

Tender No: **FTP /24/MN**
FOSKOR-RFP-68-24/25

CONSTRUCTION OF ADMIN BLOCK, OFFICES, AND RECEPTION AT UMKHOMBISI SECONDARY SCHOOL

RFQ no:

Cost Code:

Revision¹: 0.1 see legend at bottom of page

Revised date: 05/02/2025

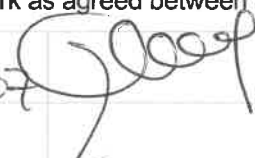
NAME	TITLE	Empl. no	SIGNATURE	DATE
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COMPILED - RECOMMENDATION

N.W Mthembu	Project Learner, Civil	504861		05/02/2025
W. Mhlongo	Project engineer, Civil	501838		05/02/2025

COMPREHENSION AND ACCEPTANCE BY CLIENT

The Client warrants that he/she reviewed the Scope of Works and that this RFQ and related document and that the Scope of Works comply to Production requirements and the outcome of the work as agreed between parties.

Thembile Jobe	Superintendent CSI	500102		05/02/25
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Comments:

APPROVAL TO PROCEED

Ramo Moroeng	Act.Snr. Manager Projects	505219		05-02-24
Sam Mbuyazi	G.M Operations – Acid Division	500441		06/02/2025

¹ Revision Legend:

0.n = Draft,

1= Final version

Thus, first draft = 0.1, second draft = 0.2, etc, and final approved = 1.0

Should the final be revised for whatever reason the revision would be 1.1 etc.



for Official



X2

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Definitions:

For the purpose of this document the following definitions/abbreviations will apply: ~

Foskor - Shall only mean and refer to Foskor (Pty) Ltd.

Tenderer - Shall mean a business company, organization or person who undertakes to conduct such works as described in the Scope of Work section of this document and as submitted by means of return Tender.

Contractor - Shall mean a business company, organization or person who undertakes to conduct such works as described in the Scope of Work section of this document. Unless otherwise specified, the Tenderer and the Contractor will be deemed to be one and the same.

He/His/Himself - Shall also refer to the opposite gender as well or a company of individuals or combination of persons of different genders as applicable to the Tenderer.



Section A: INVITE AND TENDER INSTRUCTIONS

A.1 Invitation to Tender

A.1.1 Tenderers are invited to submit a RFQ in accordance with this RFQ Document.

The Works consists of the **CONSTRUCTION OF ADMIN BLOCK, OFFICES, AND RECEPTION AT UMKHOMBISI SECONDARY SCHOOL**

The RFQ Instructions are to be found in **Section A**.

The Contract Works Forms of RFQ is stipulated in **Section B**.

The detailed Scope of Work and Specifications are to be found in **Section C**.

The Conditions of Contract are stipulated by **Foskor (Pty) Ltd, Procurement Department**.

A.1.2 At the time of tendering, any queries and/or doubts within the scope, specifications or drawings shall be referred to:

Designation

Buyer: Tenders and Contracts

For the attention of

Mphumeleli Ngqulunga

Telephone

035 902 3115

Fax

Cell no

Email

PhumeN@foskor.co.za

A.2 Return of RFQ Documents

A.2.1 One copy of this document, duly completed and signed by the Tenderer, shall be delivered in a plain sealed envelope, distinctly marked as follows:

TENDER

Tender No.

FTP /24/MN

**The Manager Procurement
FOSKOR LIMITED**

Contract Title:

**CONSTRUCTION OF ADMIN BLOCK,
OFFICES, AND RECEPTION AT
UMKHOMBISI SECONDARY SCHOOL**

**21 John Ross Parkway
Richards Bay**

Closing date & time:

A.2.2 Tenders shall be placed in the **Tender Box at Foskor Richards Bay Main Administration Reception** no later than **12h00 noon** on the closing date

A.2.3 A tender sent by fax shall not be accepted.

- In case of Tenderers not being local, and not being in a position to hand deliver tender documents to the above-mentioned location, Tenderers may use an approved document courier for the purpose of delivering the tender document to Foskor (Pty) Ltd. This would be subject to auditable proof of dispatch from the Courier Company (including time and date of dispatch).

- Such proof shall be faxed and confirmed as addressed to Superintendent: Tenders and Contracts, FOSKOR (PTY) LTD, 21 John Ross Parkway, Richards Bay, facsimile number as indicated under item A.1.3 before the closing time and date of the tender.
- Foskor shall take no responsibility for lost courier documents – prior to opening of tenders - and onus rests on Tenderer to keep duplicate of Tender Submission.
- In this case the sealed envelope shall remain addressed as per paragraph A.2.1, and shall be placed in a sealed courier bag with the following street address delivery instructions:

FOSKOR (PTY) LIMITED - (TENDER BOX)
21 John Ross Parkway
Richards Bay
3900

A.2.4 Tenders will not be opened in public and under no circumstances will the price(s) at which any Contract was awarded be divulged to any person.

A.2.5 In the event that the Tenderer did not submit a tender or if his tender was unsuccessful, the Tenderer shall return the Enquiry Document and Drawings within **14 days** to the **Superintendent: Tenders and Contracts**.

A.3 Site Inspection

An official Site inspection shall be held at the **Foskor, Richards Bay** site in order for the Tenderer to fully acquaint himself with prevailing site and works conditions. In so doing you are to ensure that you fully understand the context and extent of the works (refer B.5 – Site Inspection Certificate).

