 7.2.6 Removal or re-execution of work 7.2.7 Removal or substitution of any materials and goods 7.2.8 Protection of the works 7.2.9 Making good physical loss and repairing damage to the works [23.2.2] 7.2.10 Rectification of defects [21.2] 7.2.11 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion, a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion 7.2.12 Expenditure of budgetary allowances, prime cost amounts and provisional sums 8. <u>Health and safety consultant</u> 8.1 Duties [6.2] : The health and safety consultant is responsible for all aspects of health and safety of the works. Without derogating from the generality thereof, the health and safety consultant will perform the following specific functions and duties in respect of the health and safety aspects of the works. He shall: 8.1.1 Act as the employer's agent in terms of the Construction Regulations issued in terms of the Occupational Health and Safety Act, 1993 as amended		R	
Carried Forward Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General		R	

[illegible]

	Brought Forward		R
	The employer shall provide to the contractor a guarantee for payment in the amount of N/A.....Rand (R.....N/A.....) [11.5.1]. The contractor shall consequently waive his lien or right of continuing possession of the works [11.10] Extension of waiver of lien The contractor shall ensure that a waiver of lien is included in all subcontracts and that the works executed on the site are kept free of all liens and other encumbrances at all times [11.10] F:..... V:..... T:..... <u>Execution (A12 - A17)</u>	Item	
12	Clause 12.0 - Obligations of the parties Office accommodation The contractor shall provide, maintain and remove on practical completion air conditioned office accommodation with suitable tables and chairs for meetings to be held on the site. Such offices shall be kept clean and fit for use at all times [12.2.18] Notice board The contractor shall erect in a position approved by the principal agent, maintain and remove on practical completion a notice board recommended by the South African Institute of Architects and as approved by the principal agent listing the names and logos of the employer, the contractor and the professional consultants. No subcontractor or supplier notice boards may be erected unless permission is granted by the principal agent for such notice boards to be erected [12.2.18] Statutory and other notices		
	Carried Forward		R
	Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General		

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

	Brought Forward		R	
	The contractor shall submit and/or comply with all statutory and other notices that may be required by any local or other authority in order not to cause any delay to the commencement of the works by the contractor. The contractor shall pay all deposits or fees in this regard It is, however, specifically recorded that the employer shall be responsible for the timeous approval of building plans by any local or other authorities and the payment of any fees or charges related thereto F:..... V:..... T:.....			
13	Clause 13.0 - Setting out F:..... V:..... T:.....	Item		
14	Clause 14.0 - Nominated subcontractors F:..... V:..... T:.....	Item		
15	Clause 15.0 - Selected subcontractors F:..... V:..... T:.....	Item		
16	Clause 16.0 - Direct contractors Attendance on direct contractors In respect of direct contractors the contractor shall: 1. Designate an area for the direct contractor to establish a temporary office and workshop and storage of equipment and materials 2. Allow the use of personnel welfare facilities, where provided			
	Carried Forward		R	
	Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

	Brought Forward		R
	3. Provide water, lighting and single phase electric power to a position within 50m of the place where the direct contract work is to be carried out, other than fuel or power for commissioning of any installation 4. Permit the direct contractor to use erected scaffolding, hoisting facilities, etc provided by the contractor, in common with others having the like right, while it remains erected on the site [16.1] F:..... V:..... T:.....	Item	
17	Clause 17.0 - Contract instructions Site instructions Instructions issued on site are to be recorded in a site instruction book which is to be supplied and maintained on site by the contractor F:..... V:..... T:..... <u>Completion (A18 - A24)</u>		
18	Clause 18.0 - Interim completion	N/A	
19	Clause 19.0 - Practical completion F:..... V:..... T:.....	Item	
20	Clause 20.0 - Completion in sections F:..... V:..... T:.....	Item	
21	Clause 21.0 - Defects liability period and final completion F:..... V:..... T:.....	Item	
	Carried Forward		R
	Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General		

	Brought Forward		R	
22	Clause 22.0 - Latent defects liability period F:..... V:..... T:.....	Item		
23	Clause 23.0 - Revision of the date for practical completion Substitution of materials and goods The removal or substitution of any materials and goods which do not conform to the specification or the contract drawings shall not constitute grounds for the extension of the construction period nor for the adjustment of the contract value [17.1.8; 23.1 & 2] F:..... V:..... T:.....	Item		
24	Clause 24.0 - Penalty for late or non-completion F:..... V:..... T:.....	Item		
	<u>Payment (A25 - A27)</u>			
25	Clause 25.0 - Payment Prices submitted Where prices are submitted by the contractor or subcontractor during the progress of the works in respect of contract instructions or in regard to a claim under the terms of this agreement and notwithstanding the fact that such prices may be used in an interim payment certificate , there is to be no presumption of acceptance. Should the principal agent wish to accept any such prices prior to the issue of the certificate of final completion , it shall be in writing F:..... V:..... T:.....	Item		
26	Clause 26.0 - Adjustment of the contract value and final account			
	Carried Forward		R	
	Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Brought Forward		R
Fluctuations in costs All fluctuations in costs, with the exception of fluctuations in the rate of Value Added Tax, shall be for the account of the contractor [26.9.5] Tenant installation/user requirements delayed There is a possibility that certain works related to tenant installation/user requirements may have to be delayed and may consequently not be executed prior to practical completion Should the contractor be instructed to do so he shall execute this work under the conditions pertaining to this agreement on the basis that a separate amount for preliminaries appurtenant to this work (if applicable) is agreed to between the contractor and the principal agent and on condition that instruction to proceed with such work is given to him within a period of three (3) calendar months after the date of practical completion of the works The employer reserves the right to omit such work without compensation to the contractor for loss of profit or any other loss which the contractor may suffer as a result of such omission Cost of claims All costs incurred by the contractor in the preparation of claims shall be borne by the contractor. This provision shall not preclude an adjudicator or an arbitrator appointed in terms of this agreement [30.6 & 7] from making a determination on costs Claims from subcontractors The contractor shall review, assess and adjudicate any claims received by him from any subcontractor and thereafter submit same to the principal agent with a recommendation in order to assist the principal agent in adjudicating the claim [26.6] F:..... V:..... T:.....	Item	
Carried Forward		R
Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General		

Brought Forward			R
27	Clause 27.0 - Recovery of expense and/or loss F:..... V:..... T:..... <u>Suspension and termination (A28 - A29)</u>	Item	
28	Clause 28.0 - Suspension by the contractor F:..... V:..... T:.....	Item	
29	Clause 29.0 - Termination F:..... V:..... T:..... <u>Dispute resolution (A30)</u>	Item	
30	Clause 30.0 - Dispute resolution F:..... V:..... T:.....	Item	
31	<u>Agreement</u> The required information of the parties and the amount of the contract sum shall be inserted in the agreement for signature of the agreement by the parties F:..... V:..... T:.....	Item	
32	<u>Contract data</u> Tenderer's selections Before submission of his tender the contractor is to complete the tenderer's selections in the contract data F:..... V:..... T:..... <u>SECTION B: GENERAL PRELIMINARIES</u>	Item	
Carried Forward			R
Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General			

Brought Forward			R
<u>Definitions and interpretation (B1)</u>			
33	Clause 1.1 - Definitions F:..... V:..... T:.....	Item	
34	Clause 1.2 - Interpretation F:..... V:..... T:.....	Item	
<u>Documents (B2)</u>			
35	Clause 2.1 - Checking of documents F:..... V:..... T:.....	Item	
36	Clause 2.2 - Provisional bills of quantities F:..... V:..... T:.....	Item	
37	Clause 2.3 - Availability of construction information F:..... V:..... T:.....	Item	
38	Clause 2.4 - Ordering of materials and goods F:..... V:..... T:.....	Item	
<u>Previous work and adjoining properties (B3)</u>			
39	Clause 3.1 - Previous work - dimensional accuracy F:..... V:..... T:.....	Item	
40	Clause 3.2 - Previous work - defects F:..... V:..... T:.....	Item	
Carried Forward			R
Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

	Brought Forward	R	
41	Clause 3.3 - Inspection of adjoining properties F:..... V:..... T:.....	Item	
	The site (B4)		
42	Clause 4.1 - Handover of site in stages F:..... V:..... T:.....	Item	
43	Clause 4.2 - Enclosure of the works F:..... V:..... T:.....	Item	
44	Clause 4.3 - Geotechnical and other investigations F:..... V:..... T:.....	Item	
45	Clause 4.4 - Encroachments F:..... V:..... T:.....	Item	
46	Clause 4.5 - Existing premises occupied F:..... V:..... T:.....	Item	
47	Clause 4.6 - Services - known F:..... V:..... T:.....	Item	
	Management of contract (B5)		
48	Clause 5.1 - Management of the works F:..... V:..... T:.....	Item	
	Carried Forward	R	
	Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General		

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

	Brought Forward		R	
49	Clause 5.2 - Progress meetings F:..... V:..... T:.....	Item		
50	Clause 5.3 - Technical meetings F:..... V:..... T:.....	Item		
	<u>Samples, shop drawings and manufacturer's instructions (B6)</u>			
51	Clause 6.1 - Samples of materials F:..... V:..... T:.....	Item		
52	Clause 6.2 - Workmanship samples F:..... V:..... T:.....	Item		
53	Clause 6.3 - Shop drawings F:..... V:..... T:.....	Item		
54	Clause 6.4 - Compliance with manufacturer's instructions F:..... V:..... T:.....	Item		
	<u>Deposits and fees (B7)</u>			
55	Clause 7.1 - Deposits and fees F:..... V:..... T:.....	Item		
	<u>Temporary services (B8)</u>			
56	Clause 8.1 - Water F:..... V:..... T:.....	Item		
	Carried Forward		R	
	Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Brought Forward			R
57	Clause 8.2 - Electricity F:..... V:..... T:.....	Item	
58	Clause 8.3 - Ablution and welfare facilities F:..... V:..... T:.....	Item	
59	Clause 8.4 - Communication facilities F:..... V:..... T:.....	Item	
<u>Prime cost amounts (B9)</u>			
60	Clause 9.1 - Responsibility for prime cost amounts <u>Attendance on subcontractors (B10)</u>		
61	Clause 10.1 - General attendance <u>User note</u> <i>General attendance is defined as being the duties of the contractor in terms of clause 12.2 of the JBCC n/s subcontract agreement</i> F:..... V:..... T:.....	Item	
62	Clause 10.2 - Special attendance		
Carried Forward			R
Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Brought Forward			R
<i>It is important to note that general attendance only requires the contractor to "permit the subcontractor to use erected scaffolding, hoisting facilities, etc provided by the contractor, in common with others having the like right while it remains erected on the site" (refer to 12.2.13 of the JBCC n/s subcontract agreement). Many n/s subcontractors qualify their tenders to exclude scaffolding and/or hoisting facilities. Especially scaffolding could be an expensive item and it may be necessary in order to avoid claims to require the contractor to provide for the extended use of scaffolding for specific subcontracts within a description of "special attendance" in the applicable bill</i> F:..... V:..... T:.....		Item	
<u>General (B11)</u>			
63	Clause 11.1 - Protection of the works F:..... V:..... T:.....	Item	
64	Clause 11.2 - Protection/isolation of existing works and works occupied in sections F:..... V:..... T:.....	Item	
65	Clause 11.3 - Security of the works F:..... V:..... T:.....	Item	
66	Clause 11.4 - Notice before covering work F:..... V:..... T:.....	Item	
67	Clause 11.5 - Disturbance		
Carried Forward			R
Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General			

	Brought Forward		R
	Disturbance All work is to be carried out in such a manner as to cause no unacceptable or unreasonable dust, noise, vibrations, nuisance, inconvenience, annoyance and the like to the public, others, other properties and traffic in so far as they exceed the permissible limitations set by government legislation or by the local authority. Any delays, stoppages and the like arising from or in order to comply with the above will not constitute grounds for an adjustment to the construction period or contract value whatsoever F:..... V:.....T:.....	Item	
68	Clause 11.6 - Environmental disturbance Controlling all forms of pollution The contractor shall be responsible for and take all precautions in controlling by whatever means necessary all forms of pollution emanating from the site during the construction period due inter alia to noise, artificial light, wind-blown sand, dust, deposits of mud, etc The contractor is to ensure that all roads which border the site and are used by the contractor during the execution of the works are kept clean and free of any dirt or debris caused by the execution of the works F:..... V:.....T:.....	Item	
69	Clause 11.7 - Works cleaning and clearing F:..... V:..... T:.....	Item	
70	Clause 11.8 - Vermin F:..... V:..... T:.....	Item	
71	Clause 11.9 - Overhand work F:..... V:..... T:.....	Item	
	Carried Forward		R
	Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General		

	Brought Forward		R
72	Clause 11.10 - Tenant installations F:..... V:..... T:.....	Item	
73	Clause 11.11 - Advertising F:..... V:..... T:.....	Item	
	<u>SECTION C: SPECIFIC PRELIMINARIES</u>		
74	Warranties for materials and workmanship Where warranties for materials and/or workmanship are called for, the contractor shall obtain a written warranty, addressed to the employer , from the entity supplying the materials and/or executing the work and shall deliver same to the principal agent on final completion of the contract The warranty shall state that workmanship, materials and installation are warranted for a specific period from the date of practical completion and that any defects that may arise during the specified period shall be made good at the expense of the entity supplying the materials and/or doing the work, upon written notice to do so The warranty will not be enforced if the work is damaged by defects in the execution of the works , in which case the responsibility for replacement shall rest entirely with the contractor F:..... V:..... T:.....	Item	
75	Overtime Should overtime be required to be worked for any reason whatsoever, the cost of such overtime is to be borne by the contractor unless the principal agent has specifically authorised, prior to execution thereof, that costs for such overtime are to be borne by the employer F:..... V:..... T:.....	Item	
	Carried Forward		R
	Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General		

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

	Brought Forward		R
76	Cooperation of the contractor for cost management It is specifically agreed that the contractor accepts the obligation of assisting the principal agent in implementing proper cost management. The contractor will be advised by the principal agent of all cost management procedures which will be implemented to ensure that the contract value does not exceed the budget F:..... V:..... T:.....	Item	
77	Overloading The contractor shall take all necessary steps to ensure that no damage occurs due to overloading of any portion of the works or temporary works eg scaffolding, etc. The contractor shall submit details of his proposed loading, storage, plant erection, etc to the principal agent for approval prior to proceeding with such loading, storing or erecting and shall comply with and pay for the principal agent's requirements in connection with the provision of temporary support work, etc. Any damage caused to the works by overloading shall be made good by the contractor at his sole expense F:..... V:..... T:.....	Item	
78	Propping of floors below The contractor is advised that propping of floors below may be required if he wishes to use any areas of completed suspended reinforced concrete slabs for vehicle access, storage of materials and goods and location of plant, scaffolding, etc. The location of these areas and any necessary propping shall be approved by the principal agent and the cost thereof shall be borne by the contractor F:..... V:..... T:.....	Item	
Carried Forward			R
Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

	Brought Forward		R
79	Testing of flat roof waterproofing for watertightness Flat roof waterproof areas shall be flooded and kept "ponded" for at least forty eight (48) hours as a test to ensure the watertightness of the waterproofing and before any further construction work is carried out above the waterproofing F:..... V:..... T:.....	Item	
80	Health and safety Without limiting the generality of the provisions of clause 2.0, the contractor's attention is drawn to the provisions of the Construction Regulations issued in terms of the Occupational Health and Safety Act, 1993 as amended. It is specifically stated that the employer shall prepare a documented health and safety specification for the works and that the employer shall ensure that the contractor has made provision for the cost of health and safety measures during the execution of the works. The contractor shall price opposite this item for compliance with the act and the regulations and the reasonable provisions of the aforementioned health and safety specification [2.1] Health and safety Without limiting the generality of the provisions of clause 2.0, the contractor's attention is drawn to the provisions of the Construction Regulations issued in terms of the Occupational Health and Safety Act, 1993 as amended. It is specifically stated that the employer shall prepare a documented health and safety specification for the works (refer to a copy of the relevant specification) and that the employer shall ensure that the contractor has made provision for the cost of health and safety measures during the execution of the works. The contractor shall price opposite this item for compliance with the act and the regulations and the provisions of the aforementioned health and safety specification [2.1]		
	Carried Forward		R
	Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General		

	Brought Forward		R	
	The contractor shall: 1. Comply with the health and safety specification for the works 2. Prepare and agree with the health and safety consultant the health and safety plan for the works 3. Cooperate with the health and safety consultant in all respects 4. Manage the compliance of all subcontractors with the regulations and with the health and safety plan and specification 5. Conform to the conditions contained in the employer's health and safety specification F:..... V:..... T:.....	Item		
81	Green star building certification			
	F:..... V:.....T:.....	Item		
82	Broad based black economic empowerment (BBBEE) Tenders submitted will be evaluated taking into account their empowerment rating The employer will be monitoring the broad based black economic empowerment (BBBEE) status of the contractor throughout the execution of the works The contractor is to submit to the principal agent on an annual basis a schedule of spend, split into vendors engaged as subcontractors and suppliers indicating their BBBEE rating including proof of the said rating F:..... V:.....T:.....	Item		
	Carried Forward		R	
	Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

	Brought Forward		R	
83	Advertising rights The employer may elect to contract with advertising agencies for the erection of advertising hoardings, banners, wraps or the like for the duration of the contract. The contractor shall not prevent such an arrangement and will assist in the facilitation of same. The position and type of advertising structure to be agreed with the principal agent so as not to hinder the contractor in meeting his obligations under this agreement F:..... V:.....T:.....	Item		
84	Confidentiality The contractor undertakes to maintain in confidence any and all information regarding this project and shall obtain appropriate similar undertakings from all subcontractors and suppliers. Such information shall not be used in any way except in connection with the execution of the works No information regarding this project shall be published or disclosed without the prior written consent of the employer F:..... V:.....T:.....	Item		
85	Media releases All rights of publication of articles in the media, together with any advertising relating thereto or in any way connected with this project, shall vest with the employer The contractor together with his subcontractors shall not, without the prior written consent of the employer, cause any statement or advertisement connected with this project to be printed, screened or aired by the media F:..... V:.....T:.....	Item		
	Carried Forward		R	
	Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

	Brought Forward		R
86	As built drawings. The position of construction breaks and the extent of individual concrete pours are to be recorded by the Contractor on the structural engineering drawings and are to be submitted to the Principal Agent and the structural engineer for their records. F:..... V:..... T:.....	Item	
87	Site Instructions. Contract instructions issued on site are to be recorded in triplicate in an instruction book which is to be maintained on site by the contractor.	Item	
88	LABOUR RECORD At the end of each week the contractor shall provide the Principal Agent with a written record, in schedule form, reflecting the number and description of tradesmen and labourers employed by him and all sub-contractors on the works each day of that week	Item	
89	PLANT RECORD At the end of each week the contractor shall provide the Principal Agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools, currently used on the works each day of that week	Item	
90	COMMUNITY DEVELOPMENT PROGRAMME 'IDT has taken a strategic decision to promote community development in line with its SCM Policy. Based on the above tenderer must promote Supplier Development through involving Small Business Enterprises residing within the municipal ward. Special reference is made to the Contract Data section in terms of sub-contracting F:..... V:..... T:.....	Item	
	Carried Forward		R
	Section No. 1: Preliminaries and General Bill No. 1 Preliminaries and General		

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Brought Forward		R
91	The Employer shall determine the amount to be paid to the Enterprise Development Co-Ordinator for the Contract Participation Goal (CPG) on the contract and this amount shall be stated under the section Enterprise Development	Item
92	The contractor shall be paid as follows: These are recommended rates, client may change depending on the location of the project, complexity etc.	Item
93	Needs analysis and enterprise development plan per targeted enterprise	Item
94	Mentor and interim reporting per targeted enterprise, reports will be required per quarter	Item
95	Project completion report per targeted enterprise	Item
<u>SUMMARY OF CATEGORIES</u>		
Category : Fixed R.....		
Category : Value R.....		
Category : Time R.....		
Carried to Final Summary		R
Section No. 1: Preliminaries and General		
Bill No. 1		
Preliminaries and General		

**Section No. 2:
Renovations of Existing
Buildings**

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 1</u>			
	<u>ALTERATIONS</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>View site</u>			
	Before submitting his tender the tenderer shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials salvageable from the alterations. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained			
	<u>Explosives</u>			
	No explosives whatsoever may be used for alteration purposes unless otherwise stated			
	<u>General</u>			
	The contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum of disturbance to tenants in the building and to adjoining premises and their tenants. He shall provide proper protection and provide, erect and remove when directed, any temporary tarpaulins that may be necessary during the progress of the works, all to the satisfaction of the principal agent			
	Doors, fanlights, windows, fittings, frames, linings, etc which are to be re-used shall be thoroughly overhauled before re fixing including taking off, easing and rehanging, cramping up, re-wedging as required and making good cramps, dowels, etc, and oiling, adjusting and repairing ironmongery as necessary, replacing any glass damaged in removal or subsequently and stopping up all nail and screw holes with tinted plastic wood to match timber, unless otherwise described. Re-painting or re-varnishing is given separately			
	Carried Forward			
	Section No. 2: Renovations of Existing Buildings			
	Bill No. 1			
	Alterations			
			R	

	Brought Forward		R	

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Brought Forward			R
<u>Breaking down and removing brickwork etc</u>			
2	Half brick walls (LI)	m2	249
3	One brick wall (LI)	m2	45
<u>Taking out and removing doors, windows, etc from brickwork, care must be taken when removing door frame from the wall not to damage the wall</u>			
4	Timber single door 813 x 2032mm high (LI)	No	28
5	Steel door frame 813 x 2032mm high (LI)	No	10
<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u>			
6	IBR sheet steel roof covering and timber purlins	m2	2 665
7	Pitched roof 10 x 6 x 2m high overall, of timber trusses and purlins, corrugated sheet steel covering, ceilings and cornices, eaves soffit covering, fascias, barge boards, gutters and rainwater pipes	No	2
8	Pitched roof 14 x 10 x 2m high overall, of timber trusses and purlins, corrugated sheet steel covering, ceilings and cornices, eaves soffit covering, fascias, barge boards, gutters and rainwater pipes	No	1
9	Pitched roof 20 x 13 x 2m high overall, of timber trusses and purlins, corrugated sheet steel covering, ceilings and cornices, eaves soffit covering, fascias, barge boards, gutters and rainwater pipes	No	1
10	Pitched roof 39 x 10 x 2m high overall, of timber trusses and purlins, corrugated sheet steel covering, ceilings and cornices, eaves soffit covering, fascias, barge boards, gutters and rainwater pipes	No	4
11	Gypsum plasterboard ceilings, including timber bandering, cornices, etc (LI)	m2	1 852
Carried Forward			R
Section No. 2: Renovations of Existing Buildings Bill No. 1 Alterations			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

	Brought Forward			R
12	Gutters	m	410	
13	Rainwater downpipes (LI)	m	180	
	<u>Taking out and removing sundry joinery work, fittings, etc</u>			
14	Timber skirtings (LI)	m	722	
	<u>Taking up and removing wood block floor coverings, vinyl floor coverings, carpets, etc</u>			
15	Vinyl tile floor covering (LI)	m2	1 429	
	<u>Taking out and removing ironmongery</u>			
16	Remove green chalk boards size 4 880 x 1 260mm high and make good plaster (LI)	No	16	
17	Remove pinning boards size 4 880 x 1 260mm high and make good (LI)	No	37	
18	Toilet paper holder from wall (LI)	No	18	
	<u>Taking out/off and removing sundry metalwork</u>			
19	Steel burglar proofing with frame 2 000 x 1 300mm high bolted to brickwork, including making good face brickwork	No	7	
20	Steel burglar proofing with frame 1 500 x 1 000mm high bolted to brickwork, including making good face brickwork	No	2	
21	Steel burglar proofing with frame 1 500 x 700mm high bolted to brickwork, including making good face brickwork	No	1	
22	Steel burglar proofing with frame 2 000 x 1 000mm high bolted to brickwork, including making good face brickwork	No	4	
	Carried Forward			R
	Section No. 2: Renovations of Existing Buildings			
	Bill No. 1			
	Alterations			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Brought Forward			R
23	Steel burglar proofing with frame 500 x 700mm high bolted to brickwork, including making good face brickwork	No	20
24	Steel burglar proofing with frame 2 000 x 700mm high bolted to brickwork, including making good face brickwork	No	4
25	Steel burglar proofing with frame 1 x 2,1m high bolted to brickwork, including making good face brickwork	No	48
26	Steel security gate 900 x 2 100mm	No	8
<u>Hacking up/off and removing concrete and preparing floor surfaces for new concrete aprons and channels.</u>			
27	Concrete aprons	m3	87
<u>Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screed, plaster, tile finishes, etc</u>			
28	30mm Screed from floors (LI)	m2	1 852
<u>Hacking up/off and removing ceramic tiles including removing mortar bed or adhesive from concrete or brickwork and preparing surfaces for new screed, plaster, tile finish, etc</u>			
29	Tiles to floors (LI)	m2	81
30	Tiles to walls (LI)	m2	408
<u>Taking out and removing piping, including cutting off as necessary, holder bats and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>			
31	PVC piping not exceeding 50mm external diameter (LI)	m	30
Carried Forward			R
Section No. 2: Renovations of Existing Buildings			
Bill No. 1			
Alterations			

INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

39

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

	Brought Forward			R
	<u>Making good face brickwork</u>			
42	Clean down external walls with a high pressure water jet to remove all contaminants, loose and organic material, etc (LI)	m2	753	
43	Clean down internal facebrick walls with brush and approved cleaning agent and apply brick dressing as per Architect's specification (LI)	m2	708	
	<u>Making good internal cement plaster</u>			
44	Walls in patches (LI)	m2	399	
Carried Forward to Summary of Section No. 2				R
Section No. 2: Renovations of Existing Buildings				
Bill No. 1				
Alterations				

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 2</u>			
	<u>CONCRETE, FORMWORK AND REINFORCEMENT (PROVISIONAL)</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Cost of tests</u>			
	The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the architect. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the architect. (Test cubes are measured separately) Breeze concrete shall consist of twelve parts clean dry furnace ash, free from coal or other foreign matter, to one part cement (12:1), the ash graded up to particles which will pass a 16,5mm ring from a minimum which fails to pass a 4,75mm mesh. The finer materials from the screening are to be first mixed with the cement into a mortar and the ash added afterwards and thoroughly incorporated <u>"Foamcement " lightweight concrete</u> "Foamcement" lightweight concrete is to have a density of 600kg/m3 for the top 50mm and 400kg/m3 for the remaining thickness. The minimum thickness at outlets, channels, etc shall be 50mm <u>"Celbeton" lightweight concrete</u> "Celbeton" lightweight concrete is to have a density of 1000kg/m3 for the top 20mm and 480kg/m3 for the remaining thickness. The minimum thickness at outlets, channels, etc shall be 30mm			
	Carried Forward		R	
	Section No. 2: Renovations of Existing Buildings Bill No. 2 Concrete, Formwork and Reinforcement			

Brought Forward			R
<u>Formwork</u> Description of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself. Formworks to soffits of solid etc shall be deemed to be slabs not exceeding 250mm thick unless otherwise described Formwork to sides of bases, pile caps, ground beams, etc will only be measured where it is prescribed by the engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks"			
<u>REINFORCED CONCRETE</u> <u>20MPa/19mm concrete</u>			
1	Aprons	m3	57
<u>CONCRETE SUNDRIES</u> <u>Finishing top surfaces of concrete smooth with a wood float</u>			
2	Surface beds	m2	570
<u>SMOOTH FORMWORK:</u>			
Carried Forward			R
Section No. 2: Renovations of Existing Buildings Bill No. 2 Concrete, Formwork and Reinforcement			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Brought Forward			R
	<u>Smooth formwork to sides</u>		
3	Aprons	m	570
	<u>Saw cut joints</u>		
4	6 x 25mm Saw cut joints on top of concrete	m	239
	<u>REINFORCEMENT (PROVISIONAL)</u>		
	<u>Fabric reinforcement</u>		
5	Type Ref 193 fabric reinforcement in concrete surface beds, slabs, etc	m2	570
	<u>One layer of 250 micron waterproof sheeting sealed at laps with approved tape</u>		
6	Under surface beds (LI)	m2	570
Carried Forward to Summary of Section No. 2			R
Section No. 2: Renovations of Existing Buildings			
Bill No. 2			
Concrete, Formwork and Reinforcement			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Item No	Quantity	Rate	Amount
<u>SECTION NO. 2</u>			
<u>BILL NO. 3</u>			
<u>MASONRY (PROVISIONAL)</u>			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>BRICKWORK</u>			
<u>Sizes in descriptions</u>			
Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick			
<u>Hollow walls etc</u>			
Descriptions of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole.			
Walls in two skins described as "bagged and sealed" shall be deemed to include having the outer face of the inner skin bagged with 1:6 cement and sand mixture and sealed with two coats "Brixéal" bitumen emulsion waterproofing coating.			
<u>Face bricks</u>			
Bricks shall be ordered timeously to obtain uniformity in size and colour			
<u>Pointing</u>			
Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc			
Carried Forward			
Section No. 2: Renovations of Existing Buildings Bill No. 3 Masonry			R

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

	Brought Forward			R
<u>SUPERSTRUCTURE</u>				
<u>Brickwork of NFX bricks (14 Mpa nominal compressive strength) in class I mortar</u>				
1	Half brick walls (LI)	m2	45	
2	Half brick walls in beamfilling (LI)	m2	140	
3	One brick walls (LI)	m2	151	
<u>Brickwork reinforcement</u>				
4	75mm Wide reinforcement built in horizontally (LI)	m	132	
5	150mm Wide reinforcement built in horizontally (LI)	m	200	
<u>Prestressed fabricated lintels</u>				
6	110 x 75mm Lintels in lengths not exceeding 3m (LI)	m	23	
<u>Galvanised wire ties, etc</u>				
7	4mm Diameter roof tie 2m girth bent double with one end fixed to timber and other end built into brickwork (LI)	No	344	
<u>FACE BRICKWORK</u>				
<u>External face brick (allow a PC: R6500/1000 bricks) pointed with recessed horizontal and vertical joints to match existing.</u>				
8	Extra over brickwork to beamfilling for face brickwork (LI)	m2	139	
<u>Brick-on-edge header course copings, sills, etc. of face bricks (allow a PC: R6500/1000 bricks) pointed with recessed joints on all exposed faces to match existing.</u>				
9	Extra over brickwork for brick-on-edge header course lintel (LI)	m	3	
Carried Forward to Summary of Section No. 2				R
Section No. 2: Renovations of Existing Buildings				
Bill No. 3				
Masonry				

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Item No	Quantity	Rate	Amount
<u>SECTION NO. 2</u> <u>BILL NO. 4</u> <u>ROOF COVERINGS ETC</u> <u>PROFILED METAL SHEETING AND ACCESSORIES</u> <u>Supplementary Preambles:</u> Notes : The following roof sheeting systems are to be installed in strict accordance with the Manufacturer's and/or Supplier's specifications. Fixing of all roof sheeting is to be in accordance with the Manufacturer's approved Instruction Book. The Manufacturer shall comply with ISO9002 Quality Management System. A written and approved five year guarantee of site-workmanship and watertightness shall be issued after final inspection of concealed-fix roofing by the Manufacturer			
Carried Forward Section No. 2: Renovations of Existing Buildings Bill No. 4 Roof Coverings, etc			R

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Brought Forward			R
<u>70mm Profile Ziptech 120 Chromadek roof sheeting, minimum of 0.58mm thick, colour "Volcanic Grey" or similar approved, fixed to timber roof trusses and timber purlins forming a 17 degree pitched roof. Roof sheeting shall be secured to the purlins using corrosion-resistant self drilling roofing screws (minimum 12 gauge x 65-75mm) with neoprene washers to ensure a watertight seal, fixed at each purlin in accordance with the manufacturer's specifications and SANS requirements. Provide all necessary matching Chromadek flashings, ridge caps, barge flashings, and closures, properly lapped and sealed to ensure a fully waterproof installation. All work shall comply with SANS 10400 and the manufacturer's installation guidelines. The final colour and product shall be approved by the Architect prior to installation.</u>			
1	Roof covering with pitch not exceeding 25 degrees, in transportable lengths not exceeding 20m fixed to timber purlins.	m2	2 665
<u>Steel sheet accessories to preceding roof coverings</u>			
2	Ridge cappings 462mm girth	m	205
3	Gable trims 660mm girth	m	224
4	Narrow and broad flute closers	m	410
5	Moulded narrow and broad rib polyethelene filler blocks	m	410
<u>ROOF AND WALL INSULATION</u>			
<u>4mm thick alucushion or equally approved fire retardant grade double sided aluminium foil insulation (Code 1983) complying with SANS428, laid with 100mm overlaps over trusses and rafters.</u>			
6	Insulation laid taut over purlins (at approximately 1,1m centres) and fixed concurrent with roof covering including white plastic coated straining wires	m2	2 665
Carried Forward to Summary of Section No. 2 Section No. 2: Renovations of Existing Buildings Bill No. 4 Roof Coverings, etc			R

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Item No	Quantity	Rate	Amount
<u>SECTION NO. 2</u>			
<u>BILL NO. 5</u>			
<u>CARPENTRY AND JOINERY</u>			
<u>SUPPLEMENTARY PREAMBLES</u>			
NOTE: TIMBER: (ALL SOFTWOOD TO BE SOUTH AFRICAN PINE):			
<u>NOTE:DESCRIPTIONS:</u>			
The term "planted on" shall mean nailing of one timber member to another.			
The term "screwed on" shall mean the countersunk screwing of one timber member to another.			
The term "screwed on and pelleted" shall mean the screwing of one timber member to another with the heads of screws sunk and pelleted.			
Descriptions of floors, ceilings, joinery, etc. shall be deemed to include for all square cutting.			
Descriptions of items given in lineal metre shall be deemed to include for mitres, stopped ends, fitted intersections, etc.			
Descriptions of rounded angles, rebates, grooves, chamfers, moulded edges, etc. shall be deemed to include for angles, ends, etc.			
Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes.			
Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pinned to brickwork or concrete.			
Carried Forward		R	
Section No. 2: Renovations of Existing Buildings Bill No. 5 Carpentry and Joinery			