Date of Site Visit

Time of Site Visit

Meeting Venue

From:

To :

Report at Main Security Entrance

Please wear the following protective clothing:

Overalls (Acid Proof),

Hard Hat

Safety Shoes

Safety Glasses

Hearing protection

Gloves

N/A

N/A

YES

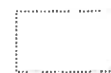
YES

N/A

N/A

IMPORTANT

- Please note that a Safety Induction is **MANDATORY** and all Tenderers to allow for at least **30 minutes** before the Site Meeting start, to complete the induction.
- The Site Visit / Inspection are **COMPULSORY**.



A.4 Examination and Completion of Documents

A.4.1 The Tenderer shall examine all documents forming part of the Tender and submit his tender accordingly. All drawings, addendums, annexures received with the Tender documents must be returned with your company stamp and/or signature, as a comprehensive part of your Tender Submission. Failure to do so may result in disqualification from tender.

Tender in accordance with this format and submit documents as specified below.

A.4.2 The Sections of this document shall not be separated in any way, nor shall any pages be detached therefrom.

A.4.3 The Tenderers submission is to include all Financial and Contractual detail and be signed (by authorized person) and/or company-stamped together with tender submission.

A.4.3.1 Schedule of rates of Costs in detailed Breakdown or Labour Rates for the Works or Breakdown per Bill of Quantities

A.4.3.2 Initial Project Program of Works, Work Methodology, and Cash Flow (structured similarly to payment terms)

A.4.3.3 Schedule of Key Personnel on the Project

A.4.3.4 Schedule of Similar Contracts Undertaken

A.4.3.5 Site Inspection Certificate – signed by Tenderer as proof of attendance

A.5 Contract Documents Priority

The eventual Contract shall comprise the documents as stated in this tender document, your Tender submission by which you agree and the Foskor (Pty) Ltd Terms and Conditions, which shall be interpreted in accordance with the order of priority stated in the said Conditions.

A.6 Alterations by Tenderer

A.6.1 Should the Tenderer propose any departures or modifications from the Conditions of Contract, Specifications, or to qualify his tender in any way, he/she shall set out his/her proposals clearly in the covering letter attached to this Tender with reference to the particular section of the document, failing which the tender will be deemed to be unqualified. Any proposed technical departures from Foskor (Pty) Ltd.'s Requirements or Specifications shall only be considered if submitted in writing together with a detailed motivation for such departures.

A.6.2 The Tenderer shall include in respect of each proposed alteration the following:

- a) Reason for proposed exception.
- b) Suggested re-wording.
- c) Any effect on the tender price.
- c) Any effect on the execution of the scope of supply.
- d) Any effect on Foskor's overall program objectives.

If any of the above information is not supplied, the Tender may be regarded as non-compliant.



A.7 General

- A.7.1 Foskor (Pty) Ltd reserves the right to adjust arithmetical or obvious errors in the Tender. Such adjustments made by Foskor (Pty) Ltd will be communicated to the Tenderer prior to the acceptance of his Tender.
- A.7.2 The Tenderer (whether his Tender is accepted or not) shall treat the details of the Tender as private and confidential and no copies shall be made thereof without the permission of Foskor (Pty) Ltd.
- A.7.3 Foskor (Pty) Ltd is not bound to accept the lowest or any other Tender it may receive, nor to assign a reason for the rejection or acceptance of any Tender, and Foskor (Pty) Ltd has the right, after Tenders are opened, and before a Contract is awarded, to enter into negotiations and discussions with one or more Tenderers short-listed on a price, program or technical basis, with a view to the clarification, improvement or amendment of any particular Tender.
- A.7.4 All Tenderers tender at their own risk and Foskor (Pty) Ltd is not bound to accept any Tender and under no circumstances whatsoever will be responsible for any costs incurred by any Tenderer in compiling or submitting the tender.
- A.7.5 Furthermore, Foskor reserves the right to accept only a part of the Tender, with due communication and agreement of the Tenderer.
- A.7.6 The Tenderer is required to submit a 'bona fide' Tender, intended to be competitive and not to fix or adjust the amount of the Tender by or under or in accordance with any agreement or arrangement with any third party. The Tenderer is also obliged to ensure that it has not and will not at any time before the hour and date for the lodging of this Tender do any of the following acts:
- a) Communicate to any person the amount or approximate amount of the proposed Tender except where the disclosure, in confidence, of the amount of this Tender was necessary for the preparation of the Tender.
 - b) Enter into any agreement or arrangement with any third party that shall disqualify from or that Foskor shall refrain from using.



Section B: FORMS OF TENDER TO BE SUBMITTED

B.1 Schedule of Rates or Summary of Bill of Quantities

	From Bill of Quantities – if applicable or →	qty	x rate =	ZAR	
1.0 SUB TOTALS:					
1.01 PRELIMINARY & GENERAL					A1
1.02 CIVIL WORKS					A2
1.03 ADMIN BLOCK					
Sub Totals Sum (Excluding VAT)					A3
CONTINGENCY SUM 10%					
2.0 Add: VAT		15%			D
3.0 Total Tender Sum (Including VAT)					A4

B1.1 In the event of their being any obvious errors of pricing, extensions or additions in the priced Schedule of Quantities attached, we agree to their being corrected, and the contract amount altered accordingly.

B1.2 We further undertake that this tender cannot be withdrawn or retracted for **90** (ninety) days from the closing date.