Brought Forward	R
<u>NOTE:Decorative laminate finish:</u> Laminate finish shall be glued under pressure. Edge strips shall be butt joined at junctions with adjacent similar finish. NOTE:ROOFS, ETC.: NOTE:PREFABRICATED METAL CONNECTOR TIMBER ROOF TRUSSES: Prices must include fees to the project Consultant Engineer for the approval of proposed truss designs, to be paid by the Contractor . Trusses are to comply with the following specifications: NOTE:SPECIFICATION FOR MONO PLANER PREFABRICATED METAL CONNECTOR TIMBER ROOF TRUSSES: All trusses are to be fabricated in a factory by specialists approved by the Consultant Engineer. NOTE:Timber: Timber for trusses to be South african pine and shall be in accordance with grade V4 or M4 as defined in SABS Specification No. 563, or V6, M6, M8 or M10 as defined in SABS Specification No. 1245 and shall be marked as laid down in the specification. NOTE:Metal connector plates: The metal connector plates shall be fabricated out of not less than 1mm thick drawn quality galvanized steel. The steel shall have a minimum yield strength of 228 MPa and a minimum ultimate tensile strength of 330 MPa. The corrosion resisting coating shall be not less than 275 g/m2 class C hot dipped galvanizing as per SABS 934 before stamping.	
Carried Forward	R
Section No. 2: Renovations of Existing Buildings Bill No. 5 Carpentry and Joinery	

Brought Forward	R
The permissible load to be transmitted in the South African pine by the connector plates shall be obtained from the results of tests carried out by a recognised authority such as the National Timber Research Institute of the CSIR. NOTE:Truss construction: The trusses shall be constructed with jigs specially designed to provide correct cambers and pitches. All joints are to be close fitted butt joints and made by precision pressing of the metal connector plates into each side of the joint simultaneously. The minimum size of all members must not be less than 25 x 75mm wide. NOTE:General: The timber roof trusses shall be fabricated in a PROPERLY EQUIPPED FACTORY by an approved specialist firm of Truss Fabricators using toothed metal plate connectors. The firm shall hold a Certificate of Competence issued by the Institute for Timber Construction (formerly the Truss Plate Association of Southern Africa), a copy of such certificate to be lodged with the Consultant Engineer. The drawings of the roof structure, indicating also proposed truss spacing, which shall be signed by a registered professional Engineer, shall be submitted by the truss fabricator to the Consultant Engineer for approval, prior to manufacture of the trusses. The fabricator SHALL TAKE FULL RESPONSIBILITY FOR THE DESIGN AND ERECTION. Design calculations shall be available on request.	
Carried Forward	R
Section No. 2: Renovations of Existing Buildings Bill No. 5 Carpentry and Joinery	

Brought Forward	R
A schedule of rates must be submitted with the offer and shall include for the supply of all timber of the required grade and type including all cutting and waste, cutting to exact length and end angles necessary to manufacture the respective truss types, the supply of all connector plates, prefabrication of the trusses in a jig, checking the completed truss for quality, loading up, transporting to the site of the works and: (i) unloading and storing under cover and protected from the weather; (ii) hoisting up and erecting the trusses at the required truss centres truly plumb and square on top of wall plates, all in accordance with site instructions supplied by the truss fabricator regarding erection, bracing, holding down and all necessary connections; Note: The trusses are to be erected strictly in accordance with the procedures and recommendations of the manual "The Erection and Bracing of Timber Roof Trusses" published by the Institute for Timber Construction and the National timber Research Institute of the CSIR. (iii) Such site supervision as deemed necessary to ensure that all the erection details have been complied with. NOTE: Truss design: A certificate stating that the trusses have been designed in accordance with SABS 0160 and SABS 0163 shall be provided to the Consultant Engineer through the Contractor and is to be signed by the Truss Designer. Over and above the foregoing, the Truss Designer shall also be responsible for the correct erection and on completion shall provide a certificate to the Consultant Engineer to confirm that the completed roof is in accordance with the relevant specifications and to the satisfaction of the Truss Designer. Notwithstanding the furnishing of the above certificate, the Contractor shall bear contractual responsibility for the adequacy of the constructed roof and he shall indemnify the Department against any loss, consequential or otherwise, arising out of such responsibility, including any latent defects.	
Carried Forward	R
Section No. 2: Renovations of Existing Buildings Bill No. 5 Carpentry and Joinery	

Brought Forward	R
The dead load shall comprise of:(i) Corrugated iron roof sheeting.(ii) Self weight of truss. (iii) Weight of purlins and brandering.(iv) Ceiling insulation.(v) 6mm Thick asbestos or gypsum ceiling board. NOTE:Truss spacing: The truss centres shall be as designed by the Manufacturer, to the approval of the Consultant Engineer. NOTE: Trusses are to be "Hydronail or Gangnail" prefabricated timber trusses with all members joined together with steel plates. All timbers to be wrot. The roof is to be erected in accordance with the relevant drawings. Prices are to include for all necessary trusses, rafters, ties and bracings complete. The roof is to be designed to carry 'IBR' roofing sheets with trusses at approximately 1200 mm centres and pitched at 25 degrees The Contractor may be required to produce design calculations for checking, notwithstanding which, he will be held solely responsible for sufficiency of design All dimensions given are approximate and should not be used for design or ordering purposes. NOTE:Truss pitch: The truss pitch shall be as described in the Bills of Quantities or as specified on the Architect's or Engineers' drawings for each respective truss type. NOTE:Composite structure: Under no circumstances will it be accepted that the ceiling brandering is to be relied upon to assist in the structural stability of the trusses.	
Carried Forward	R
Section No. 2: Renovations of Existing Buildings Bill No. 5 Carpentry and Joinery	

Brought Forward	R
NOTE:Precedent clause: In the event of conflict between the various specifications, the consecutive order of the specifications listed in the following list shall take precedence: (i) The Engineer's detailed drawings. (ii) The project and/or extra specifications. (iii) The standard specifications SABS 1200. (iv) The Quantity Surveyor's preambles in this Bill of Quantities. <u>Particle board:</u> Particle board shall comply with the following specifications: a) SABS 1300 Particle board: exterior and flooring type b) SABS 1301 Particle board: interior type <u>Joinery:</u> Descriptions of frames shall be deemed to include frames, transomes, mullions, rails, etc Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes <u>Fixing</u> Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete <u>Decorative laminate finish:</u> Laminate finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish	
Carried Forward	R
Section No. 2: Renovations of Existing Buildings Bill No. 5 Carpentry and Joinery	

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Brought Forward				R
<u>CPAP work group: 126</u>				
<u>ROOFS ETC</u>				
<u>Roof construction</u>				
1	Roof construction to double pitched roof with two gable ends, 10,495 x 5,772mm and 1720mm high overall including trusses, permanent bracing, wall plates, purlins, etc. (Existing Male Ablutions and Existing Female Ablutions)	No	2	
2	Roof construction to double pitched roof with two gable ends, 18, 000 x 12, 500mm and 1720mm high overall including trusses, permanent bracing, wall plates, purlins, etc. (Existing Cooking Block)	No	1	
3	Roof construction to double pitched roof with two gable ends, 19,751 x 13,013mm and 1720mm high overall including trusses, permanent bracing, wall plates, purlins, etc. (Existing Admin Block)	No	1	
4	Roof construction to double pitched roof with two gable ends, 33, 000 x 10,160mm and 1720mm high overall including trusses, permanent bracing, wall plates, purlins, etc. (Existing 4 Classrooms Block)	No	4	
<u>FASCIAS AND BARGE BOARDS</u>				
<u>Fibre cement barge board</u>				
5	10 x 80 x 200mm barge board countersunk screwed to support and roof timbers (elsewhere) with one brass screw at maximum 750mm centres and jointed with and including standard aluminium half round cover strips at all joints.	m	224	
<u>Fibre cement fascia board</u>				
6	10 x 225mm Fascia board countersunk screwed to support and roof timbers (elsewhere) with one brass screw at maximum 750mm centres and jointed with and including standard aluminium half round cover strips at all joints.	m	410	
<u>FLOORS AND SKIRTINGS</u>				
Carried Forward				R
Section No. 2: Renovations of Existing Buildings				
Bill No. 5				
Carpentry and Joinery				

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

	Brought Forward			R
	<u>SKIRTINGS</u>			
	<u>Wrought meranti</u>			
7	19 x 76mm Skirting nailed to walls with heads of nails punched and filled including 19mm quadrant bead planted on at junction with floor.	m	711	
	<u>DOORS</u>			
	<u>Wrought meranti doors, framed, ledged and braced batten door formed of 40 x 110mm styles and top rail, 20 x 225mm bottom ledge, 20 x 150mm middle ledge and 20 x 110mm diagonal braces, filled in flush one side with 20 x 75mm tongued, grooved and V-jointed both sides vertical boarding fixed in and including grooves in styles and top rail including back door board.</u>			
8	44 x 813 x 2032mm Door	No	20	
9	44 x 900 x 2032mm Door	No	2	
10	44 x 1511 x 2032mm Double door	No	2	
	<u>Solid flush panel doors with approved veneer both sides and two matching concealed vertical edge strips:</u>			
11	40 x 813 x 2032mm Door.	No	21	
Carried Forward to Summary of Section No. 2				R
Section No. 2: Renovations of Existing Buildings				
Bill No. 5				
Carpentry and Joinery				

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Item No	Quantity	Rate	Amount
<u>SECTION NO. 2</u>			
<u>BILL NO. 6</u>			
<u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u>			
<u>PREAMBLES</u>			
For Preambles see "Model Preamble for Trades"			
<u>SUPPLEMENTARY PREAMBLES</u>			
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 Architect			
<u>Descriptions:</u>			
Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete			
Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted" the bolts have been given elsewhere			
<u>CPAP work group: 129</u>			
<u>CEILINGS ETC</u>			
<u>NAILED UP CEILINGS</u>			
Carried Forward			R
Section No. 2: Renovations of Existing Buildings Bill No. 6 Ceilings, Partitions and Access Flooring			

Brought Forward			R
	<u>6.4mm Gypsum plastered ceiling board (to comply with SABS 266-I 982 or later revision) installed with longer lengths to suit room configurations with "wire scrim tape" fixed overall joints and plastered with 6mm thick light weight Hemi-Hydrate Gypsum. Ceiling to be fixed to timber branderling with all necessary accessories to strict manufacturer's specification.</u>		
1	Ceilings including 38 x 38mm sawn softwood branderling at 600mm centres	m2	1 429
	<u>6mm Fibre cement boards with H-section pressed steel jointing strips</u>		
2	Ceilings including 38 x 38mm sawn softwood branderling at 400mm centres in one direction (LI)	m2	423
3	Extra over ceiling for hinged pressed metal trap door size 600 x 600mm including all necessary ironmongery (LI)	No	30
	<u>Gypsum plasterboard cornices</u>		
4	75mm Coved cornices (LI)	m	1 213
	<u>CEILING TIMBERS, BEADS, INSULATION, ETC</u>		
	<u>Non-combustible fibreglass insulation of a density of not less than 10kg/m3 bonded with an inert thermo-setting resin</u>		
5	100mm Insulation in blanket form lapped not less than 50mm along all edges and laid on top of branderling between roof timbers etc	m2	1 429
Carried Forward to Summary of Section No. 2			R
Section No. 2: Renovations of Existing Buildings Bill No. 6 Ceilings, Partitions and Access Flooring			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

[illegible]

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Item No	Quantity	Rate	Amount
<u>SECTION NO. 2</u>			
<u>BILL NO. 8</u>			
<u>IRONMONGERY</u>			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Finishes to ironmongery</u>			
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			
<u>HINGES, BOLTS, ETC</u>			
<u>"Union" or similar and approved</u>			
1	"Union" indicator bolt	No 15	
2	"Union" paraplegic helping hand handle	No 2	
<u>LOCKS</u>			
<u>"Union" or similar and approved</u>			
3	4 lever security lockset with satin anodized aluminium or stainless steel handles with 150mm x 150mm aluminium back plate screwed to the door panel	No 28	
4	3000mm long horizontal/vertical grab bar	No 4	
<u>DOOR CLOSERS:</u>			
<u>"Dorma" or similar and approved</u>			
5	DORMA TS73N/EN3 - 4 parallel arm door closer - delayed closing - push side fitting	No 2	
<u>LETTERS, NAMEPLATES, ETC. (PROVISIONAL):</u>			
Carried Forward			R
Section No. 2: Renovations of Existing Buildings Bill No. 8 Ironmongery			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Brought Forward			R
	<u>150 x 150 x 3mm Thick clear perspex name plate reverse engraved and twice countersunk holed for and screwed to door with chromium plated dome headed screws in enamelled lettering.</u>		
6	Room numbers not exceeding three numerals or letters	No	28
	<u>Clear perspex name plate reverse engraved and twice countersunk holed for and screwed to door with chromium plated dome headed screws in enamelled lettering.</u>		
7	300 x 150 x 5mm Thick name plates on doors	No	28
	<u>"Union" or similar and approved</u>		
8	"Union AL 8021" plate with male or female or paraplegic symbol.	No	2
	<u>SUNDRIES:</u>		
9	DORMA DDS-NP-018 nickel plated floor stop	No	43
	<u>BATHROOM FITTINGS:</u>		
	<u>"Kimberly Clark" or equal and approved</u>		
10	1L White wall mounted soap dispenser for Aquarius, Kimcare, Kleenex	No	9
11	Aquarius wall bin 50 litre plastic, colour white	No	5
12	Three toilet roll dispenser compatible with standard size toilet rolls (TR3)	No	17
	<u>"Stiebel Eltron" or equal and approved</u>		
13	Hot air hand dryer HTE4 plastic white	No	5
	<u>"Dorma"</u>		
14	DORMA DHC-SS-031B stainless steel hat and coat hook with rubber buffer	No	15
Carried Forward			R
Section No. 2: Renovations of Existing Buildings Bill No. 8 Ironmongery			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

	Brought Forward			R
	<u>Stainless steel:</u>			
15	Stainless steel wall-mounted side grab rail as Chairman industries (code DL 2)	No	2	
16	Stainless steel wall-mounted rear grab rail around the cistern as Chairman industries (code SR 2)	No	2	
17	Stainless steel wall-mounted grab rail, 500mm long as Chairman industries (code SR 5)	No	2	
	<u>PUSH PLATES AND KICKING PLATES</u>			
	<u>5mm Thick satin finished stainless steel plates countersunk screwed along edges at not exceeding 200mm centres</u>			
18	813 x 150mm Kick plate	No	2	
19	900 x 200mm Kick plate	No	4	
	<u>PINNING BOARDS, WRITING BOARDS, PROJECTION SCREENS, ETC</u>			
20	1500 x 1200mm anodised aluminium frame, info pin boards, set out 50mm off set on both sides or magnetic white board	No	6	
21	2400 x 1200mm anodised aluminium frame, magnetic white board. Marker board surface, wall mounted, complete with integrated pen tray.	No	32	
22	4000 x 1200mm Chalkboard, wall mounted, complete with integrated pen tray.	No	17	
	<u>STEEL LOCKERS</u>			
	<u>"JUST STEEL" or similar and approved</u>			
23	Stationery Cupboard 900 x 450 x 1800mm high with 4 adjustable shelves, weight: 40kg bolted to wall	No	16	
Carried Forward to Summary of Section No. 2				R
Section No. 2: Renovations of Existing Buildings				
Bill No. 8				
Ironmongery				

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

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ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Brought Forward			R
<u>Steel burglar proofs installed complete including all frames, bolts, expansion bolts, etc, as per the attached window schedule</u>			
2	Burglar proof, size 2 000 x 1 300mm high, made of 30 x 30 x 2.5mm thick square hollow section frame bolted to brickwork reveal and 10mm round bars welded vertically at 100mm centres to the frame.	No	7
3	Burglar proof, size 1 050 x 1 000mm high, made of 30 x 30 x 2.5mm thick square hollow section frame bolted to brickwork reveal and 10mm round bars welded vertically at 100mm centres to the frame.	No	2
4	Burglar proof, size 500 x 700mm high, made of 30 x 30 x 2.5mm thick square hollow section frame bolted to brickwork reveal and 10mm round bars welded vertically at 100mm centres to the frame.	No	20
5	Burglar proof, size 2 000 x 700mm high, made of 30 x 30 x 2.5mm thick square hollow section frame bolted to brickwork reveal and 10mm round bars welded vertically at 100mm centres to the frame.	No	4
6	Burglar proof, size 1 500 x 700mm high, made of 30 x 30 x 2.5mm thick square hollow section frame bolted to brickwork reveal and 10mm round bars welded vertically at 100mm centres to the frame.	No	1
7	Burglar proof, size 2 000 x 1 000mm high, made of 30 x 30 x 2.5mm thick square hollow section frame bolted to brickwork reveal and 10mm round bars welded vertically at 100mm centres to the frame.	No	4
8	Burglar proof, size 2 400 x 600mm high, made of 30 x 30 x 2.5mm thick square hollow section frame bolted to brickwork reveal and 10mm round bars welded vertically at 100mm centres to the frame.	No	8
Carried Forward			R
Section No. 2: Renovations of Existing Buildings			
Bill No. 9			
Metalwork			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Brought Forward			R
9	Burglar proof, size 1 500 x 1 600mm high, made of 30 x 30 x 2.5mm thick square hollow section frame bolted to brickwork reveal and 10mm round bars welded vertically at 100mm centres to the frame.	No	48
10	Burglar proof, size 1 500 x 600mm high, made of 30 x 30 x 2.5mm thick square hollow section frame bolted to brickwork reveal and 10mm round bars welded vertically at 100mm centres to the frame.	No	48
<u>PRESSED STEEL DOOR FRAMES</u>			
<u>1,2mm Double rebated pressed steel door frames suitable for half brick walls:</u>			
11	Frame for door size 813 x 2032mm high with two 100mm steel butts - hinge pins to be welded	No	19
<u>1,2mm Double rebated pressed steel door frames suitable for one brick walls:</u>			
12	Frame for door size 813 x 2032mm high with two 100mm steel butts - hinge pins to be welded	No	6
Carried Forward to Summary of Section No. 2			R
Section No. 2: Renovations of Existing Buildings			
Bill No. 9			
Metalwork			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

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**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 11</u>			
	<u>TILING</u>			
	NOTE: 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.			
	<u>WALL TILING</u>			
	<u>Gloss ceramic tiles (allow a PC: R200/m2) fixed with adhesive to plaster (plaster elsewhere):</u>			
1	On walls (LI)	m2	593	
2	On walls in isolated panels, splashbacks, etc (LI)	m2	7	
3	On narrow widths (LI)	m2	8	
	<u>FLOOR TILING</u>			
	<u>Porcelain non slip tiles (allow a PC: R400/m2) bedded and jointed on screeds (measured separately) with adhesive in strict accordance with manufacturer's recommendations.</u>			
4	On floors (LI)	m2	81	
	<u>CORNER PROTECTORS, DIVIDING STRIPS, ETC</u>			
5	5 x 40mm Flat section brass dividing strips between different floor finishes (LI)	m	3	
	Carried Forward to Summary of Section No. 2		R	
	Section No. 2: Renovations of Existing Buildings			
	Bill No. 11			
	Tiling			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 12</u>			
	<u>PLUMBING AND DRAINAGE (PROVISIONAL)</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>uPVC pipes and fittings:</u>			
	Soil, waste and vent pipes and fittings shall be solvent weld jointed			
	<u>uPVC pressure pipes and fittings:</u>			
	Pipes for water supply shall be of the class stated			
	Pipes of 40mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings			
	Pipes of 50mm diameter and greater shall have sockets and spigots with push in type integral rubber ring joints. Bends shall be uPVC and all other fittings shall be cast iron, all with similar push-in type joints			
	<u>Copper pipes:</u>			
	Pipes shall be hard drawn and half-hard pipes of the class stated. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard), class 2 (half-hard) and class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti-syphon pipes, capillary solder fittings and compression fittings shall be "Cobra Watertech" or similar and approved type. Capillary solder fittings shall comply with ISO 2016. Only compression fittings shall be used in walls or in ground			
	<u>Fixing of pipes</u>			
	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			
	Carried Forward			
	Section No. 2: Renovations of Existing Buildings			
	Bill No. 12			
	Plumbing and Drainage			
			R	

Brought Forward	R
<u>Reducing fittings</u> Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60mm only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm all sizes are given and no claim for extra bushes, reducers, etc will be entertained <u>Excavations</u> No claim for rock excavation will be entertained unless the contractor has timeously notified the quantity surveyor thereof prior to backfilling "Soft rock" and "hard rock" shall be as defined in "Earthworks" <u>Laying, backfilling, bedding, etc. of pipes</u> Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with manufacturers' instructions Where no manufacturers' instructions exist pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following: SABS 1200 L : Medium-pressure pipelines LD : Sewers LE : Stormwater drainage Pipe trenches etc shall be backfilled in accordance with clauses 3, 5.5, 5.6, 5.7 and 7 of SABS 1200 DB : Earthworks (Pipe trenches) Pipes shall be bedded in accordance with clauses 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SABS 1200 LB : Bedding (Pipes). Unless otherwise described bedding of rigid pipes shall be class B bedding <u>Flush pans</u> Flush pans shall have straight or side outlets and "P" or "S" traps as necessary	
Carried Forward	R
Section No. 2: Renovations of Existing Buildings Bill No. 12 Plumbing and Drainage	

Brought Forward <u>Stainless steelbasins, sinks, wash troughs, urinals, etc.</u> Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable <u>Waste unions</u> Descriptions of waste unions shall be deemed to include rubber or vulcanite plugs and chains fixed to fittings <u>"Densyl" petrolatum anti-corrosion tape as manufactured by Denso SA (Pty) Ltd.</u> Pipes to be taped shall be coated with the appropriate primer and the tape shall be applied with minimum 15mm lap per spiral unless otherwise described Couplings and fittings to pipes shall be taped in strict accordance with the manufacturer's instructions including all mastic, tape, "Layflat" sheeting, securing of same, etc	R
Carried Forward Section No. 2: Renovations of Existing Buildings Bill No. 12 Plumbing and Drainage	R

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Brought Forward			R
<u>RAINWATER DISPOSAL</u>			
<u>0,6mm Galvanized sheet iron Class Z 275</u>			
1	100 x 125mm Rectangular section eaves gutter with 20mm wide overlapping joints sealed with and including "Compriband" or other approved sealing strip and rivetted at 20mm centres.	m	410
2	Extra over 100 x 125mm eaves gutter for stopped end.	No	32
3	Extra over 100 x 125mm eaves gutter for outlet for 100 x 76mm downpipe including galvanized wire balloon grating.	No	60
4	100mm x 76mm Rainwater pipe with brackets fixed to brick wall or concrete.	m	180
5	Extra over 100 x 76mm rainwater pipe for shoe.	No	60
6	Extra over 100 x 76mm rainwater pipe for eaves or plinth offset 500mm projection.	No	60
<u>SANITARY FITTINGS</u>			
<u>Stainless steel</u>			
<u>"Franke" or similar and approved</u>			
7	Franke Rondo Prep Bowl RDX61034 - 340mm diameter	No	2
8	Franke Grade 304 18/10 stainless steel QLXS621-120 standard double drop-in sink (code: 820008), size 1200 x 435mm wide with 395 x 330 x 170mm deep bowl, 38mm waste outlet and folded edges, fitted into worktop of cupboard (elsewhere specified) with fixing clips	No	2
Carried Forward			R
Section No. 2: Renovations of Existing Buildings Bill No. 12 Plumbing and Drainage			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

	Brought Forward			R
	<u>"Vaal" or similar and approved</u>			
9	Vaal Sanitaryware vitreous china 510mm x 400mm "DAISY" basin (code:7008) with integrated overflow (code: 7031) with two semi-punched tapholes, & chainstay hole. Colour: white, .bolted to the wall using two 10 mm bolts (code: 8448Z0)	No	12	
10	Vaal Sanitaryware vitreous china "Orchid" close coupled 90 deg. outlet wall hung open rim pan (code 438600) and matching 6 litre push button top dual flush back inlet cistern (code 4386DT) complete with lid, fitments with a floor bracket (code: 8082Z0) and "orchid" wooden seat (code 8520Z0).	No	18	
11	Vaal Sanitaryware vitreous china "orchid" back inlet 90 deg. Wall hung open rim paraplegic pan (code: 439016) colour: white, with a floor bracket (code: 8082Z0) and "orchid" wooden seat (code 8520Z0)	No	2	
12	Vaal Sanitaryware vitreous china wall hung "Lavatera" urinal with top inlet (code 705426). Overall size 600 x 385 x 380 mm. Top inlet fittings (code 7054Z1) include a 38 mm c.p. domical grating, a spreader (with a 20 mm diameter thread), and two hanger brackets.	No	3	
	<u>WASTE UNIONS, ETC.</u>			
	<u>"Cobra Watertech"</u>			
13	32mm Sink waste union.	No	6	
14	32mm Basin waste union.	No	12	
15	40mm Urinal waste union.	No	2	
	<u>TRAPS, ETC.:</u>			
	<u>Butyl rubber:</u>			
16	40mm Double flexitrap.	No	2	
	Carried Forward			R
	Section No. 2: Renovations of Existing Buildings			
	Bill No. 12			
	Plumbing and Drainage			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

	Brought Forward		R
	<u>"Cobra Watertech":</u>		
17	"VA 2.360" sink "P" trap.	No	2
18	32 x 50mm CP bottle trap	No	12
19	40 x 50mm CP bottle trap	No	2
	<u>TAPS, VALVES, ETC,</u>		
	<u>Brass</u>		
20	25mm Stopcock	No	4
	<u>"Cobra Watertech"</u>		
21	Cobra 832/350F Angle Stop Valve and Flexi Connector	No	41
22	Cobra "Stella: 3314ST-15" square type pillar tap with hot or cold indices. ½" BSP male inlet SANS 226 TYPE 2	No	20
23	"Cobra" 508CD medical elbow action, progressive control wall type mixer with underarm swivel outlet. ½" BSP male connection inlets.	No	2
24	Cobra 266/041/10Ca "Carina" wall type sink mixer with an aerated swivel outlet	No	4
25	"FJ 6.000 CP Flushmaster Junior" urinal flushing valve.	No	3
26	15mm "FJT 5.5" CP urinal tail pipe.	No	3
	<u>BUILDER'S WORK, INCLUDING ALL MAKING GOOD</u>		
27	Fair cutting and fittings face bricks around pipe not exceeding 100mm diameter.	No	21
Carried Forward to Summary of Section No. 2			R
Section No. 2: Renovations of Existing Buildings			
Bill No. 12			
Plumbing and Drainage			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

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**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Item No	Quantity	Rate	Amount
<u>SECTION NO. 2</u>			
<u>BILL NO. 14</u>			
<u>PAINTWORK</u>			
For Preambles see "Model Preambles for Trades"			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>PREPARATORY WORK TO EXISTING WORK</u>			
<u>Previously painted plastered surfaces</u>			
Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth			
<u>Previously painted metal surfaces</u>			
Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal			
<u>Previously painted wood surfaces</u>			
Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth			
<u>PAINT SPECIFICATIONS</u>			
All painting shall be done in accordance with manufacturer's specifications unless otherwise described			
Carried Forward			R
Section No. 2: Renovations of Existing Buildings Bill No. 14 Paintwork			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Brought Forward			R
<u>COLOURS</u>			
Unless otherwise described paintwork on ceilings shall be deemed to be in the "White" colour group and paintwork on all other components shall be deemed to be in the "Pastel" colour group in accordance with the Natural Colour System (NCS) adopted by the SA National Standards			
<u>PAINTWORK ETC TO NEW WORK</u>			
<u>ON FLOATED PLASTER</u>			
<u>One coat alkali resistant primer and two coats PVA emulsion paint for interior use</u>			
1	On internal walls (LI)	m2	192
<u>ON PLASTER BOARD</u>			
<u>One coat "Plascon UC.56 Merit" plaster primer and two coats "EPL Polvyn Super Acrylic" on:</u>			
2	On ceilings and cornices	m2	1 429
<u>ON FIBRE CEMENT</u>			
<u>One coat alkali resistant primer and two coats superior quality acrylic emulsion paint for interior and exterior use</u>			
3	On ceilings and cornices (LI)	m2	423
4	On fascias and barge boards (LI)	m2	380
<u>ON METAL</u>			
<u>One coat self etching primer, one coat alkyd based universal undercoat and two coats superior quality universal enamel paint, on galvanised steel</u>			
5	On door frames (LI)	m2	44
6	On eaves gutters (LI)	m2	246
Carried Forward			R
Section No. 2: Renovations of Existing Buildings			
Bill No. 14			
Paintwork			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

	Brought Forward			R
7	On rails, bars, pipes, etc exceeding 300mm girth (LI)	m2	108	
8	On gates, grilles, burglar screens, balustrades, etc (both sides measured over the full flat area) (LI)	m2	103	
	<u>ON WOOD</u>			
	<u>Three coats superior quality clear gloss varnish</u>			
9	On doors (LI)	m2	74	
10	On skirtings, rails, etc not exceeding 300 mm girth (LI)	m	722	
	<u>Spot priming bare wood surfaces, one coat alkyd based universal undercoat and two coats superior quality universal enamel paint</u>			
11	On doors (LI)	m2	72	
	<u>PAINTWORK, ETC TO PREVIOUSLY PAINTED WORK</u>			
	<u>ON FLOATED PLASTER</u>			
	<u>One coat alkali resistant primer and two coats PVA emulsion paint for interior use</u>			
12	On internal walls in patterned multi-colours (LI)	m2	2 578	
	<u>ON METAL</u>			
	<u>One coat self etching primer, one coat alkyd based universal undercoat and two coats superior quality universal enamel paint, on galvanised steel</u>			
13	On door frames (LI)	m2	44	
14	On window frames	m2	611	
	Carried Forward to Summary of Section No. 2			R
	Section No. 2: Renovations of Existing Buildings			
	Bill No. 14			
	Paintwork			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Bill No	SECTION SUMMARY - Section No. 2: Renovations of Existing Buildings	Page No	Amount
1	Alterations	40	
2	Concrete, Formwork and Reinforcement	43	
3	Masonry	45	
4	Roof Coverings, etc	47	
5	Carpentry and Joinery	55	
6	Ceilings, Partitions and Access Flooring	57	
7	Floor Coverings, Plastic Linings, etc	58	
8	Ironmongery	61	
9	Metalwork	64	
10	Plastering	65	
11	Tiling	66	
12	Plumbing and Drainage	72	
13	Glazing	73	
14	Paintwork	76	
Carried to Final Summary Section No. 2: Renovations of Existing Buildings			

Section No. 3:
New Building Works

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Item No	Quantity	Rate	Amount
<u>SECTION NO. 3</u>			
<u>BILL NO. 1</u>			
<u>EARTHWORKS (PROVISIONAL)</u>			
<u>SUPPLEMENTARY PREAMBLES</u>			
NOTE: The foundations have measured to the top of the surface bed. Foundations depths shall be confirmed on site. All excavations shall not be covered prior to the approval and recording of the depths by the Engineer.			
<u>Nature of ground</u>			
A soils investigation has been carried out on site by the engineer and the report is available at their offices for scrutiny. Descriptions of excavations shall be deemed to include all ground conditions classifiable as "earth" described in the above report and where conditions of a more difficult character are indicated these are separately measured			
<u>Carting away of excavated material</u>			
Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site			
<u>EXCAVATION, FILLING, ETC OTHER THAN BULK</u>			
<u>Excavation in compacted earth filling material not exceeding 2m deep</u>			
1	Trenches (LI)	m3	1 642
2	Holes (LI)	m3	43
<u>Extra over excavation in earth for excavation in</u>			
3	Soft rock (LI)	m3	168
4	Hard rock	m3	84
Carried Forward			R
Section No. 3: New Building Works Bill No. 1 Earthworks			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Brought Forward			R
<u>Extra over all excavations for carting away</u>			
5	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor (LI)	m3	1 016
<u>Risk of collapse of excavations</u>			
6	Sides of trench and hole excavations not exceeding 1,5m deep	m2	4 219
<u>Keeping excavations free of water</u>			
7	Keeping excavations free of all water other than subterranean water	Item	
<u>G5 earth filling supplied by the contractor compacted to 95% Mod AASHTO density in layers not exceeding 150mm thick</u>			
8	Backfilling to trenches, holes, etc (LI)	m3	671
9	Under floors, steps, pavings, etc (LI)	m3	1 257
<u>River sand filling supplied by the Contractor:</u>			
10	30mm Thick dry, clean, washed bedding sand layer evenly spread over filling (elsewhere), levelled, watered and rammed to receive block paving (elsewhere).	m2	3 990
<u>Compaction of surfaces</u>			
11	Compaction of ground surface under floors, trenches, etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density (LI)	m2	5 603
<u>Soil insecticide</u>			
12	Under floors etc including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming (LI)	m2	3 990
13	To bottoms and sides of trenches, etc (LI)	m2	5 823
Carried Forward to Summary of Section No. 3			R
Section No. 3: New Building Works			
Bill No. 1			
Earthworks			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Item No	Quantity	Rate	Amount
<u>SECTION NO. 3</u>			
<u>BILL NO. 2</u>			
<u>CONCRETE, FORMWORK AND REINFORCEMENT (PROVISIONAL)</u>			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Cost of tests</u>			
The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the architect. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the architect. (Test cubes are measured separately) Breeze concrete shall consist of twelve parts clean dry furnace ash, free from coal or other foreign matter, to one part cement (12:1), the ash graded up to particles which will pass a 16,5mm ring from a minimum which fails to pass a 4,75mm mesh. The finer materials from the screening are to be first mixed with the cement into a mortar and the ash added afterwards and thoroughly incorporated			
<u>"Foamcement " lightweight concrete</u>			
"Foamcement" lightweight concrete is to have a density of 600kg/m³ for the top 50mm and 400kg/m³ for the remaining thickness. The minimum thickness at outlets, channels, etc shall be 50mm			
<u>"Celbeton" lightweight concrete</u>			
"Celbeton" lightweight concrete is to have a density of 1000kg/m³ for the top 20mm and 480kg/m³ for the remaining thickness. The minimum thickness at outlets, channels, etc shall be 30mm			
Carried Forward			R
Section No. 3: New Building Works Bill No. 2 Concrete, Formwork and Reinforcement			

Brought Forward			R
<u>Formwork</u> Description of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself. Formworks to soffits of solid etc shall be deemed to be slabs not exceeding 250mm thick unless otherwise described Formwork to sides of bases, pile caps, ground beams, etc will only be measured where it is prescribed by the engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks"			
<u>UNREINFORCED CONCRETE</u> <u>UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u> <u>15MPa/19mm concrete</u>			
1	Surface blinding under footings and bases	m3	101
<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u> <u>30MPa/19mm concrete</u>			
2	Bases	m3	14
Carried Forward			R
Section No. 3: New Building Works Bill No. 2 Concrete, Formwork and Reinforcement			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Brought Forward			R
3	Strip footings	m3	545
<u>REINFORCED CONCRETE</u>			
4	Surface beds	m3	399
<u>REINFORCED CONCRETE CAST ON/IN FORMWORK</u>			
<u>30MPa/19mm concrete</u>			
5	Columns in foundations	m3	31
<u>TEST BLOCKS</u>			
6	Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	No	385
<u>CONCRETE SUNDRIES</u>			
<u>Finishing top surfaces of concrete smooth with a wood float</u>			
7	Surface beds, slabs, etc	m2	3 990
<u>SMOOTH FORMWORK:</u>			
<u>Smooth formwork to sides</u>			
8	Rectangular columns in foundations (Provisional)	m2	251
<u>Boxing in smooth formwork to form</u>			
9	25 x 25mm Chamfers along top or bottom edges	m	502
<u>MOVEMENT JOINTS ETC (PROVISIONAL)</u>			
<u>Saw cut joints</u>			
10	6 x 25mm Saw cut joints on top of concrete	m	20 270
<u>REINFORCEMENT (PROVISIONAL)</u>			
Carried Forward			R
Section No. 3: New Building Works Bill No. 2 Concrete, Formwork and Reinforcement			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Brought Forward			R
	<u>Mild yield deformed type II steel reinforcement to concrete as described including all bending, hooked ends, binding wire and temporary supports</u>		
11	Steel bar reinforcement in various sizes	t	11.04
	<u>High yield deformed type II steel reinforcement to concrete as described including all bending, hooked ends, binding wire and temporary supports</u>		
12	Steel bar reinforcement in various sizes	t	44.60
	<u>Fabric reinforcement</u>		
13	Type Ref 193 fabric reinforcement in concrete surface beds, slabs, etc	m2	3 990
Carried Forward to Summary of Section No. 3			R
Section No. 3: New Building Works			
Bill No. 2			
Concrete, Formwork and Reinforcement			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Item No	Quantity	Rate	Amount
<u>SECTION NO. 3</u>			
<u>BILL NO. 3</u>			
<u>MASONRY (PROVISIONAL)</u>			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>BRICKWORK</u>			
<u>Sizes in descriptions</u>			
Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick			
<u>Hollow walls etc</u>			
Descriptions of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole.			
Walls in two skins described as "bagged and sealed" shall be deemed to include having the outer face of the inner skin bagged with 1:6 cement and sand mixture and sealed with two coats "Brixéal" bitumen emulsion waterproofing coating.			
<u>Face bricks</u>			
Bricks shall be ordered timeously to obtain uniformity in size and colour			
<u>Pointing</u>			
Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc			
Carried Forward		R	
Section No. 3: New Building Works Bill No. 3 Masonry			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Brought Forward			R
<u>FOUNDATIONS (PROVISIONAL):</u>			
<u>Brickwork of NFX bricks (14 Mpa nominal compressive strength) in class I mortar</u>			
1	One brick wall (LI)	m2	1 093
2	270mm Hollow walls of two half brick skins, including 25MPa concrete infill in cavities and vertical twisted type wall ties (LI)	m2	851
<u>Brick reinforcement</u>			
3	75mm Wide reinforcement built in horizontally (LI)	m	093
4	150mm Wide reinforcement built in horizontally (LI)	m	851
<u>FACE BRICKWORK</u>			
<u>External face brick (allow a PC: R6500/1000 bricks) pointed with recessed horizontal and vertical joints to match existing.</u>			
5	Extra over brickwork for face brickwork (LI)	m2	3 540
<u>Brick-on-edge header course copings, sills, etc. of face bricks (allow a PC: R6500/1000 bricks) pointed with recessed joints on all exposed faces to match existing.</u>			
6	Coping on top of one brick wall (LI)	m	2
<u>SUPERSTRUCTURE</u>			
<u>Brickwork of NFX bricks (14 Mpa nominal compressive strength) in class I mortar</u>			
7	Piers (LI)	m3	63
8	Half brick walls (LI)	m2	509
9	Half brick walls in beamfilling (LI)	m2	126
10	One brick walls (LI)	m2	2 724
Carried Forward			R
Section No. 3: New Building Works			
Bill No. 3			
Masonry			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

	Brought Forward			R
11	270mm Hollow walls of two half brick skins, including 15Mpa concrete infill in cavities at lower end of cavity, draining through weep holes at 1500mm centres, and 50mm thick expanded polystyrene (EPS) wall insulation boards in cavity and vertical twisted type wall ties (LI)	m2	3 167	
	<u>Brickwork reinforcement</u>			
12	75mm Wide reinforcement built in horizontally (LI)	m	19 956	
13	150mm Wide reinforcement built in horizontally (LI)	m	6 989	
	<u>Prestressed fabricated lintels</u>			
14	110 x 75mm Lintels in lengths not exceeding 3m (LI)	m	83	
	<u>Turning pieces</u>			
15	220mm Wide turning piece to lintels etc (LI)	m	341	
	<u>Galvanised wire ties, etc</u>			
16	4mm Diameter roof tie 2m girth bent double with one end fixed to timber and other end built into brickwork (LI)	No	1 049	
	<u>Galvanised hoop iron cramps, ties, etc</u>			
17	1.6 x 25 x 540mm galvanised hoop iron every fourth course (LI)	No	1 049	
	<u>FACE BRICKWORK</u>			
	<u>External face brick (allow a PC: R6500/1000 bricks) pointed with recessed horizontal and vertical joints to match existing.</u>			
18	Extra over brickwork for face brickwork (LI)	m2	3 867	
19	Extra over brickwork to beamfilling for face brickwork (LI)	m2	127	
20	Extra over brickwork for face brickwork to piers and pilasters (LI)	m2	367	
21	One brick walls in English bond pointed on both sides	m2	300	
	Carried Forward			R
	Section No. 3: New Building Works			
	Bill No. 3			
	Masonry			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

	Brought Forward			R
	<u>Brick-on-edge header course copings, sills, etc. of face bricks (allow a PC: R6500/1000 bricks) pointed with recessed joints on all exposed faces to match existing.</u>			
22	Extra over brickwork for brick-on-edge header course lintel (LI)	m	386	
23	Coping on top of one brick wall for internal window sills (LI)	m	335	
24	External window sill, 110mm wide set sloping in cement mortar and pointing on top and front edge including all necessary fair raking cutting to facings under and fair and fitted ends (LI)	m	335	
Carried Forward to Summary of Section No. 3				R
Section No. 3: New Building Works				
Bill No. 3				
Masonry				

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BILL NO. 4</u>			
	<u>WATERPROOFING</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Waterproofing</u>			
	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			
	<u>DAMP-PROOFING OF WALLS AND FLOORS</u>			
	<u>One layer of 375 micron embossed damp proof course</u>			
1	In walls (LI)	m2	800	
2	On walls, stepped up in cavities, under sills, around door frames etc (LI)	m2	84	
	<u>One layer of 250 micron waterproof sheeting sealed at laps with approved tape</u>			
3	Under surface beds (LI)	m2	3 990	
	Carried Forward to Summary of Section No. 3		R	
	Section No. 3: New Building Works			
	Bill No. 4			
	Waterproofing			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Item No	Quantity	Rate	Amount
<u>SECTION NO. 3</u> <u>BILL NO. 5</u> <u>ROOF COVERINGS ETC</u> <u>CPAP work group: 124</u> <u>PROFILED METAL SHEETING AND ACCESSORIES</u> <u>Supplementary Preambles:</u> Notes : The following roof sheeting systems are to be installed in strict accordance with the Manufacturer's and/or Supplier's specifications. Fixing of all roof sheeting is to be in accordance with the Manufacturer's approved Instruction Book. The Manufacturer shall comply with ISO9002 Quality Management System. A written and approved five year guarantee of site-workmanship and watertightness shall be issued after final inspection of concealed-fix roofing by the Manufacturer			
Carried Forward Section No. 3: New Building Works Bill No. 5 Roof Coverings, etc			R

Brought Forward			R
<u>70mm Profile Ziptech 120 Chromadek roof sheeting, minimum of 0.58mm thick, colour "Volcanic Grey" or similar approved, fixed to timber roof trusses and timber purlins forming a 17 degree pitched roof. Roof sheeting shall be secured to the purlins using corrosion-resistant self drilling roofing screws (minimum 12 gauge x 65-75mm) with neoprene washers to ensure a watertight seal, fixed at each purlin in accordance with the manufacturer's specifications and SANS requirements. Provide all necessary matching Chromadek flashings, ridge caps, barge flashings, and closures, properly lapped and sealed to ensure a fully waterproof installation. All work shall comply with SANS 10400 and the manufacturer's installation guidelines. The final colour and product shall be approved by the Architect prior to installation.</u>			
1	Roof covering with pitch not exceeding 25 degrees, in transportable lengths not exceeding 20m fixed to timber purlins.	m2	5 046
<u>Steel sheet accessories to preceding roof coverings</u>			
2	Ridge cappings 462mm girth	m	369
3	Hip cappings 462mm girth	m	150
4	Valley flashings 462mm girth	m	32
5	Gable trims 660mm girth	m	363
6	Verge trims 462mm girth	m	12
7	Head wall flashings 462mm girth	m	12
8	Narrow and broad flute closers	m	769
9	Narrow and broad flute closers, raking at valleys or hips	m	427
10	Moulded narrow and broad rib polyethelene filler blocks	m	769
11	Moulded narrow and broad rib polyethelene filler blocks, raking at valleys or hips	m	425
Carried Forward			R
Section No. 3: New Building Works Bill No. 5 Roof Coverings, etc			

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**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Item No	Quantity	Rate	Amount
<u>SECTION NO. 3</u>			
<u>BILL NO. 6</u>			
<u>CARPENTRY AND JOINERY</u>			
<u>SUPPLEMENTARY PREAMBLES</u>			
NOTE: TIMBER: (ALL SOFTWOOD TO BE SOUTH AFRICAN PINE):			
<u>NOTE:DESCRIPTIONS:</u>			
The term "planted on" shall mean nailing of one timber member to another.			
The term "screwed on" shall mean the countersunk screwing of one timber member to another.			
The term "screwed on and pelleted" shall mean the screwing of one timber member to another with the heads of screws sunk and pelleted.			
Descriptions of floors, ceilings, joinery, etc. shall be deemed to include for all square cutting.			
Descriptions of items given in lineal metre shall be deemed to include for mitres, stopped ends, fitted intersections, etc.			
Descriptions of rounded angles, rebates, grooves, chamfers, moulded edges, etc. shall be deemed to include for angles, ends, etc.			
Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes.			
Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pinned to brickwork or concrete.			
Carried Forward		R	
Section No. 3: New Building Works Bill No. 6 Carpentry and Joinery			

Brought Forward	R
<u>NOTE:Decorative laminate finish:</u> Laminate finish shall be glued under pressure. Edge strips shall be butt joined at junctions with adjacent similar finish. NOTE:ROOFS, ETC.: NOTE:PREFABRICATED METAL CONNECTOR TIMBER ROOF TRUSSES: Prices must include fees to the project Consultant Engineer for the approval of proposed truss designs, to be paid by the Contractor . Trusses are to comply with the following specifications: NOTE:SPECIFICATION FOR MONO PLANER PREFABRICATED METAL CONNECTOR TIMBER ROOF TRUSSES: All trusses are to be fabricated in a factory by specialists approved by the Consultant Engineer. NOTE:Timber: Timber for trusses to be South african pine and shall be in accordance with grade V4 or M4 as defined in SABS Specification No. 563, or V6, M6, M8 or M10 as defined in SABS Specification No. 1245 and shall be marked as laid down in the specification. NOTE:Metal connector plates: The metal connector plates shall be fabricated out of not less than 1mm thick drawn quality galvanized steel. The steel shall have a minimum yield strength of 228 MPa and a minimum ultimate tensile strength of 330 MPa. The corrosion resisting coating shall be not less than 275 g/m2 class C hot dipped galvanizing as per SABS 934 before stamping.	
Carried Forward	R
Section No. 3: New Building Works Bill No. 6 Carpentry and Joinery	

Brought Forward	R
The permissible load to be transmitted in the South African pine by the connector plates shall be obtained from the results of tests carried out by a recognised authority such as the National Timber Research Institute of the CSIR. NOTE:Truss construction: The trusses shall be constructed with jigs specially designed to provide correct cambers and pitches. All joints are to be close fitted butt joints and made by precision pressing of the metal connector plates into each side of the joint simultaneously. The minimum size of all members must not be less than 25 x 75mm wide. NOTE:General: The timber roof trusses shall be fabricated in a PROPERLY EQUIPPED FACTORY by an approved specialist firm of Truss Fabricators using toothed metal plate connectors. The firm shall hold a Certificate of Competence issued by the Institute for Timber Construction (formerly the Truss Plate Association of Southern Africa), a copy of such certificate to be lodged with the Consultant Engineer. The drawings of the roof structure, indicating also proposed truss spacing, which shall be signed by a registered professional Engineer, shall be submitted by the truss fabricator to the Consultant Engineer for approval, prior to manufacture of the trusses. The fabricator SHALL TAKE FULL RESPONSIBILITY FOR THE DESIGN AND ERECTION. Design calculations shall be available on request.	
Carried Forward	R
Section No. 3: New Building Works Bill No. 6 Carpentry and Joinery	

Brought Forward	R
A schedule of rates must be submitted with the offer and shall include for the supply of all timber of the required grade and type including all cutting and waste, cutting to exact length and end angles necessary to manufacture the respective truss types, the supply of all connector plates, prefabrication of the trusses in a jig, checking the completed truss for quality, loading up, transporting to the site of the works and: (i) unloading and storing under cover and protected from the weather; (ii) hoisting up and erecting the trusses at the required truss centres truly plumb and square on top of wall plates, all in accordance with site instructions supplied by the truss fabricator regarding erection, bracing, holding down and all necessary connections; Note: The trusses are to be erected strictly in accordance with the procedures and recommendations of the manual "The Erection and Bracing of Timber Roof Trusses" published by the Institute for Timber Construction and the National timber Research Institute of the CSIR. (iii) Such site supervision as deemed necessary to ensure that all the erection details have been complied with. NOTE: Truss design: A certificate stating that the trusses have been designed in accordance with SABS 0160 and SABS 0163 shall be provided to the Consultant Engineer through the Contractor and is to be signed by the Truss Designer. Over and above the foregoing, the Truss Designer shall also be responsible for the correct erection and on completion shall provide a certificate to the Consultant Engineer to confirm that the completed roof is in accordance with the relevant specifications and to the satisfaction of the Truss Designer. Notwithstanding the furnishing of the above certificate, the Contractor shall bear contractual responsibility for the adequacy of the constructed roof and he shall indemnify the Department against any loss, consequential or otherwise, arising out of such responsibility, including any latent defects.	
Carried Forward	R
Section No. 3: New Building Works Bill No. 6 Carpentry and Joinery	

Brought Forward	R
The dead load shall comprise of:(i) Corrugated iron roof sheeting.(ii) Self weight of truss. (iii) Weight of purlins and brandering.(iv) Ceiling insulation.(v) 6mm Thick asbestos or gypsum ceiling board. NOTE:Truss spacing: The truss centres shall be as designed by the Manufacturer, to the approval of the Consultant Engineer. NOTE: Trusses are to be "Hydronail or Gangnail" prefabricated timber trusses with all members joined together with steel plates. All timbers to be wrot. The roof is to be erected in accordance with the relevant drawings. Prices are to include for all necessary trusses, rafters, ties and bracings complete. The roof is to be designed to carry 'IBR' roofing sheets with trusses at approximately 1200 mm centres and pitched at 25 degrees The Contractor may be required to produce design calculations for checking, notwithstanding which, he will be held solely responsible for sufficiency of design All dimensions given are approximate and should not be used for design or ordering purposes. NOTE:Truss pitch: The truss pitch shall be as described in the Bills of Quantities or as specified on the Architect's or Engineers' drawings for each respective truss type. NOTE:Composite structure: Under no circumstances will it be accepted that the ceiling brandering is to be relied upon to assist in the structural stability of the trusses.	
Carried Forward	R
Section No. 3: New Building Works Bill No. 6 Carpentry and Joinery	

Brought Forward	R
NOTE:Precedent clause: In the event of conflict between the various specifications, the consecutive order of the specifications listed in the following list shall take precedence: (i) The Engineer's detailed drawings. (ii) The project and/or extra specifications. (iii) The standard specifications SABS 1200. (iv) The Quantity Surveyor's preambles in this Bill of Quantities. <u>Particle board:</u> Particle board shall comply with the following specifications: a) SABS 1300 Particle board: exterior and flooring type b) SABS 1301 Particle board: interior type <u>Joinery:</u> Descriptions of frames shall be deemed to include frames, transomes, mullions, rails, etc Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes <u>Fixing</u> Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete <u>Decorative laminate finish:</u> Laminate finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish	
Carried Forward	R
Section No. 3: New Building Works Bill No. 6 Carpentry and Joinery	

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Brought Forward				R
<u>ROOFS ETC</u>				
<u>Roof construction</u>				
1	Roof construction to mono pitched roof with one gable end, 7,300 x 11,500mm and 2,000mm high overall including trusses, permanent bracing, wall plates, purlins, etc.(New General Hall - Change rooms)	No	1	
2	Roof construction to double pitched roof with two gable ends, 3,140 x 3,440mm and 1400m high overall including trusses, permanent bracing, wall plates, purlins, etc. (New Security Rooms)	No	1	
3	Roof construction to double pitched roof with two gable ends, 7,500 x 5,000mm and 1400m high overall including trusses, permanent bracing, wall plates, purlins, etc. (New Refuse Yard)	No	1	
4	Roof construction to double pitched roof with four gable ends, 31,240 x 15,790mm and 2,000mm high overall including trusses, permanent bracing, wall plates, purlins, etc.(New Administration Block)	No	1	
5	Roof construction to double pitched roof with two gable ends, 37,941 x 10,160mm and 2,000mm high overall including trusses, permanent bracing, wall plates, purlins, etc. (New Multi-purpose)	No	1	
6	Roof construction to double pitched roof with three gable ends, 29 077 x 10 161mm and 2,000mm high overall including trusses, permanent bracing, wall plates, purlins, etc. (New Computer + Science Laboratory)	No	1	
7	Roof construction to double pitched roof with two gable ends, 22,280 x 7,440mm and 1400m high overall including trusses, permanent bracing, wall plates, purlins, etc. (New Tuck Shop)	No	1	
8	Roof construction to double pitched roof with two gable ends, 11,800 x 6,900mm and 1400m high overall including trusses, permanent bracing, wall plates, purlins, etc. (New Change Rooms)	No	1	
Carried Forward				R
Section No. 3: New Building Works				
Bill No. 6				
Carpentry and Joinery				

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Brought Forward			R
9	Roof construction to double pitched roof with two gable ends, 37,276 x 10,160mm and 1720m high overall including trusses, permanent bracing, wall plates, purlins, etc. (New 4 Classroom + HOD Office)	No	2
10	Roof construction to double pitched roof with two gable ends, 38,685 x 10,160mm and 1720mm high overall including trusses, permanent bracing, wall plates, purlins, etc. (New 4 Classroom + Female Ablutions)	No	1
11	Roof construction to double pitched roof with two gable ends, 38,685 x 10,160mm and 1720mm high overall including trusses, permanent bracing, wall plates, purlins, etc. (New 4 Classroom + Male Ablutions)	No	1
12	Roof construction to double pitched roof with two gable ends, 13,200 x 4,350mm and 881m high overall including trusses, permanent bracing, wall plates, purlins, etc. (New Caretakers & Store room)	No	1
<u>FASCIAS AND BARGE BOARDS:</u>			
<u>"Nutech" fibre cement barge board</u>			
13	10 x 80 x 200mm barge board countersunk screwed to support and roof timbers (elsewhere) with one brass screw at maximum 750mm centres and jointed with and including standard aluminium half round cover strips at all joints.	m	414
<u>"Nutech" fibre cement fascia board</u>			
14	10 x 225mm Fascia board countersunk screwed to support and roof timbers (elsewhere) with one brass screw at maximum 750mm centres and jointed with and including standard aluminium half round cover strips at all joints.	m	734
<u>FLOORS AND SKIRTINGS</u>			
<u>FLOORS:</u>			
<u>SKIRTINGS:</u>			
Carried Forward			R
Section No. 3: New Building Works Bill No. 6 Carpentry and Joinery			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

	Brought Forward			R
	<u>Wrought meranti</u>			
15	19 x 76mm Skirting nailed to walls with heads of nails punched and filled including 19mm quadrant bead planted on at junction with floor.	m	1 196	
	<u>DOORS:</u>			
	<u>Wrought meranti doors, framed, ledged and braced batten door formed of 40 x 110mm styles and top rail, 20 x 225mm bottom ledge, 20 x 150mm middle ledge and 20 x 110mm diagonal braces, filled in flush one side with 20 x 75mm tongued, grooved and V-jointed both sides vertical boarding fixed in and including grooves in styles and top rail including back door board.</u>			
16	44 x 813 x 2032mm Door	No	32	
17	44 x 1511 x 2032mm Double door	No	12	
	<u>Solid flush panel doors with approved veneer both sides and two matching concealed vertical edge strips:</u>			
18	40 x 813 x 2032mm Door.	No	50	
19	40 x 900 x 2032mm Door.	No	13	
20	Extra over for 400 x 300mm framed opening for metal louvre unit (louvre unit elsewhere)	No	13	
Carried Forward to Summary of Section No. 3				R
Section No. 3: New Building Works				
Bill No. 6				
Carpentry and Joinery				

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Item No	Quantity	Rate	Amount
<u>SECTION NO. 3</u>			
<u>BILL NO. 7</u>			
<u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u>			
<u>PREAMBLES</u>			
For Preambles see "Model Preamble for Trades"			
<u>SUPPLEMENTARY PREAMBLES</u>			
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 Architect			
<u>Descriptions:</u>			
Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete			
Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted" the bolts have been given elsewhere			
<u>CPAP work group: 129</u>			
<u>CEILINGS ETC</u>			
<u>NAILED UP CEILINGS</u>			
Carried Forward		R	
Section No. 3: New Building Works Bill No. 7 Ceilings, Partitions and Access Flooring			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Brought Forward			R
	<u>6.4mm Gypsum plastered ceiling board (to comply with SABS 266-I 982 or later revision) installed with longer lengths to suit room configurations with "wire scrim tape" fixed overall joints and plastered with 6mm thick light weight Hemi-Hydrate Gypsum. Ceiling to be fixed to timber branderling with all necessary accessories to strict manufacturer's specification.</u>		
1	Ceilings including 38 x 38mm sawn softwood branderling at 400mm centres in one direction (LI)	m2	2 726
2	Extra over ceiling for hinged pressed metal trap door size 600 x 600mm including all necessary ironmongery (LI)	No	26
	<u>Gypsum plasterboard cornices</u>		
3	50mm Coved cornices (LI)	m	2 294
	<u>SUSPENDED CEILINGS</u>		
	<u>1200 x 600 x 15mm Thick acoustic ceiling panels on exposed suspension grid system including hangers, necessary hold-down clips and wedges, etc</u>		
4	Ceilings suspended not exceeding 1m below steel trusses (LI)	m2	973
	<u>Cornices, perimeter trims, etc to suspended ceilings</u>		
5	"Shadow line" pre-painted wall angles, plugged (LI)	m	194
	<u>CEILING TIMBERS, BEADS, INSULATION, ETC</u>		
	<u>Non-combustible fibreglass insulation of a density of not less than 10kg/m3 bonded with an inert thermo-setting resin</u>		
6	100mm Insulation in blanket form lapped not less than 50mm along all edges and laid on top of branderling between roof timbers etc	m2	3 699
Carried Forward to Summary of Section No. 3			R
Section No. 3: New Building Works			
Bill No. 7			
Ceilings, Partitions and Access Flooring			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

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**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BILL NO. 9</u>			
	<u>IRONMONGERY</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Finishes to ironmongery</u>			
	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			
	<u>HINGES, BOLTS, ETC</u>			
	<u>"Union" or similar and approved</u>			
1	"Union code: 8052-150NP" flush bolt, nickel plated finish	No	11	
2	"Union" indicator bolt	No	37	
3	"Union" paraplegic helping hand handle	No	1	
4	"Union" Rebate kit	No	11	
	<u>LOCKS</u>			
	<u>"Union" or similar and approved</u>			
5	4 lever security lockset with satin anodized aluminium or stainless steel handles with 150mm x 150mm aluminium back plate screwed to the door panel	No	68	
6	3000mm long horizontal/vertical grab bar	No	2	
	<u>DOOR CLOSERS:</u>			
	Carried Forward		R	
	Section No. 3: New Building Works Bill No. 9 Ironmongery			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Brought Forward			R
	<u>"Dorma" or similar and approved</u>		
7	DORMA TS73N/EN3 - 4 parallel arm door closer - delayed closing - push side fitting	No	14
	<u>LETTERS, NAMEPLATES, ETC. (PROVISIONAL):</u>		
	<u>150 x 150 x 3mm Thick clear perspex name plate reverse engraved and twice countersunk holed for and screwed to door with chromium plated dome headed screws in enamelled lettering.</u>		
8	Room numbers not exceeding three numerals or letters	No	72
	<u>Clear perspex name plate reverse engraved and twice countersunk holed for and screwed to door with chromium plated dome headed screws in enamelled lettering.</u>		
9	300 x 150 x 5mm Thick name plates on doors	No	72
	<u>"Union" or similar and approved</u>		
10	"Union AL 8021" plate with male or female or paraplegic symbol.	No	14
	<u>SUNDRIES:</u>		
11	DORMA DDS-NP-018 nickel plated floor stop	No	121
	<u>BATHROOM FITTINGS:</u>		
	<u>"Kimberly Clark" or equal and approved</u>		
12	1L White wall mounted soap dispenser for Aquarius, Kimcare, Kleenex	No	36
13	Aquarius wall bin 50 litre plastic, colour white	No	8
14	Three toilet roll dispenser compatible with standard size toilet rolls (TR3)	No	29
	<u>"Stiebel Eltron" or equal and approved</u>		
15	Hot air hand dryer HTE4 plastic white	No	3
Carried Forward			R
Section No. 3: New Building Works			
Bill No. 9			
Ironmongery			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

	Brought Forward			R
	<u>"Dorma"</u>			
16	DORMA DHC-SS-031B stainless steel hat and coat hook with rubber buffer	No	38	
	<u>Stainless steel:</u>			
17	Stainless steel wall-mounted side grab rail as Chairman industries (code DL 2)	No	2	
18	Stainless steel wall-mounted rear grab rail around the cistern as Chairman industries (code SR 2)	No	2	
19	Stainless steel wall-mounted grab rail, 500mm long as Chairman industries (code SR 5)	No	2	
	<u>PUSH PLATES AND KICKING PLATES</u>			
	<u>5mm Thick satin finished stainless steel plates countersunk screwed along edges at not exceeding 200mm centres</u>			
20	813 x 150mm Kick plate	No	62	
21	900 x 200mm Kick plate	No	2	
	<u>PINNING BOARDS, WRITING BOARDS, PROJECTION SCREENS, ETC</u>			
22	1500 x 1200mm anodised aluminium frame, info pin boards, set out 50mm off set on both sides or magnetic white board	No	27	
23	4000 x 1200mm Chalkboard, wall mounted, complete with integrated pen tray.	No	21	
	<u>STEEL LOCKERS</u>			
	<u>"JUST STEEL" or similar and approved</u>			
24	Stationery Cupboard 900 x 450 x 1800mm high with 4 adjustable shelves, weight: 40kg bolted to wall	No	23	
	Carried Forward to Summary of Section No. 3			R
	Section No. 3: New Building Works			
	Bill No. 9			
	Ironmongery			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BILL NO. 10</u>			
	<u>STRUCTURAL STEELWORK</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Descriptions</u>			
	Descriptions of bolts shall be deemed to include nuts and washers			
	Descriptions of L-shaped and U-shaped anchor bolts shall be deemed to include bending, threading, nuts and washers and embedding in concrete			
	Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete			
	Descriptions of L-shaped and U-shaped anchor bolts shall be deemed to include bending, threading, nuts and washers and embedding in concrete. Where anchor bolts are described as embedded in sides or soffits of concrete it shall be deemed to include holes through formwork.			
	Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete.			
	<u>THE FOLLOWING IN STRUCTURAL STEEL</u>			
	<u>STEEL ROOF TRUSSES</u>			
	<u>Welded roof trusses of angle rafters, tie beams, rails, struts, braces, cleats, etc and flat bearer, gusset and connection plates, bolted to steel</u>			
1	Prefabricated steel trusses designed and manufactured in accordance with the relevant industry standards and building codes and shop drawings. (General Hall)	m2	723	
	Carried Forward to Summary of Section No. 3			
	Section No. 3: New Building Works			
	Bill No. 10			
	Structural Steelwork			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Item No	Quantity	Rate	Amount
<u>SECTION NO. 3</u>			
<u>BILL NO. 11</u>			
<u>METALWORK</u>			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Descriptions</u>			
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			
<u>STEEL BALUSTRADING</u>			
<u>Welded mild steel balustrading to walkways, retaining walls and stairs</u>			
1	Horizontal balustrading 1000mm high, of 50mm external diameter x 5mm thick continuous pipe handrail, 50 x 12mm flat section posts at approximately 1200mm centres and 12mm diameter intermediate vertical balusters at 100mm centres between 100mm below handrail and 50mm above finished floor level	m	120
2	Raking balustrading 1000mm high, of 50mm external diameter x 5mm thick continuous pipe handrail, 50 x 12mm flat section posts at approximately 1200mm centres and 12mm diameter intermediate vertical balusters at 100mm centres between 100mm below handrail and 50mm above finished floor level	m	69
<u>WELDED SCREENS, GATES, ETC</u>			
<u>SECURITY GATES</u>			
Carried Forward			R
Section No. 3: New Building Works Bill No. 11 Metalwork			

Brought Forward			R
<u>50 x 50 x 3mm square tube sections, outer consisting of 10 x 10mm mild steel bars placed at 100mm centres at a 45 degree angle Steel security gates, screens, etc. installed complete including all subframes, bolts, expansion bolts, etc, as per the attached door schedule (Architect's Drawings: Gate Detail). Colour to Architect's specification.</u>			
3	Steel security gate to door size 900 x 2100mm high	No	33
4	Steel security gate to door size 1500 x 2100mm high	No	12
<u>BURGLAR PROOFS</u>			
<u>Steel burglar proofs installed complete including all frames, bolts, expansion bolts, etc, as per the attached window schedule</u>			
5	Burglar proof, size 1020 x 900mm high, made of 30 x 30 x 2.5mm thick square hollow section frame bolted to brickwork reveal and 10mm round bars welded vertically at 100mm centres to the frame.	No	102
6	Burglar proof, size 1020 x 1245mm high, made of 30 x 30 x 2.5mm thick square hollow section frame bolted to brickwork reveal and 10mm round bars welded vertically at 100mm centres to the frame.	No	134
7	Burglar proof, size 1020 x 650mm high, made of 30 x 30 x 2.5mm thick square hollow section frame bolted to brickwork reveal and 10mm round bars welded vertically at 100mm centres to the frame.	No	15
8	Burglar proof, size 500 x 650mm high, made of 30 x 30 x 2.5mm thick square hollow section frame bolted to brickwork reveal and 10mm round bars welded vertically at 100mm centres to the frame.	No	49
Carried Forward			R
Section No. 3: New Building Works Bill No. 11 Metalwork			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

	Brought Forward			R
9	Burglar proof, size 1440 x 1110mm high, made of 30 x 30 x 2.5mm thick square hollow section frame bolted to brickwork reveal and 10mm round bars welded vertically at 100mm centres to the frame.	No	1	
10	Burglar proof, size 1020 x 400mm high, made of 30 x 30 x 2.5mm thick square hollow section frame bolted to brickwork reveal and 10mm round bars welded vertically at 100mm centres to the frame.	No	12	
	<u>PRESSED STEEL DOOR FRAMES</u>			
	<u>1,2mm Double rebated pressed steel door frames suitable for half brick walls:</u>			
11	Frame for door size 813 x 2032mm high with two 100mm steel butts - hinge pins to be welded	No	39	
12	Frame for door size 900 x 2032mm high with two 100mm steel butts - hinge pins to be welded	No	1	
	<u>1,2mm Double rebated pressed steel door frames suitable for one brick walls:</u>			
13	Frame for door size 813 x 2032mm high with two 100mm steel butts - hinge pins to be welded	No	55	
14	Frame for double door size 1511 x 2032mm high with two 100mm steel butts - hinge pins to be welded to both sides	No	11	
	<u>STRONGROOM, RECORD ROOM DOORS, VENTILATORS, ETC</u>			
	<u>"Mutual" Steel strong room / record room door and frame fixed to brickwork</u>			
15	Strong Room door and frame suitable for 320mm wide wall, size 877 x 2032mm high overall with and including seven lever security keylock, hinges, etc	No	1	
	<u>ALUMINIUM WINDOWS, DOORS, ETC</u>			
	Carried Forward			R
	Section No. 3: New Building Works Bill No. 11 Metalwork			