B1.3 Notwithstanding that, this tender is submitted by invitation, it is clearly understood and agreed that there is no obligation upon Foskor to accept the lowest or any tender.

B1.4 The tendered prices are fixed and firm for the duration of the contract, and unless otherwise agreed to in writing a **10% Retention** (*held for 12 months, unless otherwise specified*) shall be deducted on all payments made for the Liability Period as defined in B.2. This clause also refers to 'Handover' as specified in **B 2.1**

WE AGREE TO A 10% RETENTION and 12 MONTHS DEFECTS-LIABILITY RETENTION PERIOD.

B1.5 Unless or until a formal agreement is prepared and signed, this tender, shall serve as your written acceptance and constitute a binding contract between Foskor and Yourself.

Amount In Words:

Signed aton.....

Signature
For and on behalf of the Tenderer (duly authorized)

.....
Company Stamp



B.2 Initial Project Program of Works, Work Methodology and Cash Flow

(This is a workable schedule, and the Contractor is in no way obligated to these dates. An obligatory final programme will only be required once the tender is awarded)

Commencement Date (Guide: 6 weeks from tender close date)

Within 20 days from receipt of Purchase order.

Snagging List Date

Reasonable time from the day of the task completion

Completion of Installation Works/ Commissioning (Guide: Project duration)

Reasonable time from receipt of Purchase Order

The Tenderer will be required to work

18h00 to 06h00, 7 days a week (Night shift Only)

(select one of these options)

06h00 to 18h00, 5 days a week and every second weekend

X

24 hours, 12 hour shifts

Defects Liability Period Applicable (Start from Project handover)

12 months

Retention:

10% (refer to B1.4)

TO BE SUBMITTED WITH THIS TENDER

The Tenderer shall submit with this Tender:

- 1 Priced Bill of Quantities
- 2 Minimum CIDB 3GB grading certificate.
- 3 Quality Control Points (QCP).
- 4 Initial program (Bar chart/Gantt chart).
- 5 Record of previous similar contracts undertaken (Section B.4).
- 6 List of valid references.
- 7 Signed site inspection certificate.
- 8 Valid NHBRC certification.
- 9 Task specific Risk Assessment.
- 10 Task specific Method statement.
- 11 OHSE plan.

OTHER IMPORTANT NOTES

- **'Defects Liability Period'** shall be that period in force for Foskop to call upon the Contractor/Consultant to rectify at no cost to Foskop (Pty) Ltd any defects of workmanship, quality or practice; and shall remain in force **in parallel with the Warranty Period** and any other duration agreed to.
- The Tenderer is to list and motivate any deviations in terms of Project Program and/or time allowed and this is subject to approval by the Foskop (Pty) Ltd Engineer.
- It would be expected, in the event of critical work and/or work behind programme/schedule, should such be attributable to the Contractor, to make up the time and work and complete the work at no cost to Foskop (Pty) Ltd.
- The Tenderer shall, within **7 (seven)** days of contract, award submit a final detailed work methodology and program, and the final work methodology shall be verified and approved by Foskop (Pty) Ltd.
- The Tenderer is welcome to propose alternatives work methodology or approach to work, that may be of mutual benefit. This would be submitted in the form of an Alternative (clearly marked), however the Tenderer is **still to submit a tender in the form specified** in this tender.
- The Tenderer shall submit a Work Breakdown Structure (WBS) and compile a programme (use MS Projects or MS Excel to compile the Project Program).
- If the Tenderer is partially or wholly responsible for the design or design drawings according to which construction is specified, any corrections to design/design drawings shall remain for the Tenderers account for a period of 6 months (or as otherwise agreed) after project completion. This is to ensure that poor design or inaccuracy of designs is rectified at no cost to Foskop.

B.2.1 Project Completion and Handover; Warranty

Unless otherwise agreed, Project Completion (handover), shall be deemed to be from date of Foskop issuing a Project Complete/Handover Certificate to the Contractor. This should be expected to be received within seven (7) days from date of receipt by Foskop of the complete Data Pack in its acceptably certifiable form (refer Section C of this document, **Quality Control**). Once the project has reached completion as defined by this scope, onus rests on the Tenderer to request from Foskop a Project Complete/Handover Certificate, which receipt shall define and signify the commencement of Retention Period (if applicable).

B.2.2 Initial Program to be Submitted

The interim and final project completion dates, as indicated in the above table should be used as a guideline for the Tenderer to compile the detail project schedule.

After the contract agreement is accepted (by signature of an agreement or acceptance of a Purchase Order) the dates shall be fixed and shall be applicable to the penalty clause as per agreement.

ATTACH GANT CHART AND/OR BAR CHART TO THIS PAGE



B.2.3 Table with Milestones to be Submitted

Using the critical path items from the program compile related Milestone Dates. Thus, the items/actions/ activities to be met that is critical towards the completion of the project

B.3 Schedule of Key Personnel on the Project

The Tenderer shall:

1. Complete schedule B.6.1 below concerning the Key Personnel on the project, indicating also if the person is employed by the Tenderer, a sub-contractor or temporary employed person.
2. Submit a project organogram showing the relationships and authority.

Key Personnel	Name and Surname	Full/Part Time on site, off-site?	Employed, Sub- Contractor or Temp?	Years Related Experience
Project Manager / Contract Manager				
Site Manager/ Site Supervisor				
Quality Assurance and Control				
OHSE Officer/ Practitioner				

These persons shall not be substituted without prior consultation with and approval from Foskor (Pty) Ltd.