	Brought Forward			R
<u>ALUMINIUM WINDOWS</u>				
<u>Powder coated window units system, complete with subframes, ironmongery, glass, sealing, etc and fixing to brickwork or concrete</u>				
16	Purpose made window (W01), 1020 x 900mm high	No	102	
17	Purpose made window (W02), 1020 x 1245mm high	No	134	
18	Purpose made window (W03), 1020 x 650mm high	No	15	
19	Purpose made window (W04/W05), 500 x 650mm high	No	49	
20	Purpose made window (W06), size 1440 x 1100mm high.	No	1	
21	Purpose made window (W010), 1500 x 1500mm high	No	28	
22	Purpose Made window (W15), size 1020 x 400mm high.	No	12	
<u>ALUMINIUM DOORS</u>				
<u>Powder coated aluminium doors manufactured from approved aluminium profiles to Architect's approval; Intruder proof glazing SABS approved double glazed panels in clear or obscure glass, sealed with silicone and internally to take plaster reveal, plugged to brickwork or concrete. All frames are to come complete with Ironmongery as per Architect's specifications.</u>				
23	Aluminium double door (D01), 1500 x 2100mm high overall, with fixed side panels both sides	No	2	
<u>ALUMINIUM FRAMED AND UNFRAMED SHOWER CUBICLE PANELS AND DOORS ETC</u>				
<u>Powder coated aluminium framed shower cubicle panels and doors with frames, sliding gear, pivot hinges, cleats, stops, etc and 6.38mm toughened clear safety glass, plugged to tiled walls and sealed with silicone sealant</u>				
24	Swing door 900 x 2000mm high	No	16	
Carried Forward				R
Section No. 3: New Building Works				
Bill No. 11				
Metalwork				

Brought Forward			R
<u>ALUMINIUM LOUVRE UNITS</u>			
<u>NATURAL ANODISED HORIZONTAL ALUMINIUM LOUVRE UNITS</u>			
<u>Fixed louvre units screwed into timber doors</u>			
25	Standard louvre, 400 x 300mm high	No	13
<u>ROLLER SHUTTERS, ETC</u>			
<u>Aluminium roller-shutter door fixed to brickwork or concrete</u>			
26	Roll-Up Serranda Series 1500 or similar approved powder coated push-up 75 x 0,8mm thick endlocked slatted curtain roller shutter for opening 3200 x 2125mm high, standard bottom rail, 75mm wide guides, extruded aluminium T-bar with rubber seal, powder coated ancillary components including 4,5mm thick end plates, guide rails, slide bolt, fixed to brick jambs and concrete lintel (D31)	No	1
27	Roll-Up Serranda Series 1500 or similar approved powder coated push-up 75 x 0,8mm thick endlocked slatted curtain roller shutter for opening 2400 x 1265mm high, standard bottom rail, 75mm wide guides, extruded aluminium T-bar with rubber seal, powder coated ancillary components including 4,5mm thick end plates, guide rails, slide bolt, fixed to brick jambs and concrete lintel (D33)	No	1
Carried Forward to Summary of Section No. 3			R
Section No. 3: New Building Works			
Bill No. 11			
Metalwork			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

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**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

	Brought Forward		R	
<u>Cement plaster on brickwork</u>				
8	On walls (LI)	m2	138	
9	On narrow widths (LI)	m2	1	
Carried Forward to Summary of Section No. 3			R	
Section No. 3: New Building Works Bill No. 12 Plastering				

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BILL NO. 13</u>			
	<u>TILING</u>			
	NOTE: 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.			
	<u>WALL TILING</u>			
	<u>Gloss ceramic tiles (allow a PC: R200/m2) fixed with adhesive to plaster (plaster elsewhere):</u>			
1	On walls (LI)	m2	1 656	
2	On walls in isolated panels, splashbacks, etc (LI)	m2	19	
	<u>FLOOR TILING</u>			
	<u>Porcelain non slip tiles (allow a PC: R240/m2) bedded and jointed on screeds (measured separately) with adhesive in strict accordance with manufacturer's recommendations.</u>			
3	On floors (LI)	m2	631	
4	Cut tile skirting 100mm high (LI)	m	487	
	<u>TOILET PAPER HOLDERS ETC</u>			
	<u>White glazed ceramic</u>			
5	150 x 150mm recessed soap dish	No	16	
	<u>CORNER PROTECTORS, DIVIDING STRIPS, ETC</u>			
6	5 x 40mm Flat section brass dividing strips between different floor finishes (LI)	m	46	
	Carried Forward to Summary of Section No. 3			
	Section No. 3: New Building Works			
	Bill No. 13			
	Tiling			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BILL NO. 14</u>			
	<u>PLUMBING AND DRAINAGE (PROVISIONAL)</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>uPVC pipes and fittings:</u>			
	Soil, waste and vent pipes and fittings shall be solvent weld jointed			
	<u>uPVC pressure pipes and fittings:</u>			
	Pipes for water supply shall be of the class stated			
	Pipes of 40mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings			
	Pipes of 50mm diameter and greater shall have sockets and spigots with push in type integral rubber ring joints. Bends shall be uPVC and all other fittings shall be cast iron, all with similar push-in type joints			
	<u>Copper pipes:</u>			
	Pipes shall be hard drawn and half-hard pipes of the class stated. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard), class 2 (half-hard) and class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti-syphon pipes, capillary solder fittings and compression fittings shall be "Cobra Watertech" or similar and approved type. Capillary solder fittings shall comply with ISO 2016. Only compression fittings shall be used in walls or in ground			
	<u>Fixing of pipes</u>			
	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			
	Carried Forward		R	
	Section No. 3: New Building Works Bill No. 14 Plumbing and Drainage			

Brought Forward	R
<u>Reducing fittings</u> Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60mm only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm all sizes are given and no claim for extra bushes, reducers, etc will be entertained <u>Excavations</u> No claim for rock excavation will be entertained unless the contractor has timeously notified the quantity surveyor thereof prior to backfilling "Soft rock" and "hard rock" shall be as defined in "Earthworks" <u>Laying, backfilling, bedding, etc. of pipes</u> Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with manufacturers' instructions Where no manufacturers' instructions exist pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following: SABS 1200 L : Medium-pressure pipelines LD : Sewers LE : Stormwater drainage Pipe trenches etc shall be backfilled in accordance with clauses 3, 5.5, 5.6, 5.7 and 7 of SABS 1200 DB : Earthworks (Pipe trenches) Pipes shall be bedded in accordance with clauses 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SABS 1200 LB : Bedding (Pipes). Unless otherwise described bedding of rigid pipes shall be class B bedding <u>Flush pans</u> Flush pans shall have straight or side outlets and "P" or "S" traps as necessary	
Carried Forward	R
Section No. 3: New Building Works Bill No. 14 Plumbing and Drainage	

Brought Forward <u>Stainless steelbasins, sinks, wash troughs, urinals, etc.</u> Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable <u>Waste unions</u> Descriptions of waste unions shall be deemed to include rubber or vulcanite plugs and chains fixed to fittings <u>"Densyl" petrolatum anti-corrosion tape as manufactured by Denso SA (Pty) Ltd.</u> Pipes to be taped shall be coated with the appropriate primer and the tape shall be applied with minimum 15mm lap per spiral unless otherwise described Couplings and fittings to pipes shall be taped in strict accordance with the manufacturer's instructions including all mastic, tape, "Layflat" sheeting, securing of same, etc	R
Carried Forward Section No. 3: New Building Works Bill No. 14 Plumbing and Drainage	R

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Brought Forward			R
<u>RAINWATER DISPOSAL</u>			
<u>0,6mm Galvanized sheet iron Class Z 275</u>			
1	100 x 125mm Rectangular section eaves gutter with 20mm wide overlapping joints sealed with and including "Compriband" or other approved sealing strip and rivetted at 20mm centres.	m	666
2	Extra over 100 x 125mm eaves gutter for stopped end.	No	58
3	Extra over 100 x 125mm eaves gutter for internal angle.	No	125
4	Extra over 100 x 125mm eaves gutter for external angle	No	120
5	Extra over 100 x 125mm eaves gutter for outlet for 100 x 76mm downpipe including galvanized wire balloon grating.	No	102
6	100mm x 76mm Rainwater pipe with brackets fixed to brick wall or concrete.	m	324
7	Extra over 100 x 76mm rainwater pipe for shoe.	No	102
8	Extra over 100 x 76mm rainwater pipe for eaves or plinth offset 500mm projection.	No	102
<u>Roof outlets</u>			
9	80 x 180 Degree "Saint Gobain", or equal approved, full flow centre bolt outlet threaded with ductile iron dome grate	No	48
<u>SANITARY FITTINGS</u>			
<u>Stainless steel</u>			
<u>"Franke" or similar and approved</u>			
10	Franke 900 x 500mm "quinline" (model: QLX 611) stainless steel single end bowl insert sink (code: 101.0039.859) grade 304(18/10) fitted onto worktop	No	4
Carried Forward			R
Section No. 3: New Building Works Bill No. 14 Plumbing and Drainage			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

	Brought Forward			R
11	Franke Grade 304 18/10 stainless steel QLXS621-120 standard double drop-in sink (code: 820008), size 1200 x 435mm wide with 395 x 330 x 170mm deep bowl, 38mm waste outlet and folded edges, fitted into worktop of cupboard (elsewhere specified) with fixing clips No 2 <u>"Vaal" or similar and approved</u>			
12	Vaal Sanitaryware vitreous china 510mm x 400mm "DAISY" basin (code:7008) with integrated overflow (code: 7031) with two semi-punched tapholes, & chainstay hole. Colour: white, .bolted to the wall using two 10 mm bolts (code: 8448Z0) No 37			
13	"Vaal" sanitaryware ceramic fireclay 435 x 335 x 180mm rectangular laboratory sink without overflow, with a centre end waste outlet (Product code 435 - 234500), including acid resistant waste (code 8790Z0), 32mm chrome plated waste (code 8794Z0). Fixed underneath work tops using two adjustable underslung brackets (8109Z0) No 13			
14	Vaal Sanitaryware vitreous china "Orchid" close coupled 90 deg. outlet wall hung open rim pan (code 438600) and matching 6 litre push button top dual flush back inlet cistern (code 4386DT) complete with lid, fitments with a floor bracket (code: 8082Z0) and "orchid" wooden seat (code 8520Z0). No 28			
15	Vaal Sanitaryware vitreous china "orchid" back inlet 90 deg. Wall hung open rim paraplegic pan (code: 439016) colour: white, with a floor bracket (code: 8082Z0) and "orchid" wooden seat (code 8520Z0) No 1			
Carried Forward				R
Section No. 3: New Building Works Bill No. 14 Plumbing and Drainage				

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Brought Forward			R
16	Vaal Sanitaryware vitreous china wall hung "Lavatera" urinal with top inlet (code 705426). Overall size 600 x 385 x 380 mm. Top inlet fittings (code 7054Z1) include a 38 mm c.p. domical grating, a spreader (with a 20 mm diameter thread), and two hanger brackets.	No	14
<u>WASTE UNIONS, ETC.</u>			
<u>"Cobra Watertech"</u>			
17	32mm Sink waste union.	No	8
18	32mm Basin waste union.	No	50
19	40mm Urinal waste union.	No	14
<u>TRAPS, ETC.:</u>			
<u>Butyl rubber:</u>			
20	40mm Double flexitrap.	No	2
21	Shower grating and trap	No	16
<u>"Cobra Watertech":</u>			
22	"VA 2.360" sink "P" trap.	No	4
23	32 x 50mm CP bottle trap	No	50
24	40 x 50mm CP bottle trap	No	14
<u>TAPS, VALVES, ETC,</u>			
<u>Brass</u>			
25	25mm Stopcock	No	6
<u>"Cobra Watertech"</u>			
26	Cobra 832/350F Angle Stop Valve and Flexi Connector	No	129
27	Cobra "Stella: 3314ST-15" square type pillar tap with hot or cold indices. ½" BSP male inlet SANS 226 TYPE 2	No	72
Carried Forward			R
Section No. 3: New Building Works Bill No. 14 Plumbing and Drainage			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Brought Forward			R
28	"Cobra" 508CD medical elbow action, progressive control wall type mixer with underarm swivel outlet. ½" BSP male connection inlets.	No	1
29	Cobra 266/041/10Ca "Carina" wall type sink mixer with an aerated swivel outlet	No	6
30	'Cobra 115/046' chromium plated 'swan neck' laboratory tap type	No	13
31	"Cobra" shower mixer	No	16
32	"Cobra" chromium plated 15mm shower head	No	16
33	"Cobra" chromium plated 15mm overhead shower arm	No	16
34	"FJ 6.000 CP Flushmaster Junior" urinal flushing valve.	No	14
35	15mm "FJT 5.5" CP urinal tail pipe.	No	14
<u>BUILDER'S WORK, INCLUDING ALL MAKING GOOD</u>			
36	Fair cutting and fittings face bricks around pipe not exceeding 100mm diameter.	No	35
Carried Forward to Summary of Section No. 3			R
Section No. 3: New Building Works			
Bill No. 14			
Plumbing and Drainage			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

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**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Item No	Quantity	Rate	Amount
<u>SECTION NO. 3</u> <u>BILL NO. 16</u> <u>PAINTWORK</u> For Preambles see "Model Preambles for Trades" <u>SUPPLEMENTARY PREAMBLES</u> <u>PREPARATORY WORK TO EXISTING WORK</u> <u>Previously painted plastered surfaces</u> Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth <u>Previously painted metal surfaces</u> Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal <u>Previously painted wood surfaces</u> Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth <u>PAINT SPECIFICATIONS</u> All painting shall be done in accordance with manufacturer's specifications unless otherwise described			
Carried Forward			R
Section No. 3: New Building Works Bill No. 16 Paintwork			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Brought Forward			R
<u>COLOURS</u>			
Unless otherwise described paintwork on ceilings shall be deemed to be in the "White" colour group and paintwork on all other components shall be deemed to be in the "Pastel" colour group in accordance with the Natural Colour System (NCS) adopted by the SA National Standards			
<u>PAINTWORK ETC TO NEW WORK</u>			
<u>ON FLOATED PLASTER</u>			
<u>One coat alkali resistant primer and two coats PVA emulsion paint for interior use</u>			
1	On internal walls (LI)	m2	4 545
2	On external walls (LI)	m2	139
<u>ON FIBRE CEMENT</u>			
<u>One coat alkali resistant primer and two coats superior quality acrylic emulsion paint for interior and exterior use</u>			
3	On ceilings and cornices (LI)	m2	2 726
4	On fascias and barge boards (LI)	m2	442
<u>ON METAL</u>			
<u>One coat self etching primer, one coat alkyd based universal undercoat and two coats superior quality universal enamel paint, on galvanised steel</u>			
5	On door frames (LI)	m2	260
6	On eaves gutters (LI)	m2	253
7	On rails, bars, pipes, etc exceeding 300mm girth (LI)	m2	122
8	On gates, grilles, burglar screens, balustrades, etc (both sides measured over the full flat area) (LI)	m2	602
Carried Forward			R
Section No. 3: New Building Works Bill No. 16 Paintwork			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

	Brought Forward			R
	<u>ON WOOD</u>			
	<u>Three coats superior quality clear gloss varnish</u>			
9	On doors (LI)	m2	110	
10	On skirtings, rails, etc not exceeding 300 mm girth (LI)	m	1 342	
	<u>Spot priming bare wood surfaces, one coat alkyd based universal undercoat and two coats superior quality universal enamel paint</u>			
11	On doors (LI)	m2	289	
Carried Forward to Summary of Section No. 3				R
Section No. 3: New Building Works				
Bill No. 16				
Paintwork				

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

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Section No. 4: External Works

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Item No	Quantity	Rate	Amount
<u>SECTION NO. 4</u> <u>BILL NO. 1</u> <u>DEMOLITIONS</u> <u>View site</u> Before submitting his tender the tenderer shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials contained in the buildings or portions of the buildings to be demolished. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained <u>Explosives</u> No explosives whatsoever may be used for demolition purposes unless otherwise stated <u>General</u> Water supply pipes and other piping in ground that may be encountered and found necessary to disconnect or cut, shall be effectually stopped off or grubbed up and removed, and any new connections that may be necessary shall be made with proper fittings to the satisfaction of the principal agent Unless otherwise described all materials are to become the property of the contractor and are to be removed from the site <u>The Contractor shall allow within his rates for demolition items for the removal of all debris and rubble to the dumping site to be located by the contractor. All tenderers are required to visit the site and acquaint themselves as to the exact nature and extent of the works described here after. No claim due to the lack of knowledge on the part of the Contractor will be entertained.</u> <u>REMOVAL OF EXISTING WORK</u>			
Carried Forward		R	
Section No. 4: External Works Bill No. 1 Demolitions			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Brought Forward			R
<u>Breaking up and removing</u>			
1	Break up and remove concrete floor slabs	m3	108
<u>Taking down and removing</u>			
2	Wire mesh fence 2,1m high (LI)	m	600
<u>Demolishing and removing</u>			
3	Single storey building with pitched roof, 16 x 11m on plan and 4m high at eaves, comprising reinforced concrete surface bed, brickwork external walls and internal walls and timber roof construction and steel roof coverings (LI)	No	1
4	Removal of water/sewer pipes (Decanting)	m	160
Carried Forward to Summary of Section No. 4			R
Section No. 4: External Works			
Bill No. 1			
Demolitions			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 4</u>			
	<u>BILL NO. 2</u>			
	<u>BULK EXCAVATIONS AND GENERAL SITE WORKS, ETC (PROVISIONAL)</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Nature of ground</u>			
	A soils investigation has been carried out on site by the engineer and the report is annexed to these bills of quantities. Descriptions of excavations shall be deemed to include all ground conditions classifiable as "earth" described in the above report and where conditions of a more difficult character are indicated these are separately measured			
	<u>Carting away of excavated material</u>			
	Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site			
	<u>SITE CLEARANCE ETC</u>			
	<u>Site clearance</u>			
1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m2	13 489	
2	Stripping 150mm layer of top soil and cart off site	m2	7 637	
	<u>REMOVAL OF TREES ETC</u>			
	<u>Taking out and removing, grubbing up roots and filling in holes</u>			
3	Tree stump not exceeding 1m high, exceeding 200mm and not exceeding 500mm girth	No	2	
	Carried Forward			
	Section No. 4: External Works			
	Bill No. 2			
	Bulk Excavations and General Site Works (Provisional)			
			R	

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

	Brought Forward			R
4	Tree stump exceeding 1m high, exceeding 200mm and not exceeding 500mm girth	No	3	
	<u>BULK EXCAVATION, FILLING, ETC</u>			
	<u>Open face excavation in earth over sloping site</u>			
5	Open face excavation (including widening and depth to be approved by the engineer) to form a platform	m3	978	
	<u>Extra over bulk excavation in earth for excavation in</u>			
6	Soft rock	m3	83	
7	Hard rock	m3	41	
	<u>Extra over all excavations for carting away</u>			
8	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	978	
	<u>Risk of collapse of excavations</u>			
9	Sides of bulk excavations exceeding 1,5m deep	m2	413	
	<u>Keeping excavations free of water</u>			
10	Keeping excavations free of all water other than subterranean water		Item	
	<u>G6 Earth filling material supplied by the contractor compacted to 95% Mod AASHTO density</u>			
11	Backfilling over sites to form platform compacted in layers of 150mm thick compacted to a minimum of 98% Mod AASHTO density.	m3	978	
	<u>Compaction of surfaces</u>			
12	Compaction of ground surface under platforms, etc by wetting and compacting	m2	552	
	Carried Forward			R
	Section No. 4: External Works			
	Bill No. 2			
	Bulk Excavations and General Site Works (Provisional)			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

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**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 4</u>			
	<u>BILL NO. 3</u>			
	<u>STORMWATER DRAINAGE, SOIL DRAINAGE AND WATER SUPPLY (PROVISIONAL)</u>			
	NOTE : All excavations are measured as being in "earth" and/or filling compacted to 98% modified AASHTO density -----			
	<u>SURFACE WATER DRAINAGE (PROVISIONAL)</u>			
	<u>REINFORCED CONCRETE</u>			
	<u>20MPa/19mm concrete</u>			
1	Aprons	m3	114	
	<u>25MPa/19mm concrete</u>			
2	V-shaped channel 1000mm wide x 100mm thick with rounded salient edges and finished on exposed surfaces with 2:1 cement mortar, laid to falls in panels not exceeding 1,5m long with SABS approved rubber waterstop(150mm wide) movement joints with exposed edges raked out for a depth of 10mm and filled with bituminous compound including 250 micron polyethylene sheeting and all necessary excavations, formwork and mesh reinforcement ref 395	m	1 770	
3	Extra for fair open end	No	24	
4	Extra for fair stopped end	No	22	
	<u>Fabric reinforcement</u>			
5	Type Ref 193 fabric reinforcement in concrete surface beds, slabs, etc	m2	1 142	
	<u>One layer of 250 micron waterproof sheeting sealed at laps with approved tape</u>			
6	Under surface beds (LI)	m2	1 142	
	Carried Forward		R	
	Section No. 4: External Works			
	Bill No. 3			
	Stormwater Drainage, Soil Drainage and Water Supply			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Brought Forward			R
<u>STORMWATER DRAINAGE (PROVISIONAL)</u>			
<u>Excavation in compacted earth filling material not exceeding 2m deep</u>			
7	Trenches	m3	125
<u>Extra over bulk excavation in earth for excavation in</u>			
8	Soft rock	m3	13
9	Hard rock	m3	6
<u>Extra over all excavations for carting away</u>			
10	Extra over all excavations for carting away surplus material from excavations and/or stockpile on site to a dumping site to be located by the Contractor	m3	8
<u>Selected earth filling obtained from the excavations and/or prescribed stock piles on site, compacted to 95% Mod AASHTO density</u>			
11	Backfilling with selected fill material from excavations to pipe trenches compacted to 95% Mod AASHTO density	m3	55
<u>Imported backfilling material G9 supplied by the contractor including compaction to 90% Mod AASHTO.</u>			
12	Backfilling material	m3	63
<u>Supply, handle and lay spigot and socket concrete pipes (inclusive of rubber ring seal) for the following diameters:</u>			
13	450mm Pipes laid in trenches (trenches elsewhere)	m	50
Carried Forward			R
Section No. 4: External Works Bill No. 3 Stormwater Drainage, Soil Drainage and Water Supply			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

	Brought Forward			R
	<u>Sumps, catchpits, inspection chambers, etc including concrete kerbs or precast concrete cover slabs including gratings and covers</u>			
14	1200 x 1400mm Brick and precast shaft junction box exceeding 1000mm and not exceeding 2000mm deep internally, including 600mm diameter double seal manhole cover and frame (As per drawing number: 889-S1-C-007; Revision: 01)	No	6	
15	1060 x 1060mm Brick catchpit exceeding 1000mm and not exceeding 2000mm deep internally, including 600 x 600mm heavy duty stormwater grating and frame (As per drawing number: 889-S1-C-0010; Revision: 01)	No	7	
16	Lifting-key for manhole cover (handed to employer)	No	1	
	<u>STORMWATER HARVESTING</u>			
	<u>Stormwater harvesting into storage tanks</u>			
17	5000L Plastic tank including plinth	No	2	
	<u>SOIL DRAINAGE</u>			
	<u>Excavation in compacted earth filling material not exceeding 2m deep</u>			
18	Trenches	m3	1 348	
	<u>Extra over bulk excavation in earth for excavation in</u>			
19	Soft rock	m3	132	
20	Hard rock	m3	66	
	<u>Extra over all excavations for carting away</u>			
21	Extra over all excavations for carting away surplus material from excavations and/or stockpile on site to a dumping site to be located by the Contractor	m3	809	
	Carried Forward			R
	Section No. 4: External Works			
	Bill No. 3			
	Stormwater Drainage, Soil Drainage and Water Supply			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Brought Forward			R
<u>Selected earth filling obtained from the excavations and/or prescribed stock piles on site, compacted to 95% Mod AASHTO density</u>			
22	Backfilling with selected fill material from excavations to pipe trenches compacted to 95% Mod AASHTO density	m3	809
<u>Imported backfilling material G5 supplied by the contractor including compaction to 90% Mod AASHTO.</u>			
23	Backfilling with imported fill G5 granular material to pipe trenches compacted to 95% Mod AASHTO density	m3	809
<u>Normal duty (Class 34) PVC-U sewer and drain pipes</u>			
24	110mm Pipes laid in trenches (trenches elsewhere)	m	409
25	160mm Pipes laid in trenches (trenches elsewhere)	m	325
<u>Extra over normal duty (Class 34) PVC-U sewer and drain pipes for fittings</u>			
26	110mm Bend	No	14
27	110mm Junction	No	9
28	110mm Reducing junction	No	7
29	110mm Access bend	No	11
30	110mm Access junction	No	6
31	110mm Rodding eye	No	8
32	110mm Overflow gulley head	No	5
33	160mm Bend	No	12
34	160mm Access Junction	No	8
35	160 x 110mm Reducer	No	2
Carried Forward			R
Section No. 4: External Works Bill No. 3 Stormwater Drainage, Soil Drainage and Water Supply			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

	Brought Forward			R
	<u>uPVC gulleys</u>			
36	110mm Dished gulley exceeding 500mm and not exceeding 750mm deep	No	1	
	<u>Excavate in earth for and including circular type precast concrete manhole formed of 1,4m diameter x 100mm thick 20MPa/19mm mass concrete bottom with manhole shaft formed of 1,05m diameter (internal) precast concrete rings with joints sealed with bitumious putty with and including precast concrete cover slab 125mm thick and precast concrete spacer slab with opening for and including heavy duty road type manhole cover and frame as type 4 set in cement mortar and sealed in tallow and with fine mass concrete benching in bottom floated smooth with falls to and including 110mm Pvc channels and finished on all exposed surfaces with 25mm thick granolithic with angles rounded including all necessary step irons, etc.</u>			
37	1100mm Diameter inspection chamber exceeding 1000mm and not exceeding 2000mm deep internally and including 150mm precast concrete reducer slab (As per drawing number: 899-S1-004: Revision: 1)	No	10	
38	1100mm Diameter inspection chamber exceeding 2000mm and not exceeding 3000mm deep internally and including 150mm precast concrete reducer slab (As per drawing number: 899-S1-004: Revision: 1)	No	7	
	<u>SUNDRIES</u>			
39	15MPa/19mm mass concrete in precast I.E. marker block set flush with the ground or paving	No	180	
40	Hole through side of precast concrete manhole for pipe exceeding 100mm and not exceeding 200mm diameter and make good	No	34	
41	Removal of temporary soil drainage pipes for decanting and making good the ground surfaces, including excavations, carting away and backfilling, etc	m	20	
42	Demolishing and removing precast manholes and making good the ground surfaces, including excavations, carting away and backfilling, etc	No	7	
	Carried Forward			R
	Section No. 4: External Works			
	Bill No. 3			
	Stormwater Drainage, Soil Drainage and Water Supply			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Brought Forward			R
<u>WATER SUPPLIES</u>			
<u>Excavation in compacted earth filling material not exceeding 2m deep</u>			
43	Trenches	m3	645
<u>Extra over bulk excavation in earth for excavation in</u>			
44	Soft rock	m3	65
45	Hard rock	m3	32
<u>Extra over all excavations for carting away</u>			
46	Extra over all excavations for carting away surplus material from excavations and/or stockpile on site to a dumping site to be located by the Contractor	m3	645
<u>Imported backfilling material G7 supplied by the contractor including compaction to 90% Mod AASHTO.</u>			
47	Backfilling to pipe trenches compacted to 95% Mod AASHTO density	m3	645
<u>uPVC class 12 pressure pipes and fittings</u>			
48	75mm Pipes laid in trenches (trenches elsewhere)	m	290
<u>Extra over polyethylene pipes for fittings</u>			
49	75mm Reducing coupling	No	24
50	75mm Elbow	No	16
51	75mm Tee	No	17
52	75m Reducing elbow	No	13
53	75mm Reducing tee	No	17
Carried Forward			R
Section No. 4: External Works Bill No. 3 Stormwater Drainage, Soil Drainage and Water Supply			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Brought Forward			R
<u>Taps, Valves, etc including joints to pipes and/or fittings</u>			
54	20mm Bibcock on a steel stand with hose union and removable handle	No	6
55	75mm brass fullway wheel valve	No	1
56	Pressure pump	No	1
<u>Sundries</u>			
57	Excavate in earth for and build stop cock box size 225 x 225 x 600mm deep internally with half brick sides in cement mortar with 225 x 225mm regulation pattern cast iron hinged box Type 11B set in and including 15MPa/19mm mass concrete surround size 75mm wide x 100mm deep all round	No	1
58	Excavate in earth not exceeding 1m deep for and build circular type precast concrete valve and meter chamber formed of 1,05m diameter (internal) precast concrete rings with and including precast concrete cover slab 125mm thick and precast concrete spacer slab with opening for and pavement type manhole cover and frame as type 4 set in cement mortar and sealed in tallow and with fine mass concrete filling in bottom floated smooth with falls and finished on all exposed surfaces with 25mm thick granolithic with angles rounded including all necessary step irons, etc	No	1
59	15MPa/19mm mass concrete in thrust blocks around fittings including necessary additional excavations, formwork, etc	m3	6
60	Drinking fountain including all excavations, concrete, water supply pipes and 15mm chromium plated Walcro 109 drinking fountain demand faucet tap	No	6
<u>WATER STORAGE TANK</u>			
Carried Forward			R
Section No. 4: External Works Bill No. 3 Stormwater Drainage, Soil Drainage and Water Supply			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

	Brought Forward		R	
	<u>Steel panel water storage tank</u>			
61	Supply and install 87kl pressed steel elevated water tank complete with all pipes, fittings, 3.5m high stand and reinforced concrete base (platform), etc. as per engineer's specification.	No	1	
	<u>TESTING</u>			
62	Supply all the necessary apparatus, water etc. for and test the soil drainage and water supply systems to the satisfaction of the Representative/Agent and the Local Authority, rectify all defective work free of charge and leave in perfect order		Item	
	<u>CONNECTION FEES</u>			
	<u>Municipal connection</u>			
63	Provide the sum of R50 000.00 (Fifty Thousand) for municipal connection		Item	50 000. 0
64	Profit		%	
	Carried Forward to Summary of Section No. 4		R	
	Section No. 4: External Works Bill No. 3 Stormwater Drainage, Soil Drainage and Water Supply			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 4</u>			
	<u>BILL NO. 4</u>			
	<u>ROADS, PARKING AND PAVING</u>			
	<u>EXCAVATIONS, FILLINGS, ETC</u>			
	<u>Excavation in earth not exceeding 2m deep</u>			
1	Over site to reduce levels for layerwork below paving and depositing excavated material in prescribed stock piles on site.	m3	803	
2	Rip and recompact in-situ material for a depth of 150mm to 95% Mod AASHTO density at optimum moisture content	m2	2 911	
	<u>Extra over all excavations for carting away</u>			
3	Surplus material from excavations to be carted away from site to a dumping site to be located by the contractor	m3	803	
	<u>Keeping excavations free of water</u>			
4	Keeping excavations free of all water other than subterranean water	Item		
	<u>Imported filling material supplied by the contractor</u>			
5	Selected layer of G5 material under roads, parking areas, walkways, etc compacted to 95% Mod AASHTO density	m3	803	
	<u>River sand filling supplied by the Contractor:</u>			
6	30mm Thick dry, clean, washed bedding sand layer evenly spread over filling (elsewhere), levelled, watered and rammed to receive block paving (elsewhere).	m2	2 911	
	<u>Soil insecticide</u>			
7	Under paving, roads, parking, etc	m2	2 911	
	Carried Forward			
	Section No. 4: External Works			
	Bill No. 4			
	Roads, Parking and Paving			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

	Brought Forward			R
	<u>One layer of 250 micron waterproof sheeting sealed at laps with approved tape</u>			
8	Under pavings	m2	2 911	
	<u>Prescribed density tests on filling</u>			
9	Tests to determine the degree of compaction, etc. of layerworks or filling	No	58	
	<u>80mm Thick concrete interlocking paving</u>			
10	Paving to roads, parking, etc to falls	m2	1 222	
	<u>60mm Thick concrete interlocking paving</u>			
11	Paving to assembly area, aprons, etc to falls	m2	1 689	
	<u>KERBS</u>			
	<u>Precast concrete finished smooth on exposed surfaces including bedding, jointing and pointing</u>			
12	Figure 3 barrier kerb 150 x 300mm high with 150 x 150 x 300mm unreinforced concrete haunching at back of each joint, with 1:4 cement mortar bed of size 400 x 40mm high, including excavation, backfilling, etc	m	870	
13	Flat kerb 100 x 250mm high with 150 x 150 x 300mm unreinforced concrete haunching at back of each joint, with 1:4 cement mortar bed of size 400 x 40mm high, including excavation, backfilling, etc	m	822	
	<u>Paintwork</u>			
	<u>Etching primer and two coats reflective road marking paint on concrete</u>			
14	100mm Wide lines	m	3 400	
15	Paraplegic parking road marking	No	2	
Carried Forward to Summary of Section No. 4				R
Section No. 4: External Works				
Bill No. 4				
Roads, Parking and Paving				

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 4</u>			
	<u>BILL NO. 5</u>			
	<u>WALKWAYS, ETC</u>			
	NOTE : All excavations are measured as being in "earth" and/or filling compacted to 98% modified AASHTO density -----			
	<u>EARTHWORKS</u>			
	<u>Excavation in compacted earth filling material not exceeding 2m deep</u>			
1	Trenches (LI)	m3	381	
	<u>Extra over bulk excavation in earth for excavation in</u>			
2	Soft rock (LI)	m3	38	
3	Hard rock	m3	25	
	<u>Extra over all excavations for carting away</u>			
4	Extra over all excavations for carting away surplus material from excavations and/or stockpile on site to a dumping site to be located by the Contractor (LI)	m3	315	
	<u>Risk of collapse of excavations</u>			
5	Risk of collapse of sides of excavations for trenches and holes from natural, elevated or reduced ground level to not exceeding 1,5m deep	m2	1 240	
	<u>Keeping excavations free of water</u>			
6	Allow for keeping all excavations entirely free from water and mud	Item		
	<u>G5 Earth filling material supplied by the contractor compacted to 98% Mod AASHTO density</u>			
7	Backfilling from the excavations to trenches and holes compacted to 90% modified AASHTO density (LI)	m3	224	
	Carried Forward			
	Section No. 4: External Works			
	Bill No. 5			
	Walkways, etc			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Brought Forward			R
8	Imported material supplied by the contractor under floors, steps, aprons, pavings, etc, compacted to 95% modified AASHTO density (LI)	m3	471
<u>Compaction of surfaces</u>			
9	Compaction of ground surface under, floors, trenches etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compact to 93% modified AASHTO density (LI)	m2	1 961
<u>Coarse river sand filling supplied by the contractor</u>			
10	30mm thick dry, clean, washed river sand layer evenly spread over filling (elsewhere), levelled, watered and rammed under solid floors (LI)	m2	1 961
<u>Prescribed density tests on filling</u>			
11	Tests to determine the degree of compaction, etc. of ground or filling	No	76
<u>Soil insecticide</u>			
12	Under floors etc including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m2	1 961
13	To bottoms and sides of trenches etc	m2	2 416
<u>UNREINFORCED CONCRETE</u>			
<u>15MPa/19mm concrete</u>			
14	Surface blinding under footings and bases	m3	5
<u>CONCRETE</u>			
<u>REINFORCED CONCRETE</u>			
<u>30MPa/19mm concrete</u>			
15	Strip footings	m3	187
Carried Forward			R
Section No. 4: External Works Bill No. 5 Walkways, etc			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Brought Forward			R
16	Surface beds	m3	124
17	Ramps	m3	22
<u>TEST BLOCKS</u>			
18	Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	No	7
<u>CONCRETE SUNDRIES</u>			
<u>Finishing top surfaces of concrete smooth with a wood float</u>			
19	Surface beds, slabs, etc	m2	1 403
<u>REINFORCEMENT (PROVISIONAL)</u>			
<u>Mild yield deformed type II steel reinforcement to concrete as described including all bending, hooked ends, binding wire and temporary supports</u>			
20	Steel bar reinforcement in various sizes	t	0.33
<u>High yield deformed type II steel reinforcement to concrete as described including all bending, hooked ends, binding wire and temporary supports</u>			
21	Steel bar reinforcement in various sizes	t	1.30
<u>Fabric reinforcement</u>			
22	Type Ref 395 fabric reinforcement in concrete surface beds, slabs, etc	m2	1 403
<u>MASONRY</u>			
<u>FOUNDATIONS (PROVISIONAL):</u>			
<u>Brickwork of NFX bricks (14 Mpa nominal compressive strength) in class I mortar</u>			
23	One brick walls (LI)	m2	1 028
Carried Forward			R
Section No. 4: External Works			
Bill No. 5			
Walkways, etc			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