Failure to submit this information at the time of tender could lead to disqualification of the tender.



B.4 Schedule of Similar Contracts Undertaken

Please provide a list of work done on contract of which the Scope of Works that are similar to the one described in this document (or attach references)

Completed Month, Year	Description	Client Name	Contact Person & Details	Value



B.5 Schedule of Labour Rates for the Works

The rates for labour indicated below shall be the Total Cost to the Company (Contractor). It shall include for all the Contractor's profits, overheads, wages, accommodation, travelling, subsistence and other costs relative to the employment by the Contractor of the personnel detailed, and for hand and portable electric or pneumatic tools and consumables normal to the trade of the respective personnel.

However, it will exclude indirect supervision as same are deemed to be included under the costs relating to the Conditions of Contract i.e. non-productive supervisors are deemed to be included in the rate.

The rates detailed herein shall **not** be subject to escalation.

The Contractor's rates per hour are based on a normal **9 hours per day**.

The application and use of these rates shall be at the sole discretion and subject to the prior approval of the Foskor designate representative.

Item No.	Category	Rate per Hour in Rands		
		Normal	Overtime	Sundays and PPH

Tenderer shall provide the rate for each category failure to do so will result into disqualification.



B.6 Schedule of Equipment for the Works

The Contractor must list below all the items of major equipment, which he guarantees will be provided on site in perfect working order to complete the work. The lists of items of equipment shall provide the Contractor's warranty of ownership of such equipment unless specifically endorsed in this Annexure to the contrary as "hired" or "hire purchase equipment."

The rates for Equipment detailed below shall include all overheads, profits, and maintenance and running costs including the provision of drivers/operators where necessary.

Contractor's rates per day are based on **9 hours per day**.

The rates detailed herein shall not be subject to escalation. No payment in respect of standing time shall be paid for items of equipment not listed below.

This Schedule must be accurately completed. Phrases such as "adequate equipment will be provided" will not be accepted. The application and use of these rates shall be at the sole discretion and subject to the prior approval of the Engineer.

Item	Description	Rate/hr	Rate/Day	Standing Time/Hour

Tenderer shall provide the rate for each equipment failure to do so will result into disqualification.



B.7 Site Inspection Certificate – To be signed by Tenderer

This is to **CERTIFY**, that we
(Name (in CAPITAL LETTERS) (Referred to on the Form as "We"))

representing and being duly authorized by:

.....
(Name of Company and Address) (Referred to on the Form as "We")

1. Visited the Umkhombisi Secondary School

SITE on (date);

- 2. Received the TENDER Documents (including all attachments and subsequent correspondence related to this tender);**
- 3. Carefully examined the SITE and made ourselves familiar with all local conditions likely to influence the WORKS and the cost thereof.**

We further **CERTIFY** that we are satisfied with the description of the **WORKS** and explanations given by Foskor (Pty) Ltd and that we fully understand the nature of this **TENDER**.

I/We are,

Yours faithfully

SIGNATURE: _____

ON BEHALF OF: _____

DATE: _____

AS WITNESS: _____

(FOSKOR Project Leader)



B.8 RECORDING OF WEATHER AND ABNORMAL RAINFALL

If during the time for completion of the works or any extension thereof abnormal rainfall or wet conditions shall occur, then an extension of time in accordance hereof shall be granted by the Employer calculated in accordance with the formula given below for each calendar month or part thereof.

$$V = (Nw - Nn) + ((Rw - Rn)/X)$$

V	Extension of time in calendar days in respect of the calendar month under consideration.
Nw	Actual number of days during the calendar month on which a rainfall of Y mm or more has been recorded.
Nn	Average number of days, as derived from existing rainfall records, on which a rainfall of Y mm or more has been recorded for the calendar month.
Rw	Actual rainfall in mm recorded for the calendar month under consideration.

For purposes of the contract Nn, Rn, X and Y shall have those values assigned to them in the Contract Data and/or the Specification. The total extension of time shall be the algebraic sum of all monthly totals for the period under consideration, but if the total is negative the time for completion shall not be reduced due to subnormal rainfall. Extensions of time for part of a month to be calculated using pro rata values of Nn and Rn. This formula does not take account of flood damage that could cause further or concurrent delays and will be treated separately as far as extension of time is concerned.

The factor (Nw-Nn) shall be considered to represent a fair allowance for variations from the average number of days during which rainfall exceeds Y mm. The factor (Rw-Rn)/X shall be considered to represent a fair allowance for variations from the average in the number of days during which the rainfall did not exceed Y mm but wet conditions prevented or disrupted work.

The following average rainfall figures are applicable: INFORMATION SOURCE: South African Weather Service Pretoria, Tel.: 082 233 8484

Y = 10 mm/24 hour day; X = 20 mm



STATISTICAL INFORMATION (RICHARDS BAY) STATION: LATEST

Month	RAINFALL	
	Nn = Average number of days during the calendar months in which a rainfall of more than Y-mm has been received	Rn = Average monthly rainfall
January	7	98
February	6	68
March	5	48
April	3	23
May	1	10
June	1	4
July	1	6
August	1	5
September	2	12
October	3	27
November	7	66
December	6	96
Total	43	457

The Contractor shall be permitted to take his own rainfall measurements on site subject to the Engineer's approval, but access to the measuring gauge(s) shall be under the Engineer's control. The Contractor is to provide and install all the necessary equipment for accurately measuring the rainfall as well as to provide, erect and maintain a security fence plus gate, padlock and keys at each measuring station, all at his own cost.