		Brought Forward			R
		<u>Brickwork reinforcement</u>			
24	150mm Wide reinforcement built in horizontally (LI)	m	11 077		
		<u>External face brick (allow a PC: R6500/1000 bricks) pointed with recessed horizontal and vertical joints to match existing.</u>			
25	Extra over ordinary brickwork for facing and pointing in stretcher bond (LI)	m2	446		
		<u>Brick-on-edge header course copings, sills, etc. of face bricks (allow a PC: R6500/1000 bricks) pointed with recessed joints on all exposed faces to match existing.</u>			
26	Coping on top of one brick wall in cement mortar and pointing on top and one side (LI)	m	1 192		
		<u>STRUCTURAL STEELWORK</u>			
27	75 x 75 x 3mm Thick "n" shaped steel frame making up columns and rafter including 200 x 200 x 5mm base plates on each column bolted to concrete strip footings	t	11.68		
28	100 x 50 x 20 x 2mm Thick lipped channel purlins	t	9.83		
29	50 x 50 x 4mm Angle cross bracing	t	2.61		
30	70 x 50 x 6mm mild steel brackets welded to frame in factory.	No	1 531		
		<u>Bolts to columns, beams, etc</u>			
31	M20 holding down bolts embedded in top of concrete.	No	440		
		<u>PAINTWORK ETC TO NEW WORK</u>			
		<u>ON METAL</u>			
		<u>One coat self etching primer, one coat alkyd based universal undercoat and two coats superior quality universal enamel paint, on galvanised steel</u>			
32	On structural steel	m2	1 958		
		Carried Forward			R
	Section No. 4: External Works				
	Bill No. 5				
	Walkways, etc				

		Brought Forward			R
<u>PROFILED METAL SHEETING AND ACCESSORIES</u>					
<u>70mm Profile Ziptech 120 Chromadek roof sheeting, minimum of 0.58mm thick, colour "Volcanic Grey" or similar approved, fixed to timber roof trusses and timber purlins forming a 17 degree pitched roof. Roof sheeting shall be secured to the purlins using corrosion-resistant self drilling roofing screws (minimum 12 gauge x 65-75mm) with neoprene washers to ensure a watertight seal, fixed at each purlin in accordance with the manufacturer's specifications and SANS requirements. Provide all necessary matching Chromadek flashings, ridge caps, barge flashings, and closures, properly lapped and sealed to ensure a fully waterproof installation. All work shall comply with SANS 10400 and the manufacturer's installation guidelines. The final colour and product shall be approved by the Architect prior to installation.</u>					
33	Roof covering with pitch not exceeding 5 degrees, in transportable lengths not exceeding 20m fixed to timber/steel purlins.	m2	1 348		
Carried Forward to Summary of Section No. 4					R
Section No. 4: External Works Bill No. 5 Walkways, etc					

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 4</u>			
	<u>BILL NO. 6</u>			
	<u>SECURITY FENCING</u>			
	<u>SITE CLEARANCE ETC</u>			
1	Make provision for clearing site under fence for at least one metre on both sides, fill all holes and gaps thereunder with approved earth filling and ram	m	958	
	<u>FENCING</u>			
	<u>BASES</u>			
2	Base for post, size 300 x 300 x 600mm deep, including all excavations, 10MPa/19mm mass concrete base with chamfered top surface projecting 50mm above surrounding ground level including any necessary formwork, etc (LI)	No	290	
	<u>METALWORK</u>			
	<u>Security fence</u>			
3	Provide and install a complete steel perimeter fence system comprising high-strength welded wire mesh panels, 1 800 mm high above finished ground level and 3 000 mm in length, manufactured from 4.0 mm diameter steel wire with 100 mm vertical wire spacing and a minimum tensile strength of 624 MPa, fixed to 76 x 76 mm square mild steel posts set 1 800 mm above ground level and embedded 600 mm into mass concrete foundations (minimum 20 MPa strength); all panels shall be secured to posts using proprietary anti-tamper screw fixings to prevent unauthorised removal; all steel components shall be corrosion-protected and finished with a Plascoat (PVC) coating of minimum 60 microns thickness in black colour or similar approved, suitable for external environmental conditions; the fence shall include continuous razor-type sharp spikes along the top as a security enhancement to deter climbing; installation shall be carried out true to line and level, in accordance with good building practice and all relevant SANS standards and local authority requirements.	m	160	
	Carried Forward			
	Section No. 4: External Works			
	Bill No. 6			
	Security Fencing			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

	Brought Forward			R
4	Provide and install a complete steel perimeter fence system comprising high-strength welded wire mesh panels, 2 100 mm high above finished ground level and 3 000 mm in length, manufactured from 4.0 mm diameter steel wire with 100 mm vertical wire spacing and a minimum tensile strength of 624 MPa, fixed to 76 x 76 mm square mild steel posts set 2 700 mm and embedded 600 mm into mass concrete foundations (minimum 20 MPa strength); all panels shall be secured to posts using proprietary anti-tamper screw fixings to prevent unauthorised removal; all steel components shall be corrosion-protected and finished with a Plascoat (PVC) coating of minimum 60 microns thickness in black colour or similar approved, suitable for external environmental conditions; the fence shall include continuous razor-type sharp spikes along the top as a security enhancement to deter climbing; installation shall be carried out true to line and level, in accordance with good building practice and all relevant SANS standards and local authority requirements.	m	798	
5	2 400 x 60 x 80 x 2mm Post including flat bar complete	No	64	
6	2 700 x 60 x 80 x 2mm Post including flat bar complete	No	318	
	<u>Gates</u>			
7	1200 x 2100mm high Single swing pedestrian gate, Frame out of square tube 60 x 60 or 80 x 60 mm, square posts out of welded tube with cap, and fixation strips for the fixation of the fencing panels to the gate posts by means of special clamps, complete with hinges and lock system	No	3	
8	1200 x 1800mm high Single swing pedestrian gate, Frame out of square tube 60 x 60 or 80 x 60 mm, square posts out of welded tube with cap, and fixation strips for the fixation of the fencing panels to the gate posts by means of special clamps, complete with hinges and lock system	No	1	
	Carried Forward			R
	Section No. 4: External Works Bill No. 6 Security Fencing			

ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14

	Brought Forward			R
9	6000 x 2100mm high Sliding gate, Frame out of square tube 60 x 60 or 80 x 60 mm, square posts out of welded tube with cap, and fixation strips for the fixation of the fencing panels to the gate posts by means of special clamps, complete with hinges and lock system	No	2	
10	1200 x 1800mm high Single swing pedestrian gate, Frame out of square tube 60 x 60 or 80 x 60 mm, square posts out of welded tube with cap, and fixation strips for the fixation of the fencing panels to the gate posts by means of special clamps, complete with hinges and lock system	No	1	
<u>PAINTWORK</u>				
<u>ON METAL</u>				
<u>One coat self etching primer, one coat alkyd based universal undercoat and two coats superior quality universal enamel paint, on galvanised steel</u>				
11	On gates, grilles, burglar screens, balustrades, etc (both sides measured over the full flat area) (LI)	m2	35	
Carried Forward to Summary of Section No. 4				R
Section No. 4: External Works				
Bill No. 6				
Security Fencing				

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 4</u>			
	<u>BILL NO. 7</u>			
	<u>DECANTING (MOBILE CLASSROOMS AND ABLUTIONS)</u>			
	<u>MOBILE CLASSROOMS AND ABLUTIONS</u>			
	<u>Temporary decanting facilities</u>			
	<u>Note: The temporary facilities mobile classrooms, toilets etc are required for the contract duration</u>			
1	Purchase and install standard mobile classrooms, size 8140 x 7060mm including all necessary platforms, compaction, structural support, 2 x white marker boards in front of the classroom and 2 x pin boards at the back of the classroom, transportation and erection etc	No	14	
2	Mobile admin, size 12000 x 3000mm including all necessary platforms, compaction, structural support, pin board, transportation and erection, etc.	No	1	
3	Purchase and install standard mobile ablution facility, size 11 620 x 2 999mm including all necessary platforms, compaction, structural support, transportation and erection etc	No	2	
4	Purchase and install a standard mobile ablution facility, size 11 620 x 3 000mm to be divided into male and female staffs, including all necessary platforms, compaction, structural support, transportation and erection etc	No	1	
	<u>Relocation of mobile classrooms and ablutions</u>			
5	Refurbish and relocate mobile classrooms and ablutions to other schools within a radius of 50km as directed	No	18	
	Carried Forward to Summary of Section No. 4		R	
	Section No. 4: External Works			
	Bill No. 7			
	Decanting (Mobile Classrooms and Ablutions)			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Bill No		Page No	Amount
1	Demolitions	129	
2	Bulk Excavations and General Site Works (Provisional)	132	
3	Stormwater Drainage, Soil Drainage and Water Supply	140	
4	Roads, Parking and Paving	142	
5	Walkways, etc	147	
6	Security Fencing	150	
7	Decanting (Mobile Classrooms and Ablutions)	151	
Carried to Final Summary			R
Section No. 4: External Works			

Section No. 5: Provisional Sums

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Item No	Quantity	Rate	Amount
<u>SECTION NO. 5</u>			
<u>BILL NO. 1</u>			
<u>PROVISIONAL SUMS</u>			
<u>PREAMBLES</u>			
<u>The following Provisional Sums and Prime Cost Items are net</u>			
<u>The Contractor shall allow for profit and attendance after each Provisional Sum. Where no allowance has been made by the Contractor, it shall be assumed the allowance shall have been included elsewhere in the rates for other works.</u>			
<u>Provide the following Provisional Sums for work to be executed and completed by the contractor as instructed by the Project Manager</u>			
<u>JOINERY FITTINGS</u>			
1	Allow an amount for joinery fittings to be authorized by the Employer or deducted in part or whole if not required (R1 500 000.00) (One Million Five Hundred Thousand)	Item	1 500 000.00
2	Allow for profit	%	
3	Allow for attendance	%	
<u>CARPORTS</u>			
4	Allow an amount for carports to be authorized by the Employer or deducted in part or whole if not required (R350 000.00) (Three Hundred and Fifty Thousand)	Item	350 000.00
5	Allow for profit	%	
6	Allow for attendance	%	
Carried Forward			R
Section No. 5: Provisional Sums Bill No. 1 Provisional Sums			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Brought Forward			R
<u>SOCCER FIELD</u>			
7	Allow an amount for soccer field to be authorized by the Employer or deducted in part or whole if not required (R1 500 000.00) (One Million Five Hundred Thousand)	Item	1 500 000.00
8	Allow for profit	%	
9	Allow for attendance	%	
<u>COMBINED COURTS</u>			
10	Allow an amount for combined courts to be authorized by the Employer or deducted in part or whole if not required (R600 000.00) (Six Hundred Thousand)	Item	600 000.00
11	Allow for profit	%	
12	Allow for attendance	%	
<u>LANDSCAPING</u>			
13	Allow an amount for landscaping to be authorized by the Employer or deducted in part or whole if not required (R450 000.00) (Four Hundred and Fifty Thousand)	Item	450 000.00
14	Allow for profit	%	
15	Allow for attendance	%	
<u>BOREHOLE</u>			
16	Allow an amount for drilling and equipping borehole including tank stand and pump to be authorized by the Employer or deducted in part or whole if not required (R400 000.00) (Four Hundred Thousand)	Item	400 000.00
17	Allow for profit	%	
18	Allow for attendance	%	
Carried Forward			R
Section No. 5: Provisional Sums Bill No. 1 Provisional Sums			

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Brought Forward		R	
<u>FLAG POLES</u>			
19	Allow an amount for flag poles to be authorized by the Employer or deducted in part or whole if not required (R60 000.00) (Sixty Thousand)	Item	60 000. 0
20	Allow for profit	%	
21	Allow for attendance	%	
<u>COMMUNITY LIAISON OFFICER (CLO)</u>			
22	Allow an amount for the Community Liaison Officer (24 months x R10 500.00) to be authorized by the Employer or deducted in part or whole if not required (R252 000.00) (Two Hundred and Fifty Two Thousand)	Item	252 000. 0
23	Allow for profit	%	
24	Allow for attendance	%	
<u>PROJECT STEERING COMMITTEE (PSC)</u>			
25	Allow an amount for the Project Steering Committee (24 months x R4 000.00) to be authorized by the Employer or deducted in part or whole if not required (R96 000.00) (Ninety Six Thousand)	Item	96 000. 0
26	Allow for profit	%	
27	Allow for attendance	%	
Carried to Final Summary		R	
Section No. 5: Provisional Sums			
Bill No. 1			
Provisional Sums			

Section No. 6:
Electrical Installations

CN LEKALAKE SECONDARY SCHOOL SUMMARY: ELECTRICAL WORKS				
Section	Description	Quantity	Amount	Total
1	LV Reticulation	1	ZAR -	
2	Administration Block	1	ZAR -	
3	Computer Laboratory	1	ZAR -	
4	Home Economics	1	ZAR -	
5	School Hall	1	ZAR -	
6	Existing 4 CLR + Ablutions	4	ZAR -	
7	ScienceLab + Library	1	ZAR -	
8	New 4 CLR + Ablutions	4	ZAR -	
9	New HOD + Multipurpose CLR + Maths Lab + Ablutions	1	ZAR -	
10	Caretakers room + Store	1	ZAR -	
11	Tuckshop	1	ZAR -	
12	Changerooms	1	ZAR -	
13	Guard House	1	ZAR -	
14	Provide the Sum of R 600 000,00 for area lighting including tennis court and soccer field lighting	Sum	ZAR 600 000,00	ZAR 600 000,00
	SUB TOTAL			
	TOTAL BID PRICE CARRIED TO MAIN BoQ PAGE 156			

ITEM	DESCRIPTION	UNIT	QTY	RATE		TOTAL
	<u>Low Voltage Reticulation</u>					
1,1	Distribution Kiosk					
	Supply and installation of new main distribution kiosk compliance to SANS 10142, Clause 6.6.1.20.	No	1	R	-	R -
	Plinth	No	1	R	-	R -
	Trenching					
	Excavating, bedding, backfilling, consolidating and					
	Pickable soil	m ³	371	R	-	R -
	Hard rock	m ³	159	R	-	R -
	Backfilling and compaction	m ³	530	R	-	R -
	110mm diameter PVC sleeves for road crossings/cable entries into the building-rate must include for galvanised steel draw wires in spare sleeves and sealing of ends	m	60	R	-	R -
	50mm diameter PVC sleeves for road crossings/cable entries into the building-rate must include for galvanised steel draw wires in spare sleeves and sealing of ends	m	150	R	-	R -
1,4	Cable warning tape, 300mm above cables	m	1650	R	-	R -
1,5	Cable markers, above cables	No	35	R	-	R -
TOTAL FOR BILL - CARRIED FORWARD					R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
1,6	600/1000V PVC SWA cables,in trenches and sleeves, including labels. All LV cables to be supplied by Aberdare Cables or African Cables.						
1.6.1	6mm ² 4core.	m	170	R	-	R	-
1.6.1	10mm ² 2core.	m	1630	R	-	R	-
1,7	600/1000V Cable terminations,						
	for PVC PVC SWA PVC Cu cables, for indoor or outdoor use, as required						
1.7.1	Gland no 3 complete with shroud	No	4	R	-	R	-
1.7.1	Gland no 2 complete with shroud	No	3	R	-	R	-
1,8	Earth conductors (HDHC), including ends						
1.8.1	6mm ²	m	1630	R	-	R	-
1.8.1	4mm ²	m	170	R	-	R	-
1.9	Electrical Test						
1.9.1	Testing of this section in the presence of the Employer and/or the Engineer, including all equipment, power generator, etc.	No	1	R	-	R	-
1.10	Others						
1.10.1	Provide Sum of R 30,000.00 for supply and installation of borehole and fire pump cables.	Sum	1	R	30 000,00		30 000,00
TOTAL FOR BILL - CARRIED FORWARD TO SUMMARY						R	-

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE		AMOUNT	
2	<u>Administration Block</u>						
	MV Reticulation						
3,1	General trenching work for sleeves along the routes as pegged out on site after co-ordination with other services						
	Allowance must be made for the sifting of soil when required, removal and carting away of all stones and rocks including dumping off site. Backfilling and compaction shall be carried out as specified for overall siteworks.						
4,1							
5,1	Trenching through floor for sleeves	m ³					rate only
6,1							
	Excavation and backfilling in hard rock	m ³					rate only
7,1	<u>Cable and Data Sleeves</u>						
	Supply and installation of PVC Sleeves through floor construction to power distribution board and communication board complete with standard radius sleeve bends						
8,1							
9,1	50 mm Diameter for Power Cables	m	60	R	-	R	-
	110mm Diameter for power cable	m					rate only
	Radius bends:						
2.2.2	75mm Diameter	No					rate only
2.2.2	110mm Diameter	No					rate only
2,2	<u>Draw Wires</u>						
	Supply and install a 0,6mm diameter galvanised draw wire in sleeves and conduit for data installation	m	1100	R	-	R	-
2,2	<u>Distribution Boards</u>						
	Supply, delivery, storage and submission of workshop drawings for the Flush mounted architrave steel type power distribution boards complete with flush trays, doors, switch gear mounting trays, copper busbars, neutral and earth bars, correctly sized internal						
2.2.1	Supply and install a Distribution Board	No.	1	R	-	R	-
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD					R	-
2,5	Low Voltage PVC Cables Supply and installation of PVC SWA PVC cable and Bare Copper Earth Wire in sleeves and in trenches					
2.5.1	10mm 4 core PVC SWA Cable	m				rate only
2.5.2	4mm BCEW	m				rate only
	Terminations:					
2.5.2	16mm 2 core cable	No				rate only
2.5.2	10mm BCEW	No				rate only
2,6	Conduit Work Supply, delivery and installation of SABS approved PVC Conduits completed with all required conduit accessories. Built or Chase into brick or concrete work:					
2.6.1	20mm PVC conduit	m				rate only
2.6.2	25mm PVC conduit In Ceiling space and Timber work or along Purlins	m	650	R	-	R -
2.6.2	20mm PVC conduit	m	450	R	-	R -
2.6.2	25mm PVC conduit	m				rate only
	Supply and installation of SABS approved conduit boxes, installed in the run of the conduit installation, cast into concrete and built into brickwork or flush inside false ceiling spaces, complete with all required conduit termination accessories.					
2,7						
2.7.1	20mm diameter 4 way type(round box)	No	45	R	-	R -
2,7	Wall Boxes Supply and installation of SABS approved galvanised pressed steel wall boxes for building flush into brickwork or cast into concrete work. Flush mounted type:					
2.7.1	100 x 50 x 50mm	No	4	R	-	R -
2.7.2	100 x 100 x 50mm	No	12	R	-	R -
TOTAL FOR BILL - CARRIED FORWARD					R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
2,8	PVC Wiring in conduits:						
2.8.1	2.5mm² for lights circuits	m	2500	R	-	R	-
2.8.2	4mm² for plug sockets circuits	m	1500	R	-	R	-
	Stranded Bare Copper Earth Wire						
	Supply and installation of stranded bare copper earth wire along with PVC wiring in conduits. Tendered rates shall make provision for wastage.						
2.8.2	2.5mm²	m	2500	R	-	R	-
2.8.2	4mm²	m					rate only
2,9	Light Switches						
	Supply and installation of SABS approved type 16A flush and surface type light switches. Final paint finishes shall be confirmed at a later stage, allowance shall however be made as specified in the general specification.						
2.9.1	1 Lever 1 way	No	4	R	-	R	-
2.9.2	1 Lever 2 way	No	2	R	-	R	-
2.9.2	2 Lever 2 way	No					rate only
2.9.2	2 Lever 1 way	No					rate only
2.9.5	Photo cell	No	1	R	-	R	-
2.9.6	Motion Sensor	No	3	R	-	R	-
2,1	Socket Outlets						
	Supply and installation of SABS approved switched and unswitched type flush and surface mounted type 16A switched socket outlets suitable for mounting in flush steel wall boxes or in steel pedestal units or on surface.						
	The final colour of the paint finish shall be confirmed at a later stage, allowance shall be made as specified in the specification.						
	All flush type boxes and special pedestals measured elsewhere.						
	Flush switched sockets type:						
2.10.1	16A single socket outlets - ZA plug	No	18	R	-	R	-
2.10.2	Type F Socket outlet	No	1	R	-	R	-
2.10.2	Type D Socket outlet	No					rate only
2.10.2	Power Pole	No					rate only
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD					R	-
2,11	Light Fittings					
	Supply, delivery to site, storage and installation of the below specified light fittings complete with lamps, fixing material, mounting and tubes. Allowance must be made in the rates for all the required fixing materials and accessories.					
	Fittings to be equal and similar approved to the below quoted manufacture.					
2.11.1	Opal E-Battien 4FT 1140mm 45W - 4000K - IP20	No	29	R	-	R -
2.11.2	15W LED Round Bulkhead 4000K	No	15	R	-	R -
2.11.2	8 Inch 8W LED Downlight	No	8	R	-	R -
2,12	Electrical Tests					
	Making provision for the required inspection, tests and the commissioning of the complete installation and the issuing of the required certificate.					
2.12.1	Building installation	Sum	1	R	14 500,00	R 14 500,00
2,12	Others					
2.12.1	200 x 200mm - Telephone & Data DB	No	1	R	-	R -
2.12.2	100 x 100 x 50mm - Draw box for Communication complete with blank cover	No	4	R	-	R -
2.12.2	2 compartment power skirting complete with socket outlets and blabks for telephone and data points.	m	150	R	-	R -
2.12.4	Provide the Sum of R 42,500.00 for earthing and lightning protection	Sum	1	R	42 500,00	R 42 500,00
2.12.5	20A 2pole Isolator, in suitable York Box, for HVAC	No	17	R	-	R -
2.12.6	40A Isolator points with complete and suitable fitting, for stove	No	1	R	-	R -
2,12,7	Provide the sum of R 55 000,00 for the relocation of of existing server from old admin to the new admin	No	Sum	R	55 000,00	R 55 000,00
TOTAL FOR BILL PER BLOCK (2X FLOORS)- CARRIED FORWARD TO SUMMARY					R	-

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE		AMOUNT
3	<u>Computer Laboratory</u>					
4,1	General trenching work for sleeves along the routes as pegged out on site after co-ordination with other services					
5,1	Allowance must be made for the sifting of soil when required, removal and carting away of all stones and rocks including dumping off site. Backfilling and compaction shall be carried out as specified for overall siteworks.					
6,1	Trenching through floor for sleeves	m ³				rate only
7,1	Excavation and backfilling in soft soil	m ³				rate only
8,1	Cable and Data Sleeves					
9,1	Supply and installation of PVC Sleeves through floor construction to power distribution board and communication board complete with standard radius sleeve bends					
10,1	50 mm Diameter for Power Cables 110mm Diameter for power cable	m m	60	R	-	R - rate only
	Radius bends:					
3.2.3	75mm Diameter	No				rate only
3.2.3	110mm Diameter	No				rate only
3,3	Draw Wires					
3.3.1	Supply and install a 0,6mm diameter galvanised draw wire in sleeves and conduit for data installation	m	800	R	-	R -
3,3	Distribution Boards					
	Supply, delivery, storage and submission of workshop drawings for the Flush mounted architrave steel type power distribution boards complete with flush trays, doors, switch gear mounting trays, copper busbars, neutral and earth bars, correctly sized internal					
3.3.1	Supply and install a Distribution Board	No.	1	R	-	R -
TOTAL FOR BILL - CARRIED FORWARD						R -

TOTAL FOR BILL - BROUGHT FORWARD						R	-
3,3	Low Voltage PVC Cables Supply and installation of PVC SWA PVC cable and Bare Copper Earth Wire in sleeves and in trenches						
3.3.1	4mm 4 core PVC SWA Cable	m					rate only
3.3.2	2.5mm BCEW	m					rate only
	Terminations:						
3.3.3	10mm 2 core cable	No	2	R	-	R	-
3.3.3	6mm BCEW	No	1	R	-	R	-
3,3	Conduit Work Supply, delivery and installation of SABS approved PVC Conduits completed with all required conduit accessories. Built or Chase into brick or concrete work:						
3.3.1	20mm PVC conduit	m					rate only
3.3.2	25mm PVC conduit	m	350	R	-	R	-
	In Ceiling space and Timber work or along Purlins						
3.3.3	20mm PVC conduit	m	450	R	-	R	-
3.3.3	25mm PVC conduit	m					rate only
	Supply and installation of SABS approved conduit boxes, installed in the run of the conduit installation, cast into concrete and built into brickwork or flush inside false ceiling spaces, complete with all required conduit termination accessories.						
3.3.1	20mm diameter 4 way type(round box)	No	45	R	-	R	-
3,3	Wall Boxes Supply and installation of SABS approved galvanised pressed steel wall boxes for building flush into brickwork or cast into concrete work. Flush mounted type:						
3.3.1	100 x 50 x 50mm	No	4	R	-	R	-
3.3.2	100 x 100 x 50mm	No	12	R	-	R	-
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
3,8	PVC Wiring in conduits:						
3.8.1	2.5mm ² house wire for lights circuits	m	400	R	-	R	-
3.8.2	4mm ² house wire for lights socket outlets and isolators	m	450	R	-	R	-
	Stranded Bare Copper Earth Wire						
	Supply and installation of stranded bare copper earth wire along with PVC wiring in conduits. Tendered rates shall make provision for wastage.						
3.8.3	1.5mm ²	m	400	R	-	R	-
3.8.3	4mm ²	m					rate only
3,9	Light Switches						
	Supply and installation of SABS approved type 16A flush and surface type light switches. Final paint finishes shall be confirmed at a later stage, allowance shall however be made as specified in the general specification.						
3.9.1	1 Lever 1 way	No	4	R	-	R	-
3.9.2	1 Lever 2 way	No					rate only
3.9.3	3 Lever 2 way	No					rate only
3.9.3	360° occupancy sensor	No					rate only
3.9.3	Photo cell	No	1	R	-	R	-
3,1	Socket Outlets						
	Supply and installation of SABS approved switched and unswitched type flush and surface mounted type 16A switched socket outlets suitable for mounting in flush steel wall boxes or in steel pedestal units or on surface.						
	The final colour of the paint finish shall be confirmed at a later stage, allowance shall be made as specified in the specification.						
	All flush type boxes and special pedestals measured elsewhere.						
	Flush switched sockets type:						
3.10.1	16A single socket outlets - ZA plug	No	8	R	-	R	-
3.10.2	16A double socket outlets - ZA plug	No					Rate only
3.10.3	Type F Socket outlet	No	1	R	-	R	-
3.10.3	Power Pole	No					rate only
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD					R	-
3,11	Light Fittings					
	Supply, delivery to site, storage and installation of the below specified light fittings complete with lamps, fixing material, mounting and tubes. Allowance must be made in the rates for all the required fixing materials and accessories.					
	Fittings to be equal and similar approved to the below quoted manufacture.					
3.11.1	Type F1: 2x14W 600mm LED decorative fluorescent light	No				rate only
3.11.2	Type W1: 2x14W 600mm LED decorative vapour fluorescent light	No				rate only
3.11.3	Opal E-Battien 4FT 1140mm 45W - 4000K - IP20	No	15	R	-	R -
3.11.3	15W LED Round Bulkhead 4000K	No	8	R	-	R -
3.11.3	Suspended cosmos 100W IP65 1-10V dimmable high bay	No				rate only
3,12	Electrical Tests					
	Making provision for the required inspection, tests and the commissioning of the complete installation and the issuing of the required certificate.					
3.12.1	Building installation	Sum	1	R	6 000,00	R 6 000,00
3,13	Others					
3.13.1	300 x 300mm - Telephone & Data DB	No				Rate only
3.13.2	100 x 100 x 50mm - Draw box for Communication complete with blank cover	No				Rate only
3.13.3	2 compartment power skirting complete with socket outlets and blabks for telephone and data points.	m	50	R	-	R -
3.13.3	DATA and Telephone points on must include draw box, blank cover plate, etc,	No				Rate only
3.13.3	Provide the Sum of R 26,500.00 for earthing and lightning protection	Sum	1	R	26 500,00	R 26 500,00
3.13.3	Provide the sum of R 45 000,00 for the removal of electrical installations in the existing admin	No	1	R	-	R -
3.13.3	20A Isolator points with complete and suitable fitting, for HVAC	No	6	R	-	R -
TOTAL FOR BILL PER BLOCK (3X FLOORS)- CARRIED FORWARD TO SUMMARY					R	-

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE		AMOUNT	
4	<u>Home Economics</u>						
5,1	General trenching work for sleeves along the routes as pegged out on site after co-ordination with other services						
6,1	Allowance must be made for the sifting of soil when required, removal and carting away of all stones and rocks including dumping off site. Backfilling and compaction shall be carried out as specified for overall siteworks.						
7,1	Trenching through floor for sleeves	m ³					rate only
8,1	Excavation and backfilling in soft soil	m ³					rate only
9,1	Cable and Data Sleeves						
10,1	Supply and installation of PVC Sleeves through floor construction to power distribution board and communication board complete with standard radius sleeve bends						
11,1	50 mm Diameter for Power Cables 110mm Diameter for power cable	m m	60	R	-	R	- rate only
	Radius bends:						
4.2.4	75mm Diameter	No					rate only
4.2.4	110mm Diameter	No					rate only
4,4	Draw Wires						
4.4.1	Supply and install a 0,6mm diameter galvanised draw wire in sleeves and conduit for data installation	m	800	R	-	R	-
4,4	Distribution Boards						
	Supply, delivery, storage and submission of workshop drawings for the Flush mounted architrave steel type power distribution boards complete with flush trays, doors, switch gear mounting trays, copper busbars, neutral and earth bars, correctly sized internal						
4.4.1	Supply and install a Distribution Board	No.	1	R	-	R	-
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
4,4	Low Voltage PVC Cables Supply and installation of PVC SWA PVC cable and Bare Copper Earth Wire in sleeves and in trenches						
4.4.1	4mm 4 core PVC SWA Cable	m					rate only
4.4.2	2.5mm BCEW	m					rate only
	Terminations:						
4.4.4	10mm 2 core cable	No	2	R	-	R	-
4.4.4	6mm BCEW	No	1	R	-	R	-
4,4	Conduit Work Supply, delivery and installation of SABS approved PVC Conduits completed with all required conduit accessories. Built or Chase into brick or concrete work:						
4.4.1	20mm PVC conduit	m					rate only
4.4.2	25mm PVC conduit	m	350	R	-	R	-
	In Ceiling space and Timber work or along Purlins						
4.4.4	20mm PVC conduit	m	450	R	-	R	-
4.4.4	25mm PVC conduit	m					rate only
	Supply and installation of SABS approved conduit boxes, installed in the run of the conduit installation, cast into concrete and built into brickwork or flush inside false ceiling spaces, complete with all required conduit termination accessories.						
4.4.1	20mm diameter 4 way type(round box)	No	45	R	-	R	-
4,4	Wall Boxes Supply and installation of SABS approved galvanised pressed steel wall boxes for building flush into brickwork or cast into concrete work. Flush mounted type:						
4.4.1	100 x 50 x 50mm	No	4	R	-	R	-
4.4.2	100 x 100 x 50mm	No	12	R	-	R	-
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
4,8	PVC Wiring in conduits:						
4.8.1	2.5mm ² house wire for lights circuits	m	400	R	-	R	-
4.8.2	4mm ² house wire for lights socket outlets and isolators	m	450	R	-	R	-
	Stranded Bare Copper Earth Wire						
	Supply and installation of stranded bare copper earth wire along with PVC wiring in conduits. Tendered rates shall make provision for wastage.						
4.8.4	1.5mm ²	m	400	R	-	R	-
4.8.4	4mm ²	m					rate only
4,9	Light Switches						
	Supply and installation of SABS approved type 16A flush and surface type light switches. Final paint finishes shall be confirmed at a later stage, allowance shall however be made as specified in the general specification.						
4.9.1	1 Lever 1 way	No	4	R	-	R	-
4.9.2	1 Lever 2 way	No					rate only
4.9.4	3 Lever 2 way	No					rate only
4.9.4	360° occupancy sensor	No					rate only
4.9.4	Photo cell	No	1	R	-	R	-
4,1	Socket Outlets						
	Supply and installation of SABS approved switched and unswitched type flush and surface mounted type 16A switched socket outlets suitable for mounting in flush steel wall boxes or in steel pedestal units or on surface.						
	The final colour of the paint finish shall be confirmed at a later stage, allowance shall be made as specified in the specification.						
	All flush type boxes and special pedestals measured elsewhere.						
	Flush switched sockets type:						
4.10.1	16A single socket outlets - ZA plug	No	8	R	-	R	-
4.10.2	16A double socket outlets - ZA plug	No					Rate only
4.10.4	Type F Socket outlet	No					rate only
4.10.4	Power Pole	No					rate only
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD					R	-
4,11	Light Fittings					
	Supply, delivery to site, storage and installation of the below specified light fittings complete with lamps, fixing material, mounting and tubes. Allowance must be made in the rates for all the required fixing materials and accessories.					
	Fittings to be equal and similar approved to the below quoted manufacture.					
4.11.1	Type F1: 2x14W 600mm LED decorative fluorescent light	No				rate only
4.11.2	Type W1: 2x14W 600mm LED decorative vapour fluorescent light	No				rate only
4.11.4	Opal E-Battien 4FT 1140mm 45W - 4000K - IP20	No	8	R	-	R -
4.11.4	15W LED Round Bulkhead 4000K	No	12	R	-	R -
4.11.4	Suspended cosmos 100W IP65 1-10V dimmable high bay	No				rate only
4,12	Electrical Tests					
	Making provision for the required inspection, tests and the commissioning of the complete installation and the issuing of the required certificate.					
4.12.1	Building installation	Sum	1	R	6 000,00	R 6 000,00
4,14	Others					
4.14.1	300 x 300mm - Telephone & Data DB	No				Rate only
4.14.2	100 x 100 x 50mm - Draw box for Communication complete with blank cover	No				Rate only
4.14.4	2 compartment power skirting complete with socket outlets and blabks for telephone and data points.	m				rate only
4.14.4	DATA and Telephone points on must include draw box, blank cover plate, etc,	No				Rate only
4.14.4	Provide the Sum of R 26,500.00 for earthing and lightning protection	Sum	1	R	26 500,00	R 26 500,00
4.14.4	Provide the sum of R 55 000,00 for the removal of electrical installations in the existing cooking area	No	1	R	-	R -
4.14.4	20A TP Isolator points with complete and suitable fitting, for extraction fan	No	4	R	-	R -
TOTAL FOR BILL PER BLOCK (3X FLOORS)- CARRIED FORWARD TO SUMMARY					R	-

	DESCRIPTION	UNIT	QUANTITY	RATE		AMOUNT	
5	<u>School Hall</u>						
	MV Reticulation						
6,1	General trenching work for sleeves along the routes as pegged out on site after co-ordination with other services						
	Allowance must be made for the sifting of soil when required, removal and carting away of all stones and rocks including dumping off site. Backfilling and compaction shall be carried out as specified for overall siteworks.						
7,1							
8,1	Trenching through floor for sleeves	m ³		R	-		rate only
	Provide the provisional sum of ZAR 1,550,900.00 for the refurbishment of Block A,B,C,D,E and Administration block (This includes small power and lighting and earthing and lightning protection)						
9,1	Excavation and backfilling in hard rock	m ³					rate only
10,1	Cable and Data Sleeves						
	Supply and installation of PVC Sleeves through floor construction to power distribution board and communication board complete with standard radius sleeve bends						
11,1							
12,1	50 mm Diameter for Power Cables	m	60	R	-	R	-
	110mm Diameter for power cable	m					rate only
	Radius bends:						
5.2.5	75mm Diameter	No					rate only
5.2.5	110mm Diameter	No					rate only
5,5	Draw Wires						
5.5.1	Supply and install a 0,6mm diameter galvanised draw wire in sleeves and conduit for data installation	m	950	R	-	R	-
5,5	Distribution Boards						
	Supply, delivery, storage and submission of workshop drawings for the Flush mounted architrave steel type power distribution boards complete with flush trays,doors,switch gear mounting trays, copper busbars, neutral and earth bars, correctly sized internal						
5.5.1	Supply and install a Distribution Board	No.	1	R	-	R	-
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
5,5	Low Voltage PVC Cables Supply and installation of PVC SWA PVC cable and Bare Copper Earth Wire in sleeves and in trenches						
5.5.1	4mm 4 core PVC SWA Cable	m					rate only
5.5.2	2.5mm BCEW	m					rate only
	Terminations:						
5.5.5	10mm 2 core cable	No	4	R	-	R	-
5.5.5	6mm BCEW	No	1	R	-	R	-
5,6	Conduit Work Supply, delivery and installation of SABS approved PVC Conduits completed with all required conduit accessories. Built or Chase into brick or concrete work:						
5.6.1	20mm PVC conduit	m					rate only
5.6.2	25mm PVC conduit	m	450	R	-	R	-
	In Ceiling space and Timber work or along Purlins						
5.6.5	20mm PVC conduit	m	500	R	-	R	-
5.6.5	25mm PVC conduit	m					rate only
	Supply and installation of SABS approved conduit boxes, installed in the run of the conduit installation, cast into concrete and built into brickwork or flush inside false ceiling spaces, complete with all required conduit termination accessories.						
5,7							
5.7.1	20mm diameter 4 way type(round box)	No	45	R	-	R	-
5,7	Wall Boxes Supply and installation of SABS approved galvanised pressed steel wall boxes for building flush into brickwork or cast into concrete work. Flush mounted type:						
5.7.1	100 x 50 x 50mm	No	6	R	-	R	-
5.7.2	100 x 100 x 50mm	No	12	R	-	R	-
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
5,8	PVC Wiring in conduits:						
5.8.1	2.5mm ² house wire for lights circuits	m	1850	R	-	R	-
5.8.2	Flat twin 4mm ² X2+Earth for plug sockets and airconditioning circuits	m	850	R	-	R	-
	Stranded Bare Copper Earth Wire						
	Supply and installation of stranded bare copper earth wire along with PVC wiring in conduits. Tendered rates shall make provision for wastage.						
5.8.5	2.5mm ²	m	1850	R	-	R	-
5.8.5	4mm ²	m					rate only
5,9	Light Switches						
	Supply and installation of SABS approved type 16A flush and surface type light switches. Final paint finishes shall be confirmed at a later stage, allowance shall however be made as specified in the general specification.						
5.9.1	1 Lever 1 way	No	6	R	-	R	-
5.9.2	1 Lever 2 way	No	2	R	-	R	-
5.9.5	3 Lever 2 way	No					rate only
5.9.5	3 Lever 1 way	No					rate only
5.9.5	Photo cell	No	1	R	-	R	-
5.9.6	Motion Sensor	No	2	R	-	R	-
5,1	Socket Outlets						
	Supply and installation of SABS approved switched and unswitched type flush and surface mounted type 16A switched socket outlets suitable for mounting in flush steel wall boxes or in steel pedestal units or on surface.						
	The final colour of the paint finish shall be confirmed at a later stage, allowance shall be made as specified in the specification.						
	All flush type boxes and special pedestals measured elsewhere.						
	Flush switched sockets type:						
5.10.1	16A single socket outlets - ZA plug	No	7	R	-	R	-
5.10.2	Type F Socket outlet	No					rate only
5.10.5	Type D Socket outlet	No					Rate only
5.10.5	Power Pole	No					rate only
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD					R	-
5,11	Light Fittings					
	Supply, delivery to site, storage and installation of the below specified light fittings complete with lamps, fixing material, mounting and tubes. Allowance must be made in the rates for all the required fixing materials and accessories.					
	Fittings to be equal and similar approved to the below quoted manufacture.					
5.11.1	Type F1: 2x14W 600mm LED decorative fluorescent light	No				rate only
5.11.2	Type W1: 2x14W 600mm LED decorative vapour fluorescent light	No				rate only
5.11.5	4ft or 2ft T8 Open Channel Luminaire With 2x18 LED Tube	No	8	R	-	R -
5.11.5	15W LED Round Bulkhead 4000K	No	19	R	-	R -
5.11.5	Suspended cosmos 100W IP65 1-10V dimmable high bay	No	12	R	-	R -
5,12	Electrical Tests					
	Making provision for the required inspection, tests and the commissioning of the complete installation and the issuing of the required certificate.					
5.12.1	Building installation	Sum	1	R	12 000,00	R 12 000,00
5,15	Others					
5.15.1	300 x 300mm - Telephone & Data DB	No				Rate only
5.15.2	100 x 100 x 50mm - Draw box for Communication complete with blank cover	No				Rate only
5.15.5	2 compartment power skirting complete with socket outlets and blabks for telephone and data points.	m				Rate only
5.15.5	DATA and Telephone points on must include draw box, blank cover plate, etc,	No				Rate only
5.15.5	Provide the Sum of R 35,500.00 for earthing and lightning protection	Sum	1	R	35 500,00	R 35 500,00
5.15.6	20A 2pole Isolator, in suitable York Box, for HVAC	No	6	R	-	R -
5.15.7	40A Isolator points with complete and suitable fitting, for stove	No	2	R	-	R -
TOTAL FOR BILL PER BLOCK (3X FLOORS)- CARRIED FORWARD TO SUMMARY					R	-

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE		AMOUNT
6	<u>Existing 4 CLR</u>					
7,1	General trenching work for sleeves along the routes as pegged out on site after co-ordination with other services					
8,1	Allowance must be made for the sifting of soil when required, removal and carting away of all stones and rocks including dumping off site. Backfilling and compaction shall be carried out as specified for overall siteworks.					
9,1	Trenching through floor for sleeves	m ³				rate only
10,1	Excavation and backfilling in soft soil	m ³				rate only
11,1	Cable and Data Sleeves					
12,1	Supply and installation of PVC Sleeves through floor construction to power distribution board and communication board complete with standard radius sleeve bends					
13,1	50 mm Diameter for Power Cables 110mm Diameter for power cable	m m	60	R	-	R - rate only
	Radius bends:					
6.2.6	75mm Diameter	No				rate only
6.2.6	110mm Diameter	No				rate only
6,6	Draw Wires					
6.6.1	Supply and install a 0,6mm diameter galvanised draw wire in sleeves and conduit for data installation	m	1150	R	-	R -
6,6	Distribution Boards					
	Supply, delivery, storage and submission of workshop drawings for the Flush mounted architrave steel type power distribution boards complete with flush trays, doors, switch gear mounting trays, copper busbars, neutral and earth bars, correctly sized internal					
6.6.1	Supply and install a Distribution Board	No.	1	R	-	R -
TOTAL FOR BILL - CARRIED FORWARD						R -

TOTAL FOR BILL - BROUGHT FORWARD						R	-
6,6	Low Voltage PVC Cables Supply and installation of PVC SWA PVC cable and Bare Copper Earth Wire in sleeves and in trenches						
6.6.1	4mm 4 core PVC SWA Cable	m					rate only
6.6.2	2.5mm BCEW	m					rate only
	Terminations:						
6.6.6	10mm 2 core cable	No	2	R	-	R	-
6.6.6	6mm BCEW	No	1	R	-	R	-
6,6	Conduit Work Supply, delivery and installation of SABS approved PVC Conduits completed with all required conduit accessories. Built or Chase into brick or concrete work:						
6.6.1	20mm PVC conduit	m					rate only
6.6.2	25mm PVC conduit	m	400	R	-	R	-
	In Ceiling space and Timber work or along Purlins						
6.6.6	20mm PVC conduit	m	750	R	-	R	-
6.6.6	25mm PVC conduit	m					rate only
	Supply and installation of SABS approved conduit boxes, installed in the run of the conduit installation, cast into concrete and built into brickwork or flush inside false ceiling spaces, complete with all required conduit termination accessories.						
6,7							
6.7.1	20mm diameter 4 way type(round box)	No	45	R	-	R	-
6,7	Wall Boxes Supply and installation of SABS approved galvanised pressed steel wall boxes for building flush into brickwork or cast into concrete work. Flush mounted type:						
6.7.1	100 x 50 x 50mm	No	4	R	-	R	-
6.7.2	100 x 100 x 50mm	No	12	R	-	R	-
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
6,8	PVC Wiring in conduits:						
6.8.1	1.5mm ² house wire for lights circuits	m	450	R	-	R	-
6.8.2	4mm ² house wire for lights socket outlets and isolators	m	550	R	-	R	-
	Stranded Bare Copper Earth Wire						
	Supply and installation of stranded bare copper earth wire along with PVC wiring in conduits. Tendered rates shall make provision for wastage.						
6.8.6	2.5mm ²	m	450	R	-	R	-
6.8.6	4mm ²	m					rate only
6,9	Light Switches						
	Supply and installation of SABS approved type 16A flush and surface type light switches. Final paint finishes shall be confirmed at a later stage, allowance shall however be made as specified in the general specification.						
6.9.1	1 Lever 1 way	No	4	R	-	R	-
6.9.2	1 Lever 2 way	No					rate only
6.9.6	3 Lever 2 way	No					rate only
6.9.6	3 Lever 1 way	No					rate only
6.9.6	Photo cell	No	1	R	-	R	-
6,1	Socket Outlets						
	Supply and installation of SABS approved switched and unswitched type flush and surface mounted type 16A switched socket outlets suitable for mounting in flush steel wall boxes or in steel pedestal units or on surface.						
	The final colour of the paint finish shall be confirmed at a later stage, allowance shall be made as specified in the specification.						
	All flush type boxes and special pedestals measured elsewhere.						
	Flush switched sockets type:						
6.10.1	16A single socket outlets - ZA plug	No	8	R	-	R	-
6.10.2	16A double socket outlets - ZA plug	No					Rate only
6.10.6	Type D Socket outlet	No	4	R	-	R	-
6.10.6	Power Pole	No					rate only
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD					R	-
6,11	Light Fittings					
	Supply, delivery to site, storage and installation of the below specified light fittings complete with lamps, fixing material, mounting and tubes. Allowance must be made in the rates for all the required fixing materials and accessories.					
	Fittings to be equal and similar approved to the below quoted manufacture.					
6.11.1	Type F1: 2x14W 600mm LED decorative fluorescent light	No				rate only
6.11.2	Type W1: 2x14W 600mm LED decorative vapour fluorescent light	No				rate only
6.11.6	Opal E-Battien 4FT 1140mm 45W - 4000K - IP20	No	15	R	-	R -
6.11.6	15W LED Round Bulkhead 4000K	No	8	R	-	R -
6.11.6	Suspended cosmos 100W IP65 1-10V dimmable high bay	No				rate only
6,12	Electrical Tests					
	Making provision for the required inspection, tests and the commissioning of the complete installation and the issuing of the required certificate.					
6.12.1	Building installation	Sum	1	R	6 000,00	R 6 000,00
6,16	Others					
6.16.1	300 x 300mm - Telephone & Data DB	No				Rate only
6.16.2	100 x 100 x 50mm - Draw box for Communication complete with blank cover	No				Rate only
6.16.6	2 compartment power skirting complete with socket outlets and blabks for telephone and data points.	m				Rate only
6.16.6	DATA and Telephone points on must include draw box, blank cover plate, etc,	No				Rate only
6.16.6	Provide the Sum of R 38,500.00 for earthing and lightning protection	Sum	1	R	38 500,00	R 38 500,00
6.16.6	Provide the sum of R 25 000,00 for the removal of electrical installations in the existing classrooms	No	1	R	-	R -
6.16.7	40A Isolator points with complete and suitable fitting, for stove	No	2	R	-	R -
TOTAL FOR BILL PER BLOCK (3X FLOORS)- CARRIED FORWARD TO SUMMARY					R	-

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE		AMOUNT	
7	Science Lab + Library						
8,1	General trenching work for sleeves along the routes as pegged out on site after co-ordination with other services						
9,1	Allowance must be made for the sifting of soil when required, removal and carting away of all stones and rocks including dumping off site. Backfilling and compaction shall be carried out as specified for overall siteworks.						
10,1	Trenching through floor for sleeves	m³					rate only
11,1	Excavation and backfilling in soft soil	m³					rate only
12,1	Cable and Data Sleeves						
13,1	Supply and installation of PVC Sleeves through floor construction to power distribution board and communication board complete with standard radius sleeve bends						
14,1	50 mm Diameter for Power Cables 110mm Diameter for power cable	m m	60	R	-	R	- rate only
	Radius bends:						
7.2.7	75mm Diameter	No					rate only
7.2.7	110mm Diameter	No					rate only
7,7	Draw Wires						
7.7.1	Supply and install a 0,6mm diameter galvanised draw wire in sleeves and conduit for data installation	m	1250	R	-	R	-
7,7	Distribution Boards						
	Supply, delivery, storage and submission of workshop drawings for the Flush mounted architrave steel type power distribution boards complete with flush trays,doors,switch gear mounting trays, copper busbars, neutral and earth bars, correctly sized internal						
7.7.1	Supply and install a Distribution Board	No.	1	R	-	R	-
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
7,7	Low Voltage PVC Cables Supply and installation of PVC SWA PVC cable and Bare Copper Earth Wire in sleeves and in trenches						
7.7.1	4mm 4 core PVC SWA Cable	m					rate only
7.7.2	2.5mm BCEW	m					rate only
	Terminations:						
7.7.7	10mm 2 core cable	No	2	R	-	R	-
7.7.7	6mm BCEW	No	1	R	-	R	-
7,7	Conduit Work Supply, delivery and installation of SABS approved PVC Conduits completed with all required conduit accessories. Built or Chase into brick or concrete work:						
7.7.1	20mm PVC conduit	m					rate only
7.7.2	25mm PVC conduit	m	600	R	-	R	-
	In Ceiling space and Timber work or along Purlins						
7.7.7	20mm PVC conduit	m	650	R	-	R	-
7.7.7	25mm PVC conduit	m					rate only
7,7	Supply and installation of SABS approved conduit boxes, installed in the run of the conduit installation, cast into concrete and built into brickwork or flush inside false ceiling spaces, complete with all required conduit termination accessories.						
7.7.1	20mm diameter 4 way type(round box)	No	45	R	-	R	-
7,7	Wall Boxes Supply and installation of SABS approved galvanised pressed steel wall boxes for building flush into brickwork or cast into concrete work. Flush mounted type:						
7.7.1	100 x 50 x 50mm	No	4	R	-	R	-
7.7.2	100 x 100 x 50mm	No	12	R	-	R	-
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
7,8	PVC Wiring in conduits:						
7.8.1	1.5mm ² house wire for lights circuits	m	550	R	-	R	-
7.8.2	4mm ² house wire for lights socket outlets and isolators	m	650	R	-	R	-
	Stranded Bare Copper Earth Wire						
	Supply and installation of stranded bare copper earth wire along with PVC wiring in conduits. Tendered rates shall make provision for wastage.						
7.8.7	2.5mm ²	m	550	R	-	R	-
7.8.7	4mm ²	m					rate only
7,9	Light Switches						
	Supply and installation of SABS approved type 16A flush and surface type light switches. Final paint finishes shall be confirmed at a later stage, allowance shall however be made as specified in the general specification.						
7.9.1	1 Lever 1 way	No	4	R	-	R	-
7.9.2	1 Lever 2 way	No					rate only
7.9.7	3 Lever 2 way	No					rate only
7.9.7	3 Lever 1 way	No					rate only
7.9.7	Photo cell	No	1	R	-	R	-
7,1	Socket Outlets						
	Supply and installation of SABS approved switched and unswitched type flush and surface mounted type 16A switched socket outlets suitable for mounting in flush steel wall boxes or in steel pedestal units or on surface.						
	The final colour of the paint finish shall be confirmed at a later stage, allowance shall be made as specified in the specification.						
	All flush type boxes and special pedestals measured elsewhere.						
	Flush switched sockets type:						
7.10.1	16A single socket outlets - ZA plug	No	8	R	-	R	-
7.10.2	16A double socket outlets - ZA plug	No					Rate only
7.10.7	Type F Socket outlet	No	1	R	-	R	-
7.10.7	Power Pole	No					rate only
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD					R	-
7,11	Light Fittings					
	Supply, delivery to site, storage and installation of the below specified light fittings complete with lamps, fixing material, mounting and tubes. Allowance must be made in the rates for all the required fixing materials and accessories.					
	Fittings to be equal and similar approved to the below quoted manufacture.					
7.11.1	Type F1: 2x14W 600mm LED decorative fluorescent light	No				rate only
7.11.2	Type W1: 2x14W 600mm LED decorative vapour fluorescent light	No				rate only
7.11.7	Opal E-Battien 4FT 1140mm 45W - 4000K - IP20	No	15	R	-	R -
7.11.7	15W LED Round Bulkhead 4000K	No	8	R	-	R -
7.11.7	Suspended cosmos 100W IP65 1-10V dimmable high bay	No				rate only
7,12	Electrical Tests					
	Making provision for the required inspection, tests and the commissioning of the complete installation and the issuing of the required certificate.					
7.12.1	Building installation	Sum	1	R	6 000,00	R 6 000,00
7,17	Others					
7.17.1	300 x 300mm - Telephone & Data DB	No				Rate only
7.17.2	100 x 100 x 50mm - Draw box for Communication complete with blank cover	No				Rate only
7.17.7	2 compartment power skirting complete with socket outlets and blabks for telephone and data points.	m				Rate only
7.17.7	Provide the sum of R 28 500,00 for the removal of electrical installations in the existing classrooms	Sum	1	R	28 500,00	R 28 500,00
7.17.8	40A Isolator points with complete and suitable fitting, for stove	No	6	R	-	R -
TOTAL FOR BILL PER BLOCK (3X FLOORS)- CARRIED FORWARD TO SUMMARY					R	-

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE		AMOUNT	
9	<u>Existing 4 CLR</u>						
10,1	General trenching work for sleeves along the routes as pegged out on site after co-ordination with other services						
11,1	Allowance must be made for the sifting of soil when required, removal and carting away of all stones and rocks including dumping off site. Backfilling and compaction shall be carried out as specified for overall siteworks.						
12,1	Trenching through floor for sleeves	m ³					rate only
13,1	Excavation and backfilling in soft soil	m ³					rate only
14,1	Cable and Data Sleeves						
15,1	Supply and installation of PVC Sleeves through floor construction to power distribution board and communication board complete with standard radius sleeve bends						
16,1	50 mm Diameter for Power Cables	m	60	R	-	R	-
	110mm Diameter for power cable	m					rate only
	Radius bends:						
9.2.9	75mm Diameter	No					rate only
9.2.9	110mm Diameter	No					rate only
9,9	Draw Wires						
9.9.1	Supply and install a 0,6mm diameter galvanised draw wire in sleeves and conduit for data installation	m	1150	R	-	R	-
9,9	Distribution Boards						
	Supply, delivery, storage and submission of workshop drawings for the Flush mounted architrave steel type power distribution boards complete with flush trays, doors, switch gear mounting trays, copper busbars, neutral and earth bars, correctly sized internal						
9.9.1	Supply and install a Distribution Board	No.	1	R	-	R	-
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
9,9	Low Voltage PVC Cables Supply and installation of PVC SWA PVC cable and Bare Copper Earth Wire in sleeves and in trenches						
9.9.1	4mm 4 core PVC SWA Cable	m					rate only
9.9.2	2.5mm BCEW	m					rate only
	Terminations:						
9.9.9	10mm 2 core cable	No	2	R	-	R	-
9.9.9	6mm BCEW	No	1	R	-	R	-
9,9	Conduit Work Supply, delivery and installation of SABS approved PVC Conduits completed with all required conduit accessories. Built or Chase into brick or concrete work:						
9.9.1	20mm PVC conduit	m					rate only
9.9.2	25mm PVC conduit	m	400	R	-	R	-
	In Ceiling space and Timber work or along Purlins						
9.9.9	20mm PVC conduit	m	750	R	-	R	-
9.9.9	25mm PVC conduit	m					rate only
	Supply and installation of SABS approved conduit boxes, installed in the run of the conduit installation, cast into concrete and built into brickwork or flush inside false ceiling spaces, complete with all required conduit termination accessories.						
9,7							
9.7.1	20mm diameter 4 way type(round box)	No	45	R	-	R	-
9,7	Wall Boxes Supply and installation of SABS approved galvanised pressed steel wall boxes for building flush into brickwork or cast into concrete work. Flush mounted type:						
9.7.1	100 x 50 x 50mm	No	4	R	-	R	-
9.7.2	100 x 100 x 50mm	No	12	R	-	R	-
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
9,8	PVC Wiring in conduits:						
9.8.1	1.5mm ² house wire for lights circuits	m	450	R	-	R	-
9.8.2	4mm ² house wire for lights socket outlets and isolators	m	600	R	-	R	-
	Stranded Bare Copper Earth Wire						
	Supply and installation of stranded bare copper earth wire along with PVC wiring in conduits. Tendered rates shall make provision for wastage.						
9.8.9	2.5mm ²	m	450	R	-	R	-
9.8.9	4mm ²	m					rate only
9,9	Light Switches						
	Supply and installation of SABS approved type 16A flush and surface type light switches. Final paint finishes shall be confirmed at a later stage, allowance shall however be made as specified in the general specification.						
9.9.1	1 Lever 1 way	No	4	R	-	R	-
9.9.2	1 Lever 2 way	No					rate only
9.9.9	3 Lever 2 way	No					rate only
9.9.9	3 Lever 1 way	No					rate only
9.9.9	Photo cell	No	1	R	-	R	-
9,1	Socket Outlets						
	Supply and installation of SABS approved switched and unswitched type flush and surface mounted type 16A switched socket outlets suitable for mounting in flush steel wall boxes or in steel pedestal units or on surface.						
	The final colour of the paint finish shall be confirmed at a later stage, allowance shall be made as specified in the specification.						
	All flush type boxes and special pedestals measured elsewhere.						
	Flush switched sockets type:						
9.10.1	16A single socket outlets - ZA plug	No	8	R	-	R	-
9.10.2	16A double socket outlets - ZA plug	No					Rate only
9.10.9	Type D Socket outlet	No	4	R	-	R	-
9.10.9	Power Pole	No					rate only
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
9,11	Light Fittings						
	Supply, delivery to site, storage and installation of the below specified light fittings complete with lamps, fixing material, mounting and tubes. Allowance must be made in the rates for all the required fixing materials and accessories.						
	Fittings to be equal and similar approved to the below quoted manufacture.						
9.11.1	Type F1: 2x14W 600mm LED decorative fluorescent light	No					rate only
9.11.2	Type W1: 2x14W 600mm LED decorative vapour fluorescent light	No					rate only
9.11.9	Opal E-Battien 4FT 1140mm 45W - 4000K - IP20	No	15	R	-	R	-
9.11.9	15W LED Round Bulkhead 4000K	No	8	R	-	R	-
9.11.9	Suspended cosmos 100W IP65 1-10V dimmable high bay	No					rate only
9,12	Electrical Tests						
	Making provision for the required inspection, tests and the commissioning of the complete installation and the issuing of the required certificate.						
9.12.1	Building installation	Sum	1	R	6 000,00	R	6 000,00
9,19	Others						
9.19.1	300 x 300mm - Telephone & Data DB	No					Rate only
9.19.2	100 x 100 x 50mm - Draw box for Communication complete with blank cover	No					Rate only
9.19.9	2 compartment power skirting complete with socket outlets and blabks for telephone and data points.	m	50				Rate only
9.19.9	DATA and Telephone points on must include draw box, blank cover plate, etc,	No					Rate only
9.19.9	Provide the Sum of R 38,500.00 for earthing and lightning protection	Sum	1	R	38 500,00	R	38 500,00
9.19.10	40A Isolator points with complete and suitable fitting, for stove	No	2	R	-	R	-
TOTAL FOR BILL PER BLOCK (3X FLOORS)- CARRIED FORWARD TO SUMMARY						R	-

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE		AMOUNT	
10	<u>Existing 4 CLR</u>						
11,1	General trenching work for sleeves along the routes as pegged out on site after co-ordination with other services						
12,1	Allowance must be made for the sifting of soil when required, removal and carting away of all stones and rocks including dumping off site. Backfilling and compaction shall be carried out as specified for overall siteworks.						
13,1	Trenching through floor for sleeves	m ³					rate only
14,1	Excavation and backfilling in soft soil	m ³					rate only
15,1	Cable and Data Sleeves						
16,1	Supply and installation of PVC Sleeves through floor construction to power distribution board and communication board complete with standard radius sleeve bends						
17,1	50 mm Diameter for Power Cables 110mm Diameter for power cable	m m	60	R	-	R	- rate only
	Radius bends:						
10.2.10	75mm Diameter	No					rate only
10.2.10	110mm Diameter	No					rate only
10,1	Draw Wires						
10.10.1	Supply and install a 0,6mm diameter galvanised draw wire in sleeves and conduit for data installation	m	750	R	-	R	-
10,1	Distribution Boards						
	Supply, delivery, storage and submission of workshop drawings for the Flush mounted architrave steel type power distribution boards complete with flush trays, doors, switch gear mounting trays, copper busbars, neutral and earth bars, correctly sized internal						
10.10.1	Supply and install a Distribution Board	No.	1	R	-	R	-
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
10,1	Low Voltage PVC Cables Supply and installation of PVC SWA PVC cable and Bare Copper Earth Wire in sleeves and in trenches						
10.10.1	4mm 4 core PVC SWA Cable	m					rate only
10.10.2	2.5mm BCEW	m					rate only
	Terminations:						
10.10.10	10mm 2 core cable	No	2	R	-	R	-
10.10.10	6mm BCEW	No	1	R	-	R	-
10,1	Conduit Work Supply, delivery and installation of SABS approved PVC Conduits completed with all required conduit accessories. Built or Chase into brick or concrete work:						
10.10.1	20mm PVC conduit	m					rate only
10.10.2	25mm PVC conduit	m	350	R	-	R	-
	In Ceiling space and Timber work or along Purlins						
10.10.10	20mm PVC conduit	m	400	R	-	R	-
10.10.10	25mm PVC conduit	m					rate only
	Supply and installation of SABS approved conduit boxes, installed in the run of the conduit installation, cast into concrete and built into brickwork or flush inside false ceiling spaces, complete with all required conduit termination accessories.						
10,7							
10.7.1	20mm diameter 4 way type(round box)	No	45	R	-	R	-
10,7	Wall Boxes Supply and installation of SABS approved galvanised pressed steel wall boxes for building flush into brickwork or cast into concrete work. Flush mounted type:						
10.7.1	100 x 50 x 50mm	No	4	R	-	R	-
10.7.2	100 x 100 x 50mm	No	12	R	-	R	-
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
10,8	PVC Wiring in conduits:						
10.8.1	1.5mm ² house wire for lights circuits	m	350	R	-	R	-
10.8.2	4mm ² house wire for lights socket outlets and isolators	m	400	R	-	R	-
	Stranded Bare Copper Earth Wire						
	Supply and installation of stranded bare copper earth wire along with PVC wiring in conduits. Tendered rates shall make provision for wastage.						
10.8.10	2.5mm ²	m	350	R	-	R	-
10.8.10	4mm ²	m					rate only
10,1	Light Switches						
	Supply and installation of SABS approved type 16A flush and surface type light switches. Final paint finishes shall be confirmed at a later stage, allowance shall however be made as specified in the general specification.						
10.10.1	1 Lever 1 way	No	4	R	-	R	-
10.10.2	1 Lever 2 way	No					rate only
10.10.10	3 Lever 2 way	No					rate only
10.10.10	3 Lever 1 way	No					rate only
10.10.10	Photo cell	No	1	R	-	R	-
10,1	Socket Outlets						
	Supply and installation of SABS approved switched and unswitched type flush and surface mounted type 16A switched socket outlets suitable for mounting in flush steel wall boxes or in steel pedestal units or on surface.						
	The final colour of the paint finish shall be confirmed at a later stage, allowance shall be made as specified in the specification.						
	All flush type boxes and special pedestals measured elsewhere.						
	Flush switched sockets type:						
10.10.1	16A single socket outlets - ZA plug	No	8	R	-	R	-
10.10.2	16A double socket outlets - ZA plug	No					Rate only
10.10.10	Type F Socket outlet	No	1	R	-	R	-
10.10.10	Power Pole	No					rate only
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
10,11	Light Fittings						
	Supply, delivery to site, storage and installation of the below specified light fittings complete with lamps, fixing material, mounting and tubes. Allowance must be made in the rates for all the required fixing materials and accessories.						
	Fittings to be equal and similar approved to the below quoted manufacture.						
10.11.1	Type F1: 2x14W 600mm LED decorative fluorescent light	No					rate only
10.11.2	Type W1: 2x14W 600mm LED decorative vapour fluorescent light	No					rate only
10.11.10	Opal E-Battien 4FT 1140mm 45W - 4000K - IP20	No	15	R	-	R	-
10.11.10	15W LED Round Bulkhead 4000K	No	8	R	-	R	-
10.11.10	Suspended cosmos 100W IP65 1-10V dimmable high bay	No					rate only
10,12	Electrical Tests						
	Making provision for the required inspection, tests and the commissioning of the complete installation and the issuing of the required certificate.						
10.12.1	Building installation	Sum	1	R	6 000,00	R	6 000,00
10,11	Others						
10.110.1	300 x 300mm - Telephone & Data DB	No					Rate only
10.110.2	100 x 100 x 50mm - Draw box for Communication complete with blank cover	No					Rate only
10.110.10	2 compartment power skirting complete with socket outlets and blabks for telephone and data points.	m	50				Rate only
10.110.10	40A Isolator points with complete and suitable fitting, for stove	No	2	R	-	R	-
10.110.10	Provide the Sum of R 38,500.00 for earthing and lightning protection	Sum	1	R	38 500,00	R	38 500,00
TOTAL FOR BILL PER BLOCK (3X FLOORS)- CARRIED FORWARD TO SUMMARY						R	-