Name of Tenderer: _____

Signed by or on behalf of Tenderer: _____

Date: _____

Section C: SCOPE OF WORKS**C.1. Background, Present Situation and Proposed Solution****C.1.1 Background**

Mkhombisi High School has been in existence for more than 35 years, and it is situated in the rural outskirts of Empangeni. The school has over 700 learners, where 80+ are sharing one class with a minimum infrastructure that is necessary for a good educational build up for students. There are 18 teachers using 3 classrooms as offices/ staff rooms as they don't have staff rooms where they can prepare and complete their daily work. Despite all the difficulties this school has maintained their pass rate of 87% for consecutive five years.

C.1.2 Present Situation

As part of Community Social Investment (CSI) initiative, Foskor Acid division in Richards Bay has identified Mkhombisi Secondary School as a suitable beneficiary in the 2023/24 financial year CSI programme. The school has expressed the need to build a new HOD offices, staffroom office and science lab.

The school is located in rural area and is the only local school that majors in Math and science which has resulted to classes being packed with learners. The school utilizes 3x No. off classrooms for administration, staffroom as well as a library and bookstore. Therefore, the request is for Foskor to adopt and sponsor the project of upgrading the school by providing HOD offices, staffroom and science lab so that the classrooms that are currently occupied by staff members can be made available for learners. HOD offices and staffroom must have capacity to accommodate school principal, head of departments and the rest of the staff members respectively. Science lab is important in exposing learners to do experiments especially in disadvantaged communities.

C.1.3 Proposed Solution: Reason for this Tender

The reason for this tender is to procure a competent and well experienced service provider to execute the construction of New Admin, Offices, and Reception Block at Umkhombisi Secondary School.



C.2. Legislation, Standards and Codes of Practice

The following SANS specifications are also referred to in this document and the Contractor is advised to obtain them from Standards South Africa (a division of SANS) in Pretoria.

Latest revisions or amendments of the listed codes and specification are applicable to this contract:

Number	Title / Description	Revision
COP6	Control Of Construction Work	Latest
Act 85 of 1993	Occupational Health and Safety (OHS Act)	Latest
S28 NEMA (1998)	Duty and care of environmental degradation	Latest
SANS10400	The application of the national building regulations	Latest
SANS 10142	The wiring of premises	Latest
SANS 1200 A	GENERAL	Latest
SANS 1200 DA	EARTHWORKS (SMALL WORKS)	Latest
SANS 1200 GA	CONCRETE (SMALL WORKS)	Latest
SANS 1200 LB	BEDDING (PIPES)	Latest
SANS 1200 LD	SEWERS	Latest
SANS 1200 LE	STORMWATER DRAINAGE	Latest
SANS 1200 M	ROADS GENERAL	Latest
SANS 1200 ME	SUBBASE	Latest
SANS 1200 MF	BASE	Latest
SANS 1200 MJ	SEGMENTAL PAVING	Latest
SANS 1200 MK	KERBING AND CHANNELING	Latest
SANS 1200 MM	ANCILLARY ROADWORKS	Latest

All work listed in this scope of work shall be completed in accordance with the specifications and codes as listed above. It is the responsibility of the Tenderer to be in possession of the latest standards and codes as listed above in the execution of this project.

C.3. Foskor Specifications

All work listed in this scope of work shall be completed in accordance with the specifications listed below.

Those specifically applicable to this Tender is **marked with “YES”**, however it does not exclude other specification listed or implied, and it remains the Tenderer's responsibility to ensure that work execution and tender prepared is in line and meets the requirements of all standards indicated or not.

Number	Title / Description	Version	Applicable
OTHER	STANDARDS on this Tender		
APPLICABLE	FOSKOR SPECIFICATION on this Tender		
E003	Industrial Electrical Installations	Latest	
EC1	Installation, Testing and Commissioning of Electrical Equipment	Latest	
FC005	General Earth Works to Plant and Building	Latest	
FD001	Design Criteria for Structures	Latest	Yes
FG001	General Requirements for Projects	Latest	Yes
FL001	Design & Fabrication Criteria for Ladders & Walkways	Latest	
FM001	General Mechanical Specification	Latest	
FM003	Welding of Fabricated Equipment	Latest	
FQ001	General Engineering Quality Requirements	Latest	Yes
FS 001	Specification for the Fabrication & Erection of Structural Steel Work	Latest	
GM5	Pipe Standards Including Auxiliary Equipment	Latest	
GM6/COP9	Engineering Drawing and Document requirements	Latest	
GQ1	Quality Control Procedure for Contractors	Latest	Yes
GS1	Structural Steelwork and Plate Work Fabrication and Erection	Latest	
MC001	Corrosion Protection Colour Coding	Latest	
MC004	General Plant Painting Specification Low Temperature	Latest	
MC006	Repair/Touch-up of Damaged Steelwork	Latest	
MC009	General Plant Protection High Corrosive Areas	Latest	
SS-000000-C-006	General specification for concrete construction	Latest	Yes
SS-000000-C-007	Concrete specification	Latest	Yes
SS-000000-C-012	Grouting	Latest	Yes
SS-000000-Q-001	General quality requirements	Latest	Yes
SS-000000-S-001	Fabrication and erection of structural steelwork	Latest	
DD-000000-C-001	Civil design criteria	Latest	Yes
DD-000000-S-001	Structural design criteria	Latest	Yes



It is the responsibility of the Tenderer to be in possession of the latest specifications as listed above or implied in the execution of this project.

The Contractor is referred to the Specification mentioned for full descriptions of materials and methods referred to in these Bills of Quantities/Lump Sum documents, insofar as they apply.

The Contractor is advised to study the referred to specification before pricing Bills of Quantities/Lump Sum documents.

No claim whatsoever will be allowed in respect of errors in pricing due to brevity of description of items in the Bills of Quantities/Lump Sum documents which are fully described when read in conjunction with the relevant Preambles and/or Specifications.

Suppliers of materials and the like, whose quality systems apply with one or more of the SABS/SANS ISO 9000 Series should be used whenever possible in the absence of a particular SABS/SANS Specification Standard Mark.

The Contractor is hereby informed that where SABS/SANS Specifications are referred to in these Bills of Quantities/Lump Sums documents and Specifications thereto, then **ONLY** the Specification of Work Clauses will apply. The method of measurement and payment clauses will **NOT** apply to this Contract.



C.4. Project Requirements

The main works is of General Building and Civil Construction Works and requires the supply of all (including but not limited to):

- Materials;
- Specifications;
- Labour;
- Tools;
- Consumables;
- Transport;

The Contractor shall further ensure that all work is executed with a detailed quantity of work and/or design detail is provided and complies with the specifications as set out in this document.

C.5. Plant Data

All work listed in the document will be constructed for installation at **UMKHOMBISI SECONDARY SCHOOL, NTAMBANANA**

C.6. Drawings and/or Equipment Manuals

The following drawing, data and/or manuals remain the property of Foskor (Pty) Ltd and shall be returned to Foskor (Pty) Ltd on completion of the work.

Drawing No.	Title / Description	Revision
NGEJA-1230-02-05-001	Locality plan	0
NGEJA-1230-02-05-002	Roof and admin block sectional view detail	0
NGEJA-1230-02-05-003	Concept Admin detail	0
NGEJA-1230-02-05-004	Door Schedule and Specification	0
NGEJA-1230-02-05-005	Window and Door Frame Specifications	0
NGEJA-1230-02-05-006	Admin Block Foundation Layout detail	0
NGEJA-1230-02-05-007	Roof, Floor & Furniture Layout	0
NGEJA-1230-02-05-008	Ground Floor Layout	0

All work listed in this Scope of Work shall be completed in accordance with the latest copies of drawings/specifications as listed above. It is the responsibility of the Tenderer to ensure that the Tenderer has the latest copies of drawings/specifications as listed above for the execution of this project.

On completion of the project the Contractor must certify all documentation and drawings for correctness and conformance, specifying which standards and regulatory acts these conform to.



C.7 Scope of Work - General

The scope of work calls for a suitably competent contractor and includes for the following:

The Contractor to supply as per the scope of work specification and which includes but not limited to: site establishment and de-establishment, procurement, and construction. The supply of any equipment/material that is suggested by the Contractor must be approved by Foskor.

The contractor to provide with his tender method of repairs and work program that will be within the project specification and the provisioned quantities for construction. The period of construction covers the handover to the successful supplier and the commissioning of the temporary works. No delays shall be entertained.

All specialized equipment/material shall be installed as per recommendation by the manufacturer of the supplied material/equipment. Any deviations from Manufacturer recommendations must be suitably justified.

All completed work will be inspected and approved by a Foskor representative. The Contractor shall ensure that all 'acceptance approvals' are received from Foskor (Pty) Ltd before proceeding to the next stage.

After completion of construction work, the Contractor must allow for practical completion inspection with Foskor (Pty) Limited and the nominated Contractor.

The Work calls for the successful contractor as required by the scope of work.

The project to be undertaken in terms of the latest revisions and amendments of all relevant legislation, standards, and Codes of Practices. The Contractor will complete the Works in accordance with all statutory obligations, municipal regulations, and all other relevant requirements. The Contractor is specifically reminded of the requirements in terms of the Occupation Health and Safety Act, Act 85 of 1993 and latest amendments in terms of this project.

The design, selection, and supply of all equipment to be supplied by the Contractor shall be approved by Foskor.

All work carried out shall be in accordance with the Installation recommended or specified by the manufacturer of the supplied material.

C.7.1 Scope of Work - Extent

The Contractor understands and shall fully satisfy the scope of required services, as described in the tender **FTP /24/MN** handed out at the site inspection held on (date) _____, which is generalized as follows:

- Site establishment and removal of establishment on completion.
- Complying with relevant health and safety regulations.
- Execution, supervision, and management of contract.