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE		AMOUNT	
12	<u>CARETAKER + STORAGE</u>						
13,1	General trenching work for sleeves along the routes as pegged out on site after co-ordination with other services						
14,1	Allowance must be made for the sifting of soil when required, removal and carting away of all stones and rocks including dumping off site. Backfilling and compaction shall be carried out as specified for overall siteworks.						
15,1	Trenching through floor for sleeves	m ³					rate only
16,1	Excavation and backfilling in soft soil	m ³					rate only
17,1	Cable and Data Sleeves						
18,1	Supply and installation of PVC Sleeves through floor construction to power distribution board and communication board complete with standard radius sleeve bends						
19,1	50 mm Diameter for Power Cables 110mm Diameter for power cable	m m	60	R	-	R	- rate only
	Radius bends:						
12.2.12	75mm Diameter	No					rate only
12.2.12	110mm Diameter	No					rate only
12,12	Draw Wires						
12.12.1	Supply and install a 0,6mm diameter galvanised draw wire in sleeves and conduit for data installation	m	400	R	-	R	-
12,12	Distribution Boards						
	Supply, delivery, storage and submission of workshop drawings for the Flush mounted architrave steel type power distribution boards complete with flush trays,doors,switch gear mounting trays, copper busbars, neutral and earth bars, correctly sized internal						
12.12.1	Supply and install a Distribution Board	No.	1	R	-	R	-
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
12,12	Low Voltage PVC Cables Supply and installation of PVC SWA PVC cable and Bare Copper Earth Wire in sleeves and in trenches						
12.12.1	4mm 4 core PVC SWA Cable	m					rate only
12.12.2	2.5mm BCEW	m					rate only
	Terminations:						
12.12.12	10mm 2 core cable	No	2	R	-	R	-
12.12.12	6mm BCEW	No	1	R	-	R	-
12,12	Conduit Work Supply, delivery and installation of SABS approved PVC Conduits completed with all required conduit accessories. Built or Chase into brick or concrete work:						
12.12.1	20mm PVC conduit	m					rate only
12.12.2	25mm PVC conduit	m	150	R	-	R	-
	In Ceiling space and Timber work or along Purlins						
12.12.12	20mm PVC conduit	m	250	R	-	R	-
12.12.12	25mm PVC conduit	m					rate only
	Supply and installation of SABS approved conduit boxes, installed in the run of the conduit installation, cast into concrete and built into brickwork or flush inside false ceiling spaces, complete with all required conduit termination accessories.						
12,7							
12.7.1	20mm diameter 4 way type(round box)	No	45	R	-	R	-
12,7	Wall Boxes Supply and installation of SABS approved galvanised pressed steel wall boxes for building flush into brickwork or cast into concrete work. Flush mounted type:						
12.7.1	100 x 50 x 50mm	No	4	R	-	R	-
12.7.2	100 x 100 x 50mm	No	12	R	-	R	-
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
12,12	PVC Wiring in conduits:						
12.12.1	1.5mm² house wire for lights circuits	m	220	R	-	R	-
12.12.2	4mm² house wire for lights socket outlets and isolators	m	250	R	-	R	-
	Stranded Bare Copper Earth Wire						
	Supply and installation of stranded bare copper earth wire along with PVC wiring in conduits. Tendered rates shall make provision for wastage.						
12.12.12	2.5mm²	m	220	R	-	R	-
12.12.12	4mm²	m					rate only
12,9	Light Switches						
	Supply and installation of SABS approved type 16A flush and surface type light switches. Final paint finishes shall be confirmed at a later stage, allowance shall however be made as specified in the general specification.						
12.9.1	1 Lever 1 way	No	4	R	-	R	-
12.9.2	1 Lever 2 way	No					rate only
12.9.12	3 Lever 2 way	No					rate only
12.9.12	3 Lever 1 way	No					rate only
12.9.12	Photo cell	No	1	R	-	R	-
12,1	Socket Outlets						
	Supply and installation of SABS approved switched and unswitched type flush and surface mounted type 16A switched socket outlets suitable for mounting in flush steel wall boxes or in steel pedestal units or on surface.						
	The final colour of the paint finish shall be confirmed at a later stage, allowance shall be made as specified in the specification.						
	All flush type boxes and special pedestals measured elsewhere.						
	Flush switched sockets type:						
12.10.1	16A single socket outlets - ZA plug	No	8	R	-	R	-
12.10.2	16A double socket outlets - ZA plug	No					Rate only
12.10.12	Type F Socket outlet	No					rate only
12.10.12	Power Pole	No					rate only
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD					R	-
12,11	Light Fittings					
	Supply, delivery to site, storage and installation of the below specified light fittings complete with lamps, fixing material, mounting and tubes. Allowance must be made in the rates for all the required fixing materials and accessories.					
	Fittings to be equal and similar approved to the below quoted manufacture.					
12.11.1	Type F1: 2x14W 600mm LED decorative fluorescent light	No				rate only
12.11.2	Type W1: 2x14W 600mm LED decorative vapour fluorescent light	No				rate only
12.11.12	Opal E-Battien 4FT 1140mm 45W - 4000K - IP20	No	15	R	-	R -
12.11.12	15W LED Round Bulkhead 4000K	No	8	R	-	R -
12.11.12	Suspended cosmos 100W IP65 1-10V dimmable high bay	No				rate only
12,12	Electrical Tests					
	Making provision for the required inspection, tests and the commissioning of the complete installation and the issuing of the required certificate.					
12.12.1	Building installation	Sum	1	R	4 000,00	R 4 000,00
12,112	Others					
12.112.1	300 x 300mm - Telephone & Data DB	No				Rate only
12.112.2	100 x 100 x 50mm - Draw box for Communication complete with blank cover	No				Rate only
12.112.12	2 compartment power skirting complete with socket outlets and blabks for telephone and data points.	m				Rate only
12.112.12	DATA and Telephone points on must include draw box, blank cover plate, etc,	No				Rate only
12.112.12	Provide the Sum of R 12,500.00 for earthing and lightning protection	Sum	1	R	12 500,00	R 12 500,00
12.112.7	40A Isolator points with complete and suitable fitting, for stove	No				rate only
TOTAL FOR BILL PER BLOCK (3X FLOORS)- CARRIED FORWARD TO SUMMARY					R	-

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE		AMOUNT	
13	<u>TUCKSHOP</u>						
14,1	General trenching work for sleeves along the routes as pegged out on site after co-ordination with other services						
15,1	Allowance must be made for the sifting of soil when required, removal and carting away of all stones and rocks including dumping off site. Backfilling and compaction shall be carried out as specified for overall siteworks.						
16,1	Trenching through floor for sleeves	m ³					rate only
17,1	Excavation and backfilling in soft soil	m ³					rate only
18,1	Cable and Data Sleeves						
19,1	Supply and installation of PVC Sleeves through floor construction to power distribution board and communication board complete with standard radius sleeve bends						
20,1	50 mm Diameter for Power Cables 110mm Diameter for power cable	m m	60	R	-	R	- rate only
	Radius bends:						
13.2.13	75mm Diameter	No					rate only
13.2.13	110mm Diameter	No					rate only
13,13	Draw Wires						
13.13.1	Supply and install a 0,6mm diameter galvanised draw wire in sleeves and conduit for data installation	m	270	R	-	R	-
13,13	Distribution Boards						
	Supply, delivery, storage and submission of workshop drawings for the Flush mounted architrave steel type power distribution boards complete with flush trays, doors, switch gear mounting trays, copper busbars, neutral and earth bars, correctly sized internal						
13.13.1	Supply and install a Distribution Board	No.	1	R	-	R	-
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
13,13	Low Voltage PVC Cables Supply and installation of PVC SWA PVC cable and Bare Copper Earth Wire in sleeves and in trenches						
13.13.1	4mm 4 core PVC SWA Cable	m					rate only
13.13.2	2.5mm BCEW	m					rate only
	Terminations:						
13.13.13	10mm 2 core cable	No	2	R	-	R	-
13.13.13	6mm BCEW	No	1	R	-	R	-
13,13	Conduit Work Supply, delivery and installation of SABS approved PVC Conduits completed with all required conduit accessories. Built or Chase into brick or concrete work:						
13.13.1	20mm PVC conduit	m					rate only
13.13.2	25mm PVC conduit	m	150	R	-	R	-
	In Ceiling space and Timber work or along Purlins						
13.13.13	20mm PVC conduit	m	120	R	-	R	-
13.13.13	25mm PVC conduit	m					rate only
	Supply and installation of SABS approved conduit boxes, installed in the run of the conduit installation, cast into concrete and built into brickwork or flush inside false ceiling spaces, complete with all required conduit termination accessories.						
13,7							
13.7.1	20mm diameter 4 way type(round box)	No	45	R	-	R	-
13,7	Wall Boxes Supply and installation of SABS approved galvanised pressed steel wall boxes for building flush into brickwork or cast into concrete work. Flush mounted type:						
13.7.1	100 x 50 x 50mm	No	4	R	-	R	-
13.7.2	100 x 100 x 50mm	No	12	R	-	R	-
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
13,13	PVC Wiring in conduits:						
13.13.1	1.5mm ² house wire for lights circuits	m	250	R	-	R	-
13.13.2	4mm ² house wire for lights socket outlets and isolators	m	250	R	-	R	-
	Stranded Bare Copper Earth Wire						
	Supply and installation of stranded bare copper earth wire along with PVC wiring in conduits. Tendered rates shall make provision for wastage.						
13.13.13	2.5mm ²	m	250	R	-	R	-
13.13.13	4mm ²	m					rate only
13,9	Light Switches						
	Supply and installation of SABS approved type 16A flush and surface type light switches. Final paint finishes shall be confirmed at a later stage, allowance shall however be made as specified in the general specification.						
13.9.1	1 Lever 1 way	No	4	R	-	R	-
13.9.2	1 Lever 2 way	No					rate only
13.9.13	3 Lever 2 way	No					rate only
13.9.13	3 Lever 1 way	No					rate only
13.9.13	Photo cell	No	1	R	-	R	-
13,1	Socket Outlets						
	Supply and installation of SABS approved switched and unswitched type flush and surface mounted type 16A switched socket outlets suitable for mounting in flush steel wall boxes or in steel pedestal units or on surface.						
	The final colour of the paint finish shall be confirmed at a later stage, allowance shall be made as specified in the specification.						
	All flush type boxes and special pedestals measured elsewhere.						
	Flush switched sockets type:						
13.10.1	16A single socket outlets - ZA plug	No	8	R	-	R	-
13.10.2	16A double socket outlets - ZA plug	No					Rate only
13.10.13	Type F Socket outlet	No					rate only
13.10.13	Power Pole	No					rate only
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD					R	-
13,11	Light Fittings					
	Supply, delivery to site, storage and installation of the below specified light fittings complete with lamps, fixing material, mounting and tubes. Allowance must be made in the rates for all the required fixing materials and accessories.					
	Fittings to be equal and similar approved to the below quoted manufacture.					
13.11.1	Type F1: 2x14W 600mm LED decorative fluorescent light	No				rate only
13.11.2	Type W1: 2x14W 600mm LED decorative vapour fluorescent light	No				rate only
13.11.13	Opal E-Battien 4FT 1140mm 45W - 4000K - IP20	No	15	R	-	R -
13.11.13	15W LED Round Bulkhead 4000K	No	8	R	-	R -
13.11.13	Suspended cosmos 100W IP65 1-10V dimmable high bay	No				rate only
13,12	Electrical Tests					
	Making provision for the required inspection, tests and the commissioning of the complete installation and the issuing of the required certificate.					
13.12.1	Building installation	Sum	1	R	4 000,00	R 4 000,00
13,113	Others					
13.113.1	300 x 300mm - Telephone & Data DB	No				Rate only
13.113.2	100 x 100 x 50mm - Draw box for Communication complete with blank cover	No				Rate only
13.113.13	2 compartment power skirting complete with socket outlets and blabks for telephone and data points.	m	50			Rate only
13.113.13	DATA and Telephone points on must include draw box, blank cover plate, etc,	No				Rate only
13.113.13	Provide the Sum of R 12,500.00 for earthing and lightning protection	Sum	1	R	12 500,00	R 12 500,00
13.113.7	40A Isolator points with complete and suitable fitting, for stove	No				rate only
TOTAL FOR BILL PER BLOCK (3X FLOORS)- CARRIED FORWARD TO SUMMARY					R	-

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE		AMOUNT	
14	<u>CHANGEROOMS</u>						
15,1	General trenching work for sleeves along the routes as pegged out on site after co-ordination with other services						
16,1	Allowance must be made for the sifting of soil when required, removal and carting away of all stones and rocks including dumping off site. Backfilling and compaction shall be carried out as specified for overall siteworks.						
17,1	Trenching through floor for sleeves	m ³					rate only
18,1	Excavation and backfilling in soft soil	m ³					rate only
19,1	Cable and Data Sleeves						
20,1	Supply and installation of PVC Sleeves through floor construction to power distribution board and communication board complete with standard radius sleeve bends						
21,1	50 mm Diameter for Power Cables 110mm Diameter for power cable	m m	60	R	-	R	- rate only
	Radius bends:						
14.2.14	75mm Diameter	No					rate only
14.2.14	110mm Diameter	No					rate only
14,14	Draw Wires						
14.14.1	Supply and install a 0,6mm diameter galvanised draw wire in sleeves and conduit for data installation	m	270	R	-	R	-
14,14	Distribution Boards						
	Supply, delivery, storage and submission of workshop drawings for the Flush mounted architrave steel type power distribution boards complete with flush trays, doors, switch gear mounting trays, copper busbars, neutral and earth bars, correctly sized internal						
14.14.1	Supply and install a Distribution Board	No.	1	R	-	R	-
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
14,14	Low Voltage PVC Cables Supply and installation of PVC SWA PVC cable and Bare Copper Earth Wire in sleeves and in trenches						
14.14.1	4mm 4 core PVC SWA Cable	m					rate only
14.14.2	2.5mm BCEW	m					rate only
	Terminations:						
14.14.14	10mm 2 core cable	No	2	R	-	R	-
14.14.14	6mm BCEW	No	1	R	-	R	-
14,14	Conduit Work Supply, delivery and installation of SABS approved PVC Conduits completed with all required conduit accessories. Built or Chase into brick or concrete work:						
14.14.1	20mm PVC conduit	m					rate only
14.14.2	25mm PVC conduit	m	150	R	-	R	-
	In Ceiling space and Timber work or along Purlins						
14.14.14	20mm PVC conduit	m	120	R	-	R	-
14.14.14	25mm PVC conduit	m					rate only
	Supply and installation of SABS approved conduit boxes, installed in the run of the conduit installation, cast into concrete and built into brickwork or flush inside false ceiling spaces, complete with all required conduit termination accessories.						
14,7							
14.7.1	20mm diameter 4 way type(round box)	No	45	R	-	R	-
14,7	Wall Boxes Supply and installation of SABS approved galvanised pressed steel wall boxes for building flush into brickwork or cast into concrete work. Flush mounted type:						
14.7.1	100 x 50 x 50mm	No	4	R	-	R	-
14.7.2	100 x 100 x 50mm	No	12				rate only
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
14,14	PVC Wiring in conduits:						
14.14.1	1.5mm ² house wire for lights circuits	m	250	R	-	R	-
14.14.2	4mm ² house wire for lights socket outlets and isolators	m	60	R	-	R	-
	Stranded Bare Copper Earth Wire						
	Supply and installation of stranded bare copper earth wire along with PVC wiring in conduits. Tendered rates shall make provision for wastage.						
14.14.14	2.5mm ²	m	250	R	-	R	-
14.14.14	4mm ²	m					rate only
14,9	Light Switches						
	Supply and installation of SABS approved type 16A flush and surface type light switches. Final paint finishes shall be confirmed at a later stage, allowance shall however be made as specified in the general specification.						
14.9.1	1 Lever 1 way	No	4	R	-	R	-
14.9.2	1 Lever 2 way	No					rate only
14.9.14	3 Lever 2 way	No					rate only
14.9.14	3 Lever 1 way	No					rate only
14.9.14	Photo cell	No	1	R	-	R	-
14,1	Socket Outlets						
	Supply and installation of SABS approved switched and unswitched type flush and surface mounted type 16A switched socket outlets suitable for mounting in flush steel wall boxes or in steel pedestal units or on surface.						
	The final colour of the paint finish shall be confirmed at a later stage, allowance shall be made as specified in the specification.						
	All flush type boxes and special pedestals measured elsewhere.						
	Flush switched sockets type:						
14.10.1	16A single socket outlets - ZA plug	No	6	R	-	R	-
14.10.2	16A double socket outlets - ZA plug	No					Rate only
14.10.14	Type F Socket outlet	No					
14.10.14	Power Pole	No					rate only
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
14,11	Light Fittings						
	Supply, delivery to site, storage and installation of the below specified light fittings complete with lamps, fixing material, mounting and tubes. Allowance must be made in the rates for all the required fixing materials and accessories.						
	Fittings to be equal and similar approved to the below quoted manufacture.						
14.11.1	Type F1: 2x14W 600mm LED decorative fluorescent light	No					rate only
14.11.2	Type W1: 2x14W 600mm LED decorative vapour fluorescent light	No					rate only
14.11.14	Opal E-Battien 4FT 1140mm 45W - 4000K - IP20	No	15	R	-	R	-
14.11.14	15W LED Round Bulkhead 4000K	No	8	R	-	R	-
14.11.14	Suspended cosmos 100W IP65 1-10V dimmable high bay	No					rate only
14,12	Electrical Tests						
	Making provision for the required inspection, tests and the commissioning of the complete installation and the issuing of the required certificate.						
14.12.1	Building installation	Sum	1	R	4 000,00	R	4 000,00
14,114	Others						
14.114.1	300 x 300mm - Telephone & Data DB	No					Rate only
14.114.2	100 x 100 x 50mm - Draw box for Communication complete with blank cover	No					Rate only
14.114.14	2 compartment power skirting complete with socket outlets and blabks for telephone and data points.	m					Rate only
14.114.14	DATA and Telephone points on must include draw box, blank cover plate, etc,	No					Rate only
14.114.14	Provide the Sum of R 10,000.00 for earthing and lightning protection	Sum	1	R	10 000,00	R	10 000,00
14.114.7	40A Isolator points with complete and suitable fitting, for stove	No					rate only
TOTAL FOR BILL PER BLOCK (3X FLOORS)- CARRIED FORWARD TO SUMMARY						R	-

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE		AMOUNT	
15	<u>GUARD HOUSE</u>						
16,1	General trenching work for sleeves along the routes as pegged out on site after co-ordination with other services						
17,1	Allowance must be made for the sifting of soil when required, removal and carting away of all stones and rocks including dumping off site. Backfilling and compaction shall be carried out as specified for overall siteworks.						
18,1	Trenching through floor for sleeves	m ³					rate only
19,1	Excavation and backfilling in soft soil	m ³					rate only
20,1	Cable and Data Sleeves						
21,1	Supply and installation of PVC Sleeves through floor construction to power distribution board and communication board complete with standard radius sleeve bends						
22,1	50 mm Diameter for Power Cables 110mm Diameter for power cable	m m	60	R	-	R	- rate only
	Radius bends:						
15.2.15	75mm Diameter	No					rate only
15.2.15	110mm Diameter	No					rate only
15,15	Draw Wires						
15.15.1	Supply and install a 0,6mm diameter galvanised draw wire in sleeves and conduit for data installation	m	250	R	-	R	-
15,15	Distribution Boards						
	Supply, delivery, storage and submission of workshop drawings for the Flush mounted architrave steel type power distribution boards complete with flush trays, doors, switch gear mounting trays, copper busbars, neutral and earth bars, correctly sized internal						
15.15.1	Supply and install a Distribution Board	No.	1	R	-	R	-
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
15,15	Low Voltage PVC Cables Supply and installation of PVC SWA PVC cable and Bare Copper Earth Wire in sleeves and in trenches						
15.15.1	4mm 4 core PVC SWA Cable	m					rate only
15.15.2	2.5mm BCEW	m					rate only
	Terminations:						
15.15.15	10mm 2 core cable	No	2	R	-	R	-
15.15.15	6mm BCEW	No	1	R	-	R	-
15,15	Conduit Work Supply, delivery and installation of SABS approved PVC Conduits completed with all required conduit accessories. Built or Chase into brick or concrete work:						
15.15.1	20mm PVC conduit	m					rate only
15.15.2	25mm PVC conduit	m	150	R	-	R	-
	In Ceiling space and Timber work or along Purlins						
15.15.15	20mm PVC conduit	m	100	R	-	R	-
15.15.15	25mm PVC conduit	m					rate only
	Supply and installation of SABS approved conduit boxes, installed in the run of the conduit installation, cast into concrete and built into brickwork or flush inside false ceiling spaces, complete with all required conduit termination accessories.						
15,7							
15.7.1	20mm diameter 4 way type(round box)	No	45	R	-	R	-
15,7	Wall Boxes Supply and installation of SABS approved galvanised pressed steel wall boxes for building flush into brickwork or cast into concrete work. Flush mounted type:						
15.7.1	100 x 50 x 50mm	No	4	R	-	R	-
15.7.2	100 x 100 x 50mm	No	12				rate only
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD						R	-
15,15	PVC Wiring in conduits:						
15.15.1	1.5mm ² house wire for lights circuits	m	250	R	-	R	-
15.15.2	4mm ² house wire for lights socket outlets and isolators	m	60	R	-	R	-
	Stranded Bare Copper Earth Wire						
	Supply and installation of stranded bare copper earth wire along with PVC wiring in conduits. Tendered rates shall make provision for wastage.						
15.15.15	2.5mm ²	m	250	R	-	R	-
15.15.15	4mm ²	m					rate only
15,9	Light Switches						
	Supply and installation of SABS approved type 16A flush and surface type light switches. Final paint finishes shall be confirmed at a later stage, allowance shall however be made as specified in the general specification.						
15.9.1	1 Lever 1 way	No	2	R	-	R	-
15.9.2	1 Lever 2 way	No					rate only
15.9.15	3 Lever 2 way	No					rate only
15.9.15	3 Lever 1 way	No					rate only
15.9.15	Photo cell	No	1	R	-	R	-
15,1	Socket Outlets						
	Supply and installation of SABS approved switched and unswitched type flush and surface mounted type 16A switched socket outlets suitable for mounting in flush steel wall boxes or in steel pedestal units or on surface.						
	The final colour of the paint finish shall be confirmed at a later stage, allowance shall be made as specified in the specification.						
	All flush type boxes and special pedestals measured elsewhere.						
	Flush switched sockets type:						
15.10.1	16A single socket outlets - ZA plug	No	4	R	-	R	-
15.10.2	16A double socket outlets - ZA plug	No					Rate only
15.10.15	Type F Socket outlet	No					rate only
15.10.15	Power Pole	No					rate only
TOTAL FOR BILL - CARRIED FORWARD						R	-

TOTAL FOR BILL - BROUGHT FORWARD					R	-
15,11	Light Fittings					
	Supply, delivery to site, storage and installation of the below specified light fittings complete with lamps, fixing material, mounting and tubes. Allowance must be made in the rates for all the required fixing materials and accessories.					
	Fittings to be equal and similar approved to the below quoted manufacture.					
15.11.1	Type F1: 2x14W 600mm LED decorative fluorescent light	No				rate only
15.11.2	Type W1: 2x14W 600mm LED decorative vapour fluorescent light	No				rate only
15.11.15	Opal E-Battien 4FT 1140mm 45W - 4000K - IP20	No	2	R	-	R -
15.11.15	15W LED Round Bulkhead 4000K	No	4	R	-	R -
15.11.15	Suspended cosmos 100W IP65 1-10V dimmable high bay	No				rate only
15,12	Electrical Tests					
	Making provision for the required inspection, tests and the commissioning of the complete installation and the issuing of the required certificate.					
15.12.1	Building installation	Sum	1	R	4 000,00	R 4 000,00
15,115	Others					
15.115.1	300 x 300mm - Telephone & Data DB	No				Rate only
15.115.2	100 x 100 x 50mm - Draw box for Communication complete with blank cover	No				Rate only
15.115.15	2 compartment power skirting complete with socket outlets and blabks for telephone and data points.	m	50			Rate only
15.115.15	DATA and Telephone points on must include draw box, blank cover plate, etc,	No				Rate only
15.115.15	Provide the Sum of R 10 000.00 for earthing and lightning protection	Sum	1	R	10 000,00	R 10 000,00
15.115.7	40A Isolator points with complete and suitable fitting, for stove	No				rate only
TOTAL FOR BILL PER BLOCK (3X FLOORS)- CARRIED FORWARD TO SUMMARY					R	-

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

[illegible]

Section No. 7:
Mechanical Installations

CN LEKALAKE SECONDARY SCHOOL SUMMARY: MECHANICAL INSTALLATION		
SECTION	DESCRIPTION	AMOUNT
1	Fire Protection	
2	HVAC	
3	Wet services	
4	Kitchen Equipment	
5	LPG Installation	
6	Fume Cupboards	
	SUB TOTAL	
TOTAL BID PRICE CARRIED TO MAIN BoQ PAGE 157		

ITEM	REF	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2		FIRE PROTECTION				
		SITE WORKS				
		Supply, delivery, installation, commissioning and testing of Fire Protection Systems complete with connections and fittings in Accordance with SANS 10400 Part T and SANS 10400 Part W				
2,1	FHR/FH	Supply, delivery, installation, commissioning and testing of Fire Hydrants & Fire Hose Reels				
2.1.1		Φ100 Two Port Booster with Pressure Guage	No	1		
2.1.2		Φ100mm Storz Hydrant – Φ100mm female BSP inlet & Φ100mm Storz outlet	No	1		
2.1.3		Φ65mm Outlet Outdoor Type Fire Hydrant	No	4		
2.1.4		Φ65mm, 30m MET Lay flat hose with coupling	No	2		
2.1.5		Φ100mm Non Return Valve	No	8		
2.1.6		Φ100mm Gate valves	No	18		
2.1.7		Φ25mm Galvanised Steel (SABS 62) Piping for Connection of Fire Hose Reel	m	280		
2.1.8		Φ50mm Galvanised Steel (SABS 62) Piping for Connection of Fire Hose Reel	m	350		
2.1.9		Φ50mm Brass Non Return Valve (NRV)	No	12		
2.1.10		Φ50mm Brass Gate Valve (GV)	No	18		
2.1.11		Φ110mm Class 16 HDPE Piping Mains Connection	m	550		
2.1.12		Reducing Valves, Fittings and Accessories (Fire Hose Reels)	Sum	1		
2.1.13		Red Enamel Paint	L	20		
2.1.14		20 000 L Polyethylene water stoarge tank, 10 years warranty, food grade, LLDPE UV stabilised with inner black lining manufactured to SANS 1731 and 50mm outlet). Tank mounted on a concrete slab.	No	4		
2.1.15		End suction Vertical centrifugal pump type, fire pump complete with 20 L/sec at a total head of 35m including by pass arrangement for periodical testing of the working of the pump. The pump shall be provided with mechanical seals and outlet manifolds. The above mounted on a base, pre-piped, pre-wired and tested, complete with control panels.	No	2		
2.1.16		Jockey Pump: 1 L/s @ 36m Head Jockey Electrically driven	No	0	Incl.	
2.1.17		PUMP ROOM PUMPHOUSE PIPEWORK & ELECTRICAL CONNECTIONS All pumphouse pipework and necessary valves as per tender drawings and specification	Sum	1	Incl.	
2.1.18		All electrical panels, cabling, safeties, switches, etc for electrical pump, jockey pump and any other equipment housed within the pump house	Sum	1	Incl.	
2,2	FE	Supply, delivery, installation, commissioning and testing of Fire Extinguishers complete with chevron board				
2.2.1		30m, 20mm diameter, non-swinging rotary pattern type Fire Hose Reels c/w Pressure Gauge	No	16		
2.2.2		5 kg Carbon Dioxide Portable Fire Extinguishers	No	2		
2.2.3		4.5 kg Dry Chemical Powder Portable Fire Extinguishers	No	46		
2.2.4		Fire Extinguishers Cabinet for 5kg CO ₂	No	2		
TOTAL CARRIED FORWARD						

ITEM	REF	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
TOTAL BROUGHT FORWARD						
2.2.5	ES	Fire Extinguishers Cabinet for 4.5kg DCP	No	46		
2.2.6		Fire Blanket, 1.8mx1.8m Woven Fibreglass Fire Resistant Fabric with PVC Sleeve.	No	1		
2,3		Supply, delivery and installation of Evacuation Signage and Fire Escape Doors				
2.3.1		E1/E2, Size: 190mm x 380mm (h x w) Double sided photoluminescent sign framed in natural anodised aluminium. Supply and install with steel wire and ceiling hook/onto mild steel bracket at 3.0 meters from finished floor level/mechanically mounted onto wall/fixture.	No	2		
2.3.2	FS	E3, Size: 190mm x 380mm (h x w) Double sided photoluminescent sign with back plate framed in natural anodised aluminium. Supply and install with steel wire and ceiling hook/onto mild steel bracket at 3.0 meters from finished floor level/mechanically mounted onto wall/fixture.	No	50		
2,4		Supply, delivery and installation of Fire Equipment Signage				
2.4.1		F4, Size: 190mm x 570mm (h x w) Double sided photoluminescent sign with back plate framed in natural anodised aluminium. Supply and install with steel wire and ceiling hook/onto mild steel bracket at 3.0 meters from finished floor level/mechanically mounted onto wall/fixture.	No	9		
2.4.2		F16/F19, Size: 190mm x 380mm (h x w) Double sided photoluminescent sign with back plate framed in natural anodised aluminium. Supply and install with steel wire and ceiling hook/onto mild steel bracket at 3.0 meters from finished floor level/mechanically mounted onto wall/fixture.	No	0		
2.4.3	2.5	F13, Size: 190mm x 380mm (h x w) Double sided photoluminescent sign with back plate framed in natural anodised aluminium. Supply and install with steel wire and ceiling hook/onto mild steel bracket at 3.0 meters from finished floor level/mechanically mounted onto wall/fixture.	No	23		
2.4.4		F14, Size: 190mm x 380mm (h x w) Double sided photoluminescent sign with back plate framed in natural anodised aluminium. Supply and install with steel wire and ceiling hook/onto mild steel bracket at 3.0 meters from finished floor level/mechanically mounted onto wall/fixture.	No	3		
2.5		Supply, Delivery, Testing and Commissioning of an Manually Operated Alarm System Complete to Comply with SANS 10139 and SANS 10400: T				
2.5.1		4 Loop Addressable Fire Control Panel with Batteries	No	1		
2.5.2	2.6	Addresseable ziton smoke detectors and bases	No	11		
2.5.3		Call points with bases	No	8		
2.5.4		Sounder, Red, Shallow Base, 100db with Complimentary Strobe Lights	No	1		
2.5.5		2 Core PH 60 Cable, 1mm	m	800		
2.5.6		Conduit	m	400		
2.5.7		Fire Department Link - Remrad/SMS Communicator	No	1		
2.6	2.6.1	Testing and Commissioning of all Fire Protection Installations				
2.6.1		Testing and Commissioning of all Fire Protection Installations	Sum	1		
TOTAL CARRIED TO SUMMARY						

ITEM	REFERENCE	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
3		AIR CONDITIONING				
		Supply and install Floor Plan Inverter heat pump air-conditioning units complete with fittings and fixtures, avm and (R410a) refrigerant gas for commisioning as specified and shown on the drawing. All units shall be IP addressable ready for BMS connection by others.				
3,1	MWSU - 01	Supply, delivery, installation, commissioning and testing of 2.7kW cooling capacityMid Wall Split Unit(Heat Pump, Inverter, R410) complete with insulated refrigerant piping, condensate drains, trunking, electric wiring and connection, remote controls and top-up refrigerant				
3.1.1		Mid-Wall Split Unit, 2.7 kW cooling capacity Inverter Heat Pump (SABS Approved or Equivalent)	No	8		
3.1.2		Wired Controller	No	8		
3.1.3		Chord for Wired Controller	m	40		
3.1.4		Interface Adapter for Wired Controller	No	8		
3.1.5		Refrigerant piping - Liquid	m	120		
3.1.6		Refrigerant piping - Gas	m	120		
3.1.7		Drain piping ID (Φ 25mm)	m	120		
3.2	MWSU - 02	Supply, delivery, installation, commissioning and testing of 3.5kW cooling capacityMid Wall Split Unit(Heat Pump, Inverter, R410) complete with insulated refrigerant piping, condensate drains, trunking, electric wiring and connection, remote controls and top-up refrigerant				
3.2.1		Mid-Wall Split Unit, 3.5 kW cooling capacity Inverter Heat Pump (SABS Approved or Equivalent)	No	3		
3.2.2		Wired Controller	No	3		
3.2.3		Chord for Wired Controller	m	15		
3.2.4		Interface Adapter for Wired Controller	No	3		
3.2.5		Refrigerant piping - Liquid	m	45		
3.2.6		Refrigerant piping - Gas	m	45		
3.2.7		Drain piping ID (Φ 25mm)	m	45		
TOTAL CARRIED FORWARD						

ITEM	REFERENCE	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
TOTAL BROUGHT FORWARD						
3.3	MWSU - 03	Supply, delivery, installation, commissioning and testing of 5.3kW cooling capacity Mid Wall Split Unit(Heat Pump, Inverter, R410) complete with insulated refrigerant piping, condensate drains, trunking, electric wiring and connection, remote controls and top-up refrigerant				
3.3.1		Mid-Wall Split Unit, 5.3 kW cooling capacity Inverter Heat Pump (SABS Approved or Equivalent)	No	1		
3.3.2		Wired Controller	No	1		
3.3.3		Chord for Wired Controller	m	5		
3.3.4		Interface Adapter for Wired Controller	No	1		
3.3.5		Refrigerant piping - Liquid	m	15		
3.3.6		Refrigerant piping - Gas	m	15		
3.3.7		Drain piping ID (Φ 25mm)	m	15		
3.4	MWSU - 04	Supply, delivery, installation, commissioning and testing of 6,4kW cooling capacity Mid Wall Split Unit(Heat Pump, Inverter, R410) complete with insulated refrigerant piping, condensate drains, trunking, electric wiring and connection, remote controls and top-up refrigerant				
3.4.1		Mid-Wall Split Unit, 6,4 kW cooling capacity Inverter Heat Pump (SABS Approved or Equivalent)	No	3		
3.4.2		Wired Controller	No	3		
3.4.3		Chord for Wired Controller	m	15		
3.4.4		Interface Adapter for Wired Controller	No	3		
3.4.5		Refrigerant piping - Liquid	m	45		
3.4.6		Refrigerant piping - Gas	m	45		
3.4.7		Drain piping ID (Φ 25mm)	m	45		
3.5	RFCSU-05	Supply, delivery, installation, commissioning and testing of 8,0kW cooling capacity Ceiling Cassette Split Unit(Heat Pump, Inverter, R410) complete with insulated refrigerant piping, condensate drains, trunking, electric wiring and connection, remote controls and top-up refrigerant				
3.5.1		Round Flow Cassette Unit, 8,0 kW cooling capacity Inverter Heat Pump (SABS Approved or Equivalent)	No	1		
3.5.2		Wired Controller	No	1		
3.5.3		Chord for Wired Controller	m	6		
3.5.4		Interface Adapter for Wired Controller	No	1		
TOTAL CARRIED FORWARD						