C.7.1.1 Construction of Admin Block, Offices, and Reception at Umkhombisi Secondary School**Construction execution**

- a) Make adequate provision for OHSE controls and maintenance thereof for the duration of construction.
- b) Comply with engineer's project specification and construction drawings.
- c) Comply with Foskor form of tender.
- d) Adhere to engineer's site instructions.
 - Establishment on site and clearing and grubbing.
 - Clearing and Grubbing
 - Topsoil Stripping.
 - Excavations
 - Stabilization of foundation layers
 - Pouring of Concrete to foundation structures and aprons, borehole platforms.
 - Construction of all Brickwork required sub and super structure.
 - Installation of truss roof complete with iron sheeting insulated.
 - Services protection and installation of plumbing lines.
 - Electrical works (installation of DB box and all electrical linings and piping)
 - Drilling and installation of a pump for borehole with capacity of 41.1m³/day.
 - Stockpiling existing material
 - Finishing and cleaning.
 - Continuous quality control over materials and workmanship, and compliance with the Particular Specifications with regard to environmental management and occupational health and safety, during all the above construction activities.
 - Removal of all site establishment facilities and construction plant on completion of the Works.
 - Making good of any defects during the Defects Liability Period.
 - Undertaking maintenance work during the defect liability period

C.7.3.1 Services to be produced by a supplier

Service provider will have to use a SANAS accredited laboratory, approved by a Foskor representative. The following test are compulsory; however, should the service provider require other non-destructive tests approval prior to conducting those tests should be obtained from a representative at Foskor.

- a) Compaction Test
- b) Concrete Strength Test (concrete cube test)
- c) Electrical installation and earthing test



C.7.1.2 Included Work

This contract provides for the Contractor to fulfil the following functions:

- a) The maintenance of records and accurate measurements of the works for certification by the Employer.
- b) The supply and application of all safety procedures, equipment, and personal protective equipment applicable to the works.
- c) The supply of all plant, equipment, materials, transport, labour, incidentals, fuels etc. and supervision to carry out the works.
- d) The construction, quality control testing and maintaining a quality control system.
- e) Supervision of erection of the contract works, i.e., offloading from transport, safe storage, handling to situation, installing, setting to work, testing, maintaining prior to the practice completion date and all other work incidental thereto.

Until otherwise notified, Foskor (Pty) Ltd Foskor representatives, and they are authorized to give instruction and to provide information to you on Foskor's behalf.

1. It is preferred that the supplier submit contact details for a designated 'point of contact' person who will be authorized to receive information and act on supplier's behalf.
2. Supplier's Health & Safety Representative will deal with all matters relating to the Health & Safety specifications and Construction Regulations relating to this assignment.
3. A pre-requisite of this contract is that the supplier confirms that he shall carry the necessary professional/construction indemnity insurance cover to the extent of the liabilities contemplated.
4. The Tenderer should determine the work methodology and approach. However, it is imperative that the outcome of the works meets all the criteria related to this project.

C.7.2 Site Conditions

It will be imperative for the successful Tenderer to liaise with **the school's** designated project leader for access to ensure safety for the school personnel and the public.

As it will be deemed that the prevailing conditions have been considered when tendering, no claims for extras arising from failure to observe all site conditions will be admitted.



C.7.3 Services which are known to exist on the site

The following services exist on the site:

- Over-head electrical power lines.

C.7.3.1 Foskor Supplied Services

Foskor (Pty) Ltd shall be responsible for:		Applicable:
1	Supply a copy of the relevant Foskor Procedure Specification(s).	N/A
2	Supply a copy of reference drawings if required.	refer C.6
4	Provide access to electricity connection points Any connection and consumption will be monitored by Tenderer and verified by Foskor on defined intervals (usually at the beginning and end of contract)	N/A
5	Provide access to potable water Connection and consumption would need to be monitored by Successful Tenderer (Contractor) and verified by Foskor on intervals (usually at the beginning and end of contract) defined by Foskor	N/A
6	Provide a suitable area for site establishment for Successful Tenderer (Contractor). - Successful Tenderer to formally in writing motivate, request and define the area and services it deems necessary for site establishment. - Foskor will at its own discretion (if request is approved) allocate a site establishment area, however Foskor can should it deem necessary retract or re-define its approval by giving reasonable notice to the successful Tenderer	On Request
7	Provide access to ablutions facilities. (not change rooms) - Successful Tenderer (Contractor)'s workers to be fully dressed in required PPE when coming on site. - The successful Tenderer to ensure that its workers/subcontractors/ supplier that are making use of facilities, do so in an orderly and well-mannered way. - Successful Tenderer is not allowed to make use of Foskor's change room or tearoom facilities unless agreed to in writing. - The successful Tenderer might be called on to assist with the maintenance and cleaning of ablutions, should Foskor at its discretion be of the opinion that it be necessary. Cost associated with such cannot be claimed from Foskor (Pty) Ltd.	N/A
8	Assist in issuing of work clearances and HIRA certificates.	N/A



C.7.3.2 Successful Tenderer (Contractor) Responsibilities

The successful Tenderer (Contractor) shall be responsible for (inter alia):		Applicable:
1	Supply of own labour, supervision, equipment, specialized manpower and other staff to fulfill the scope of work.	YES
2	Supply suitable (approved) Personal Protective Equipment (PPE)	YES
3	To ensure that all work is reviewed by designated Foskor (Pty) Ltd representative at all stages and/or agreed milestones of the project. All work completed needs to be inspected and approved by the designated Foskor representative (e.g. Consulting Engineer/Project Supervisor, etc.)	YES
4	After installation/construction and commissioning the successful Tenderer shall conduct final inspection of all work together with designated Foskor (Pty) Ltd representative to compile SNAG list.	YES
5	To ensure that all acceptance approvals as per the Quality Control Policy (QCP) are received before work is finally handed over.	YES

Note that concerning above:

- i. No claims towards losses will be accommodated.
- ii. All items that the Successful Tenderer will bring to **the construction site**, will be subjected to review and approval by Foskor (Pty) Ltd and shall conform to Foskor procedures.