ITEM	REFERENCE	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
TOTAL BROUGHT FORWARD						
3.5.5	3.6 RFCSU-06	Refrigerant piping - Liquid	m	15		
3.5.6		Refrigerant piping - Gas	m	15		
3.5.7		Drain piping ID (Φ 25mm)	m	15		
3.6		Supply, delivery, installation, commissioning and testing of 10kW cooling capacityCeiling Cassette Split Unit(Heat Pump, Inverter, R410) complete with insulated refrigerant piping, condensate drains, trunking, electric wiring and connection, remote controls and top-up refrigerant				
3.6.1		Round Flow Cassettee Unit, 10 kW cooling capacity Inverter Heat Pump (SABS Approved or Equivalent)	No	2		
3.6.2		Wired Controller	No	1		
3.6.3		Chord for Wired Controller	m	6		
3.6.4		Interface Adapter for Wired Controller	No	1		
3.6.5		Refrigerant piping - Liquid	m	30		
3.6.6		Refrigerant piping - Gas	m	30		
3.6.7	3.7 RFCSU-08	Drain piping ID (Φ 25mm)	m	30		
3.7		Supply, delivery, installation, commissioning and testing of 16,0kW cooling capacityCeiling Cassette Split Unit(Heat Pump, Inverter, R410) complete with insulated refrigerant piping, condensate drains, trunking, electric wiring and connection, remote controls and top-up refrigerant				
3.7.1		Round Flow Cassettee Unit, 16,0 kW cooling capacity Inverter Heat Pump (SABS Approved or Equivalent)	No	1		
3.7.2		Wired Controller	No	1		
3.7.3		Chord for Wired Controller	m	6		
3.7.4		Interface Adapter for Wired Controller	No	1		
3.7.5		Refrigerant piping - Liquid	m	15		
3.7.6		Refrigerant piping - Gas	m	15		
3.7.7		Drain piping ID (Φ 25mm)	m	15		
TOTAL CARRIED FORWARD						

ITEM	REFERENCE	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
TOTAL BROUGHT FORWARD						
3.7	DSU-01	Supply, delivery, installation, commissioning and testing of 16,0kW cooling capacity Ducted Split Unit(Heat Pump, Inverter, R410) complete with insulated refrigerant piping, drain pump, condensate drains, trunking, electric wiring and connection, remote controls and top-up refrigerant				
3.7.1		Ducted Split Unit, 28 kW cooling capacity Inverter Heat Pump (SABS Approved or Equivalent)	No	1		
3.7.2		Wired Controller	No	1		
3.7.3		Chord for Wired Controller	m	6		
3.7.4		Interface Adapter for Wired Controller	No	1		
3.7.5		Refrigerant piping - Liquid	m	15		
3.7.6		Refrigerant piping - Gas	m	15		
3.7.7		Drain piping ID (Φ 25mm)	m	15		
3.8	DSU-02	Supply, delivery, installation, commissioning and testing of 20,0kW cooling capacity Ducted Split Unit(Heat Pump, Inverter, R410) complete with insulated refrigerant piping, drain pump, condensate drains, trunking, electric wiring and connection, remote controls and top-up refrigerant				
3.8.1		Ducted Split Unit, 20 kW cooling capacity Inverter Heat Pump (SABS Approved or Equivalent)	No	2		
3.8.2		Wired Controller	No	2		
3.8.3		Chord for Wired Controller	m	12		
3.8.4		Interface Adapter for Wired Controller	No	2		
3.8.5		Refrigerant piping - Liquid	m	30		
3.8.6		Refrigerant piping - Gas	m	30		
3.8.7		Drain piping ID (Φ 25mm)	m	30		
TOTAL CARRIED FORWARD						

ITEM	REFERENCE	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
TOTAL BROUGHT FORWARD						
		Ventilation				
3.9		Supply and install Inline axial flow fans complete with in lined attenuators, vibration isolation, square to round transformations, supports and electric				
3.9.1	FASF-01	Dia 150mm Inline tube Fresh air Fan 120l/s @ 102 Pa c/w 2 x 1.50 Sound Attenuators with pods and electric box, timer controlled.	No	1		
3.9.2	FASF-02	Dia 200mm Inline tube Fresh air Fan 217l/s @ 102 Pa c/w 2 x 1.50 Sound Attenuators with pods and electric box, timer controlled.	No	1		
3.9.3	FASF-03	Dia 300mm Inline tube Fresh air Fan 300l/s @ 150 Pa c/w 2 x 1.50 Sound Attenuators with pods and electric box, timer controlled.	No	1		
3.9.4	WEF-01	Wall mounted Extract Fan with a duty of 50l/s @ 50 pa c/w inside and outside louvres, outside louver to be weather proof and have a birds barrier, electrical box, timer controlled.	No	1		
3.9.5	EAF-01	Dia 300mm Inline tube Extract air Fan 225l/s @ 150 Pa c/w 2 x 1.50 Sound Attenuators with pods and electric box, timer controlled.	No	3		
3.9.6	WL-01	Weather louver (200 x 200) C/W inspect screen	No	2		
3.9.7	WL-02	Weather louver (300 x 300) C/W inspect screen	No	1		
3.9.8	WL-03	Weather louver (350 x 350) C/W inspect screen	No	4		
3.10		Supply and install Round un-insulated galvanized low pressure ducting below concrete soffits, including support mechanisms.				
3.10.1		Ø500 circular duct	m	21		
3.10.2		Ø400 circular duct	m	16		
3.10.3		Ø350 circular duct	m	9		
3.10.4		Ø300 circular duct	m	14		
3.10.5		Ø250 circular duct	m	35		
3.10.6		Ø200 circular duct	m	32		
3.10.7		Ø150 circular duct	m	9		
3.10.8		Ø100 circular duct	m	9		
3.11		ACCESSORIES				
3.11.1		150mm dia. Extract Air Disc Valves complete with 150mm dia. spigot connection	No	18		
3.11.2		200mm dia. Supply Air Disc Valves complete with 200mm dia. spigot connection	No	8		
3.11.3		250mm dia. Supply Air Disc Valves complete with 250mm dia. spigot connection	No	12		
3.11.4		600 x 1200mm Return Air Grille, Complete with plenum box with filters and connection spigots.	No	6		
3.12		Testing and Commissioning				
3.12.1		Testing and Commissioning of all Installations, and CoC	Sum	1		
TOTAL CARRIED TO SUMMARY						

ITEM	REF	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
4		WET SERVICES				
		Supply, delivery, installation, commissioning and testing of new water supply piping, c/w connections and fittings.				
4.1	SW	Supply, delivery, installation, commissioning and testing of cold/hot water supply system				
4.1.1		Φ15mm PN10 PPR (Polypropylene Random Copolymer) piping for Connection of Hot Water Supply Piping complete with connections, reducers and fittings	m	0		
4.1.2		Φ15mm PN16 PPR (Polypropylene Random Copolymer) Piping for Connection of Cold Water Supply Piping complete with connections, reducers and fittings	m	0		
4.1.3		Φ22mm PN16 PPR (Polypropylene Random Copolymer) Piping for Connection of Hot Water Supply Piping complete with connections, reducers and fittings	m	0		
4.1.4		Φ22mm PN10 PPR (Polypropylene Random Copolymer) Piping for Connection of Cold Water Supply Piping complete with connections, reducers and fittings	m	0		
4.1.5		Φ28mm PN16 PPR (Polypropylene Random Copolymer) Ring Main Piping for Connection of Cold Water Supply Piping complete with connections, reducers and fittings	m	0		
4.1.6		Φ28mm PN 10 PPR (Polypropylene Random Copolymer) Ring Main Piping for Connection of Cold Water Supply Piping complete with connections, reducers and fittings	m	0		
4.2		Supply and installation of copper pipes with fittings chased into the wall				
4.2.1		15mm copper pipe	m	120		
4.2.2		22mm copper pipe	m	80		
4.2.3		28mm copper pipe	m	40		
4.2.4		63mm copper pipe	m	0		
4.3		Ancillaries				
4.3.1		SABS Approved Copper Adjustable Pressure Reducing Valves	Sum	8		
4.3.2		Stop/Gate Valves	Sum	2		
4.3.3		Accessories (Braided Connectors, Elbows, Tees and etc.)	Sum	1		
4.4		Solar Geysers				
4.4.1		150L Indirect Solar Geyser	No	4		
4.4.2		250L Indirect Solar Geyser	No	4		
4.4.3		2.5m² Flat Plate Collector (SABS)	No	8		
4.4.4		Glycol 5L Bottle (food grade)	No	4		
4.4.5		Pipe 22x5.5m 460/0 Copper Tube	No	12		
4.4.6		Insul 7/8x1/2 Insuflex 22x13mmx1.83m	m	60		
4.4.7		Bottom Angle Bracket	No	12		
4.4.8		Consumables	Sum	1		
4.4.9		Parts Kit	Sum	12		
4.4.10		Hydroboil	sum	4		
4.5	TC	Testing and Commissioning				
4.5.1		Testing and Commissioning of all Installations	Sum	1		
TOTAL CARRIED TO SUMMARY						

	REFERENCE	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
5		KITCHEN EQUIPMENT				
5.1		Supply, delivery, installation, comissioning and testing of New Kitchen Equipment.				
5.1.1		Boiling Table Gas - Commercial - 4 Burner Straight	No	1		
5.1.2		Boiling Table Gas - Commercial - 4 Burner Staggered	No	1		
5.1.3		Tilting Pans - Electric	No	1		
5.1.4		3 Pan Gas Fryer (20 Lt Pan)	No	1		
5.1.5		Double Bowl Pot Sink - 1700 X 650 X900Mm	No	1		
5.1.6		Crockery Rack Mobile - F/Standing -1130Mm (1130 X 600 X 1700Mm)	No	1		
5.1.7		Double Bowl Sink - 1700 X 650 X900Mm	No	1		
5.1.8		1700 Tier Dirties Receiving Table	No	1		
5.1.9		4 Tier Pot Rack - Floor Standing	No	1		
5.1.10		Knee Activated Hand Wash Basin	No	1		
5.1.11		6 Division Floor Model Bain Marie No Storage	No	1		
5.1.12		Splashback Table - 1100 X 650 X 900Mm	No	2		
5.1.13		Splashback Table - 1700 X 650 X 900Mm	No	3		
5.1.14		5 Tier Shelving-Galvanized-380Mm	No	18		
5.1.15		Xevc-0511-Ezrm Combi Steam Oven - Unox Cheftop 5	No	1		
5.1.16		Potato Peeler Anvil - 12Kg With Timer	No	1		
5.1.17		Veg Prep Machine - CI52E - (400 Servings)	No	1		
5.1.18		Dunnage Rack - 900X600X300Mm	No	4		
5.1.19		Chest Freezers	No	1		
5.1.20		Coldroom 1.8M X 1.8M	No	1		
5.1.21		Extraction Canopy 2600 X 2250 X600mm Boxed Type Island Canopy.	No	1		
5.2		Testing and Commissioning				
5.2.1		Testing and Commissioning of all Installations, and CoC	Sum	1		
TOTAL CARRIED TO SUMMARY						

ITEM	REFERENCE	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
6		LPG INSTALLATIONS				
6.1		Supply, delivery, installation, comissioning and testing of LPG reticulation, complete with CoC.				
6.1.1		48kg LPG Cylinder	No	6		
6.1.2		4x48kg Gas Cage	No	1		
6.1.3		2x48kg Gas Cage	No	1		
6.1.4		LPG supply Manifold (2 Points), complete with regulator, isolation valves and fittings	No	3		
6.1.5		1/2" Corrugated TracPipe per Meter	m	80		
6.1.6		1/2" Gas Valves	No	15		
6.2		Testing and Commissioning				
6.2.1		Testing and Commissioning of all Installations, and CoC	Sum	1		
TOTAL CARRIED TO SUMMARY						

ITEM	REFERENCE	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
7		FUME CABINETS				
		Supply, delivery, installation and commissioning of fume cabines complets with extraction fans, ducttting, electrical connections and controls.				
7.1	FC01	X-Flo 900 white powdercoated Fume Cabinet, complete with 0.37kW, 230V Single Phase wall/roof munted Fan and ducting.	No	1		
7.2		TEST & COMMISSION				
7.2.1		Test and Commission	Item	1		
TOTAL CARRIED TO SUMMARY						

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

[illegible]

Final Summary

**ADDITIONS AND RENOVATIONS TO
CN LEKALAKE SECONDARY SCHOOL
INDEPENDENT DEVELOPMENT TRUST - NORTH WEST
DOE14NWER012/CON14**

Section No	<u>FINAL SUMMARY</u>	Page No	Amount
1	Section No. 1: Preliminaries and General	33	
2	Section No. 2: Renovations of Existing Buildings	77	
3	Section No. 3: New Building Works	127	
4	Section No. 4: External Works	152	
5	Section No. 5: Provisional Sums	155	
6	Section No. 6: Electrical Installations	156	
7	Section No. 7: Mechanical Installations	157	
	SUB-TOTAL		R
	Allow a factor of 6.50% for contingency allowance to the contract, to be used at the discretion of the Employer and deducted in whole or in part if not required		R
	SUB-TOTAL (Excluding Escalation)		R
	Allow the sum of R 6 500 000.00 (Six Million Five Hundred Thousand) for CPAP (Contract Price Adjustment Provision)		R 6 500 000. 0
	SUB-TOTAL (Excluding CSDG)		R
	Allow a minimum factor of 0.5% for Contract Skills Development Goal (CSDG sum = 0.5% x above sub-total)		R
	SUB-TOTAL (Excluding Value Added Tax)		R
	ADD: Value Added Tax (VAT) calculated at the rate of 15%		R
	Carried to Form of Tender		R

C3 SCOPE OF WORKS

C3.1 Scope of Work

1) DESCRIPTION OF THE WORKS

1.1 Employer's objectives

The scope of works is Additions and Renovations to CN Lekalake Secondary School.

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 either 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

1.2.1 The construction of thirteen (13) new buildings

- 1) Multipurpose Hall
- 2) Guard House
- 3) Refuse Yard
- 4) Administration Block
- 5) Multipurpose Classroom and HoD Office and Ablutions
- 6) Science Laboratory and Library
- 7) Tuck Shop
- 8) Change Rooms
- 9) 4 Classrooms and HoD Office Block
- 10) 4 Classrooms and HoD Office Block
- 11) 4 Classrooms and Ablutions Block
- 12) 4 Classrooms and Ablutions Block
- 13) Caretaker's Room and Storeroom

1.2.2 The renovations and alterations of eight (8) existing buildings

- 1) Administration Block to be converted to Computer Lab
- 2) Cooking Block to be converted to Home Economics
- 3) 4 Classrooms Block to be renovated
- 4) 4 Classrooms Block to be renovated
- 5) 4 Classrooms Block to be renovated
- 6) 4 Classrooms Block to be renovated
- 7) Male Ablutions to be renovated
- 8) Female Ablutions to be renovated

1.2.3 Demolitions of existing small Hall and concrete slabs

1.2.4 Upgrade and new water supply, soil drainage and stormwater management

1.2.5 New pavings to parking and assembly areas

1.2.6 New covered walkways

1.2.7 Security Fencing (ClearVu)

1.2.8 Purchasing of Mobile Classrooms for decanting purposes

1.2.9 Covered Carports

1.2.10 Soccer Field and Combined Courts

1.2.11 Landscaping and Flag Poles

1.2.12 Electrical and Mechanical installations

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 CN LEKALAKE MIDDLE SCHOOL:

The project is located at Unit 5, Mmabatho in Mahikeng Local Municipality, North West Province. Site Coordinates: latitude -25.831335 longitude 27.605136.

1.6 Temporary works

The Contractor shall provide, erect, maintain and remove on completion of the works, a temporary office to be used by Principal Agent when they are onsite and project meetings which should include ablution, parking, eating area, etc. as may be deemed necessary for project use. The location of the Contractor's facilities shall be pre approved by the Principal Agent before site establishment. In his office there must be kept a copy of all working drawings suitably mounted, a copy of the contract documents in a good and orderly condition, the site instruction and site diary books and any specification referred to in the contract documents.

2) ENGINEERING

2.1 Design services

The design responsibility shall be allocate as follows:

Works designed by	Employer
Temporary works	Contractor
Preparation of as-built drawings	Contractor

2.2 Employer's design

The Employer will be responsible for the design of the permanent works unless otherwise stated. The Contractor is responsible for the design of the temporary works and their compatibility with the permanent works.

2.3 Design brief

The Employer and the Employer's design agent will be responsible for the design of the permanent works unless otherwise stated. The Contractor will be required to submit as-built drawings.

- Construction breaks and the extent of individual concrete pours
- Routing of and junctions in all services
- Salient features for the operation and maintenance of services

and to be submitted to the following employer's required format and manner:

- A paper copy complete with approval signatures of the agent/agents bound into the operating instruction manuals

- Tiff format scanned versions of the approved paper copy
- Electronic version of approved drawings on CD in either Caddie.drw or Autocad.dwg formats

2.4 Drawings

The following drawings are applicable to the contract:

Drawing number	Title
---------------------------	--------------

Architectural

Civil

Structural

Electrical

Mechanical

3) PROCUREMENT

3.1 Subcontracting

3.1.1 Scope of mandatory subcontract work

As per the mandatory sub-contracting clause, the Contractor must not sub-contract more than 30%, 10% of which should be allocated to the IDT CDP contractors between 1GB and 4GB (list per cluster will be provided upon appointment).

The Contractor shall without delay enter into contracts with the Domestic Subcontractors as submitted on the returnable schedule and forward a copy of these agreements to the Principal Agent. The Contractor shall remain responsible for providing the subcontracted portion of the works as if the work had not been subcontracted.

The Contractor to take note of item 3.2.2 below

3.1.2 Preferred subcontractors / suppliers

3.1.3 Subcontracting procedures

See items 3.2.1 and 3.2.2 as well as BID data

3.1.4 Attendance on subcontractors

Attendance to Domestic Sub-contractors as stated above should be priced under the relevant items in the Preliminaries section of the bills of quantities. Attendance to nominated sub-contractors should be priced under the relevant items in the Provisional Sums section of the bills of quantities.

3.2 CIDB B.U.I.L.D. Programme

The contractor must comply with the Department of Public Works and Infrastructure General Notice 1779 of 2023 as per Construction Industry Development Board (CIDB) for achieving the standards for delivery skills for infrastructure contracts 31 March 2023.

4) CONSTRUCTION

4.1 Works specification

The works specifications that are applicable to the works are attached to the bid document as well as other recognized specifications obtainable on request from the Employer:

- Applicable SANS 2001 standards
- Applicable national and international standards
- Particular / generic specifications

5) MANAGEMENT

5.1 Management of the works

5.1.1 Planning and programming

The Contractor shall submit within the period stated in the Contract Data a suitable and realistic construction programme for the consideration of the Principal Agent.

5.1.2 Recording of weather

The Contractor shall erect an effective rainfall gauge on the site and record the daily rainfall figures in a book. Such book shall be handed to the employer's representative for his signature no later than 12 days after rain that is considered to justify an extension of time occurs.

5.1.3 Unauthorized persons

The Contractor shall keep unauthorized persons from the works at all times. Under no circumstances may any person except guards be allowed to sleep on the building site.

5.1.4 Key personnel

The Contractor shall submit an organogram indicating all key personnel involved in this contract as well as their telephone or cell phone numbers. This information should be available within 2 (two) weeks after the award of the contract.

5.1.5 Management meetings

The Employer's Representative and the Contractor shall hold meetings relating to the progress of the works at regular intervals and at other such times as may be necessary. The Contractor shall attend all site meetings and shall ensure that all persons under his jurisdiction are notified timeously of all site meetings should the Employer's Representative require their attendance at such meetings.

The Contractor shall keep on site a set of minutes of all site meetings, daily records of resources (people and equipment employed), a site instruction book, a complete set of contract working drawings and a copy of the procurement document and make these available at all reasonable times to all persons concerned with the contract.

5.1.6 Forms for contract administration

All contract administration forms must be in the manner prescribed by the JBCC as well as the scope of work

The Contractor shall be required to submit an updated contractor monthly report during site meetings, which will be used by the consultant to update the client.

5.1.7 Payment certificates

The Contractor to ensure that the VAT invoice required with each certificate is delivered timeously. The date of the certificate will be that of the date when the certificate is received by the consultant.

The Contractor to ensure timeous submission of all required documentation for the expedient processing of payment certificates, as required by the client, eg BAS entity forms, company registration details, VAT clearance certificates, etc. The Contractor is responsible for such documentation submission.

5.1.8 Daily records

The Contractor shall provide an A4 triplicate book to be used as a Daily Diary book for the duration of the contract. The Principal Agent shall retain the original sheet and the Contractor shall retain the first copy of each sheet. The second copy of each completed sheet shall be left in the Daily Diary Book. The diary shall be completed on a daily basis.

In addition to this the Contractor shall provide an A4 size triplicate book to act as a Site Instruction book. The Principal Agent shall retain the original and the Contractor shall retain the first copy of each sheet. The second copy of each completed sheet shall be left in the Site instruction book. Only the Principal Agent and/or delegated representative will have the authority to issue Site Instruction to the Contractor.

5.2 Contract Skills Development Goal (CSDG)

The successful contractor must keep site records regarding the part/full occupational qualification learners', trade qualification learners', work integrated learners' or candidates' (delete that which is not applicable) progress, site attendance, hours worked and other relevant information as required by the Standard.

The successful contractor shall provide the required number of appropriately qualified mentors to the maximum number of part/full occupational qualification learners, trade qualification learners, work integrated learners in the proportion as specified in the Standard.

The successful contractor shall provide a supervisor to manage the training of the part/full occupational qualification learners, trade qualification learners, work integrated learners, candidates (delete that which is not applicable).

The successful contractor shall submit to the employer's representative a baseline training plan in the specified format (Pro-forma A2) for the part/full occupational qualification learners, trade qualification learners, work integrated learners, candidates (delete that which is not applicable) within 30 days of start of the contract.

The successful contractor shall submit to the employer's representative project interim report in the specified format (Pro-forma A3) on the progress of each of part/full occupational qualification learner, trade qualification learner, work integrated learner, candidate (delete that which is not applicable) every three months.

The successful contractor shall submit to the employer's representative the names and particulars in the specified format (Pro-forma A4) of the supervisor, mentors for the part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable) within 30 days of start of the contract.

The successful contractor shall keep a daily record of all the part/full occupational qualification learners, trade qualification learners, work integrated learners, candidates on site and their daily activities and shall be made available to the employer's representative on request.

The successful contractor shall submit to the employer's representative the reports on the progress and status of the part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable) with the monthly invoice for the payment certificate.

The successful contractor shall have health and safety inductions for all part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable).

The successful contractor shall conduct entry and exit medical tests of all part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable).

The successful contractor shall provide personal protective equipment (PPE) to all part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable) at the start of their employment on site.

Annexes

List by title

- A1. List of cidb accredited SDAs
- A2. Baseline training plan
- A3. Project interim report
- A4. Supervisor and / or mentor details
- A5. Project completion report.

5.3 Annexures

ANNEXURE A

ARCHITECTURAL DRAWINGS

ANNEXURE B

CIVIL AND STRUCTURAL DRAWINGS

ANNEXURE C

ELECTRICAL AND MECHANICAL DRAWINGS

C4 SITE INFORMATION

C4.1 Site Information

2) DESCRIPTION OF THE WORKS

1.1 THE SITE

The site is accessible Tawana Cres, Unit, Mmatho, Mahikeng. The central coordinates of the site is latitude -25.831335 longitude 27.605136 with an elevation from mean sea level of about 1126 m.

1.2 WORK AREA

The working area is the area within the boundaries

1.3 ACCESS

The contractor to arrange temporary access to the site.

1.4 GENERAL - Restrictions on site

Whilst there are no known restriction on site, the Contractor is to seek confirmation from the Principal Agent before any site establishment.

ADDENDUM A

Occupational Health and Safety Regulations

GOVERNMENT NOTICE

DEPARTMENT OF LABOUR

No. R.

7 February 2014

OCCUPATIONAL HEALTH AND SAFETY ACT, 1993

CONSTRUCTION REGULATIONS, 2014

The Minister of Labour has under section 43 of the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993), after consultation with the Advisory Council for Occupational Health and Safety, made the regulations in the Schedule.

Contract

BID No: BID No: DOE14NWER012/CON14

Addendum A
Occupational Health and Safety Regulations

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.

Contract

BID No: BID No: DOE14NWER012/CON14

Addendum A
Occupational Health and Safety Regulations

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.

Contract

BID No: BID No: DOE14NWER012/CON14

Addendum A
Occupational Health and Safety Regulations

ADDENDUM B

Occupational Health and Safety Specification

**THE ADDITIONS AND RENOVATIONS TO CN LEKALAKE SECONDARY 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

Contract

BID No: BID No: DOE14NWER012/CON14

Addendum B

Occupational Health and Safety Specification

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

Contract

BID No: BID No: DOE14NWER012/CON14

Addendum B

Occupational Health and Safety Specification

NOTIFICATION OF CONSTRUCTION WORK
(Regulation 3 of the Construction Regulations, 2014)

1. CONTRACTOR

1.1 Name and postal address of Contractor:

1.2 Name and telephone number of Contractor's contact person :

1.3 Contractor's compensation registration number :

1.4 Name and telephone number of Contractor's Construction Supervisor :

1.5 Physical address of the construction site or site office:

1.5 Estimated number of persons on the construction site:

1.6 Estimated number of Subcontractors on the construction site accountable to the Contractor:

2. EMPLOYER

2.1 Name and postal address of Employer :

2.2 Name and telephone number of Employer's Principal Agent:

3. DESIGN CONSULTANTS

3.1 Name and postal address of OHS consultants:

3.1.1 Occupational Health and Safety

To be advised

3.1.2 Other (if any):

3.2 Name and telephone number of design consultant's contact person:

3.2.1 Construction project managers/ Principal Agent:

3.2.2 Architects:

3.2.3 Structural engineer :

3.2.4 Electrical engineer:

3.2.5 Mechanical engineer:

3.2.6 Civil engineer:

3.2.7 Other (if any):

4. THE WORKS

Nature of the works:

Commencement date:

Completion date:

Contractor: _____ Date: _____

Employer: _____ Date: _____

THIS DOCUMENT IS TO BE FORWARDED TO THE OFFICE OF THE DEPARTMENT OF LABOUR **PRIOR TO COMMENCEMENT** OF WORK ON SITE.

ALL CONTRACTORS THAT QUALIFY TO NOTIFY MUST DO SO EVEN IF ANOTHER CONTRACTOR ON THE SITE HAD DONE SO PRIOR TO THE COMMENCEMENT OF WORK.

ADDENDUM C

Environmental Management Plan

TO BE PROVIDED BY THE SUCCESSFUL BIDDER

ADDENDUM I

Drawings

ADDENDUM J

IDT Addendum to the JBCC



ADDENDUM

To the

THE JBCC PRINCIPAL BUILDING AGREEMENT

NAME OF PROJECT: _____

INTRODUCTION

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

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

1. ADDENDUM TO THE MAIN AGREEMENT

1.1 This Agreement will constitute an Addendum to the Main Agreement as contemplated herein;

1.2 The Terms of Reference, Accepted Proposal or BID, Standard Conditions of BID, Special Conditions of BID and adjusted Priced Bills of Quantities shall form part of the agreement between the Contractor and the Employer;

1.3 This Addendum will be deemed to incorporate, with or without variation, all the provisions of the Main Agreement, unless the context clearly requires otherwise;

1.4 All words and phrases used in this Addendum which are defined in the Main Agreement, will bear the same meaning assigned to them in the Main Agreement; and

1.5 All references in the Main Agreement to “the/this Agreement” itself, will be deemed to be references also to the Main Agreement duly amended by this Addendum.

1.6 Interpretations and Definition

1.6.01 **Financial Implications** shall mean the variation amount over and above the awarded contract sum.

2. SPECIAL CONDITION

If there is any conflict between the contents or any part of this Addendum and the contents or any part of the Main Agreement and other annexures, the content of this Addendum shall prevail.

3. WAIVER OF CONTRACTOR'S LIEN

- 3.1 The Contractor hereby waives, in favour of the Employer, any lien or right of retention that is or may be held in respect of the Works to be executed on the Site.
- 3.2 The Employer, as an Organ of State, shall not be required to provide payment guarantees.

4. ASSIGNMENT OF RIGHTS OR OBLIGATIONS

- 4.1 Neither **party** shall assign or cede rights or obligations without the written consent of the other **party**, which consent shall not be unreasonable withheld.
- 4.2 Where the Contractor intend to cedes any right to monies due or to become due under this agreement as security in favour of a financial institution, a written consent in accordance with clause 4.1 above, shall be obtained from the Employer prior to entering into such cession.
- 4.3 Any cession entered into without the necessary written consent from the either party, shall be null and void.
- 4.4 The Employer shall not consent to a cession of monies due or to become due under this agreement as security in favour of a financial institution, unless such financial institution submitted to the IDT a Valid Tax Clearance Certificate, is registered as a credit provider in terms of the National Credit Act and as a vendor in the IDT's Vendor Management System.

5 INTERIM PAYMENT

- 5.1 The **Employer** shall, in accordance with clause 8.2.3 of the treasury regulation of March 2005, pay to the **Contractor** the amount certified in an interim **payment certificate** within **thirty (30) calendar days** of the date of submission of the **payment certificate**".
- 5.2 Default interest, where applicable, shall only be effective after the 30 calendar days of the date of receipt of the interim **payment certificate from the Principal Agent**.
- 5.3 The Employer shall be entitled to apply a set-off against a legitimate and liquid claim against the Contractor from which a valid invoice has been received.

6 TAX COMPLIANCE MEASURES

- 6.1 The Contractor hereby grant confirmation that SARS may, on on-going basis during the contract term, disclose the Contractor's tax compliance status to the employer.
- 6.2 Should the Contractor appoint a sub-contractor to execute a portion of a work in excess of the threshold (currently 25%) prescribed by the National Treasury, the Contractor must ensure that a sub-contractor is tax compliant and remains tax compliant for the full duration of the contract. The contractor shall obtain a written consent from its sub-contractors confirming that SARS may on on-going basis during the contract term, disclose the sub-contractor's tax compliance status to the employer.
- 6.3 The Contractor shall submit a valid tax clearance certificate within 10 working days from the date of expiry of the tax clearance certificate. The Employer reserve the right to demand a valid Tax Clearance Certificate prior to making any payment to the Contractor, should it become aware that the tax clearance corticated has expired.
- 6.4 Unless the Employer receive a written confirmation that the Contractor has challenged its tax compliance status with SARS, the Employer shall not process any payment to the Contractor, if 30 days has lapsed since the written notice by the Employer and the Contractor has failed to remedy its tax compliance status.

- 6.5 Employer's non-payment of the Contractor's invoice in accordance with clause 6.4 above shall not absolve the contractor from performing its obligation in terms of the contract.
- 6.6 Unless the Employer receives a written confirmation that the Contractor or sub-Contractor has challenged its tax compliance status with SARS, the Employer shall be entitled to cancel the contract with the Contractor or instruct the Contractor to cancel its contract with the Sub-Contractor.
- 6.7 Where a Contractor is a JV, each party to a JV must be tax compliant and remains tax compliant for the full duration of the contract, failing which, the Employer shall invoke paragraph 6.4 or 6.6 above.

7. APPROVAL OF VARIATION ORDERS

- 7.1 Upon receipt of the Variation Order (VO), the Principal Agent must professionally consider the merits of the Variation Order and make a recommendation to the Employer.
- 7.2 The Principal Agent shall not have the power to approve any deviation or variation which has financial implications on the Employer without the necessary written approval of the Employer, except under emergency circumstances wherein failure to undertake the work may result in loss of life.
- 7.3 The Employer must communicate the approval of a Variation Order in writing to the Principal Agent and the Principal Agent shall, upon receipt of confirmation of the approval of the VO, issue the necessary Contract Instruction to the contractor to undertake the works.
- 7.4 The Contractor shall not commence with any Variation Order Works without the written approval of the Variation Order from the Employer, except under circumstances mentioned in paragraph 7.2 above.
- 7.5 Should the Contractor undertakes the Variation Order Works without the necessary written approval of the Variation Order from the Employer, the Contractor shall be entirely liable for any financial and any related implications and hereby indemnify

and hold harmless the Employer from and against any and all claims, actions, damages, liabilities, injuries, costs, fees, expenses, or losses, including and without limitation, reasonable attorney's fees and costs of investigation and litigation, whatsoever which may be incurred by, or for which liability may be asserted against, the Employer arising out of the Contractor's performance or non-performance of unauthorized works, but only to the extent caused by the negligent acts, errors or omissions of the Contractor.

- 7.6 The Contractor shall not accept any instructions from any party, including beneficiary Department, other than the Principal Agent.

8. JOINT VENTURE AGREEMENT

- 8.1 Should the Joint Venture Agreement be dissolved or any of the JV partner pull out the JV Agreement for any reasons whatsoever, the Employer hereby reserve its right to terminate the contract with immediate effect.
- 8.2 Should the Employer decide not to terminate the contract upon the dissolution of the JV Agreement and the replacement JV partner does not meet the BBBEE threshold stipulated in the BID document, the IDT shall be entitled to cancel the contract with immediate effect.
- 8.3 Should the BBBEE status of the Joint Venture be changed to a lower rate than the BIDDing rate, based on legislation applicable at the closing date of the
- 8.4 BID, the IDT shall be entitled to cancel the contract.

9. BREACH

9.1 In the event that the contractor: -

9.1.1 commits an act of insolvency; or

9.1.2 is placed under a provisional or final winding-up or judicial management order; or

9.1.3 is placed under or applied for business rescue; or

9.1.4 makes an assignment of more than 25% of either its right and/or its obligation for the benefit of the third party without the written consent of the employer; or

9.1.5 the Contractor is registered or fails to renew his registration with the CIDB or changes directorship during the course of the project, resulting in the contravention of BBBEE statutory requirement; or

9.1.6 fails to satisfy or take steps to have set aside any judgment taken against it within 14 (Fourteen) business days after such judgment has come to its notice,

then the other Employer will be entitled to terminate the Agreement on written notice.

Signed at on this the day of **202.....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:**
..... i
n his/her capacity as
.....,
who hereby confirm that he/she is
duly authorized.