C.7.4 Certification by Recognized Bodies

Only Tenderers registered with the relevant Board (e.g. CIDB, NHBRC, etc.) of South Africa in accordance with the Regulations of the Occupational Health and Safety Act will be accepted and permitted to do work under this contract.

C.7.5 Requirement for the termination, diversion, or maintenance of existing services

Only Applies if/where electrical conductors, pipe conduits, electrical transmitters, ducting, or ventilation services are affected. Unless identified as part of the scope, the Contractor must immediately bring to **Foskor's representative** attention any previously unspecified or obstructing services existing in his area of work without terminating/diverting/hindering such services.



C.7.6 Nominated Sub-Tenderers

Should the tenderer anticipate using Subcontractors for any part of the scope, these must be specified below.

The following Sub-Tenderers are nominated:

Contractor	Concerning Works	Contact

C.7.7 Invoicing and Payment

Payment will be made by Foskor (Pty) Ltd, after approval (with consideration for the construction, completion and defects corrections of the Works) by the Foskor (Pty) Ltd's Project Representative (i.e. Engineer, Project Supervisor) of the submitted Payment Certificate to the Tenderer within **30 (thirty)** days from the date of the Tenderers approved statement.

The invoice shall be approved in accordance with the provisions of Foskor (Pty) Ltd.'s terms and conditions.

The invoice submitted is to be in a format acceptable to the Foskor (Pty) Ltd's Project Representative and need to contain the following minimum information:

- Company details, registration no and VAT registration no,
- Purchase Order no & Date of Invoice,
- Copy of Purchase Order,
- Detail description of work done to date,
- Value of the current claim and work done (excl. VAT),
- VAT charged.

C.7.8 Standing Time

Standing time is defined as a period measured in hours, when the Contractor's normal operational cycle is affected by causes caused by Foskor (Pty) Ltd and results in normal stoppage or major disruption to the regular progress of the Works.

Payment to the Contractor for standing time will be certified only where, in Foskor (Pty) Ltd's opinion, the delay was clearly beyond the reasonable control of the Contractor and the Contractor further took all reasonable measures to avoid or reduce such delay and such delay imposed direct costs to the Contractor.



C.7.9 Progress of Works

Should Foskop (Pty) Ltd at any time be of the opinion that the rate of progress of the Works or any part thereof is too slow to ensure the completion of the Works or any part thereof by the Completion Date, Foskop (Pty) Ltd shall so notify the Contractor in writing, with specific reference to this Clause, and the Contractor shall thereupon, subject to the approval of Foskop (Pty) Ltd take such steps as are necessary to expedite progress so as to complete the Works or the said part thereof by the Due Completion Date.

C.7.10 Penalty

If the Contractor, by the Due Completion Date, fails to complete the Works to the extent which entitles him to receive a Certificate of Practical Completion, the Contractor shall be liable to Foskop (Pty) Ltd for an amount of **0.1% for every Calendar Day that the works is late or such portion of the contract price as is associated with that part of the Works.**

The imposing of such penalty shall not relieve the Contractor from the obligation to complete the Works or from his obligations and liabilities under the Contract.

C.7.11 Claims: Extension of Time for Completion, Additional Payments or Compensation

C.7.11.1 Claims Procedure

The following provisions shall apply:

- i. Claims are to be submitted in writing within **7 days** after the circumstances, event, act or omission giving rise to such claim has arisen or occurred to the Foskop (Pty) Ltd Project Representative
- ii. Submit **written notice** to the Foskop (Pty) Ltd Project Representative of the intention to claim within **7 days** after the circumstances, event, act or omission giving rise to such claim has arisen or occurred. The Notice and subsequent claim to set out:
 - a. Particulars of the circumstance, event, act or omission giving rise to the claim concerned.
 - b. Provisions of the portion of the contract on which he intends to make the claim.
 - c. Length of extension of time, if any, claimed and the basis of calculation thereof, and
 - d. The Price Adjustment, if any, claimed and the basis of calculation thereof.
- iii. If the Contractor cannot reasonably comply with any of the provision above within the said period 14 days, he shall:
 - a. Notify the Foskop (Pty) Ltd Project Representative in writing of his intention to make the claim and comply with such requirements as he reasonably can.
 - b. Deliver additional information in writing that is reasonably required by Foskop (Pty) Ltd; and
 - c. Comply as soon as practical with such requirements as described above in this clause, within a time agreed to by the Foskop (Pty) Ltd Project Representative.
- iv. In the event of failure to comply to any of the provisions, the claim would not be accommodated and Foskop (Pty) Ltd would be discharged of all liability in connection with the claim.



C.7.11.2 Extension of Time for Completion

The whole works shall be completed within the time agreed upon.

If any circumstances of any kind whatsoever may occur and as such, fairly entitle the Contractor to any extension of time for the completion of the works or portion thereof, then the Foskor (Pty) Ltd Project Representative will consider a claim duly submitted.

C.7.12 Cancellation of the Contract by Foskor (Pty) Ltd

If:

- (a)
 - (i) The estate of the Contractor shall be sequestered (provisionally or finally), or
 - (ii) The Contractor shall publish a notice of surrender of his estate as insolvent, or
 - (iii) The Contractor, being a company or a close corporation, shall go into liquidation (provisionally or finally), or
 - (iv) The Contractor shall assign the Contract without the consent in writing of Foskor (Pty) Ltd having first been obtained, or
 - (v) The Contractor shall enter into a compromise with the general body of his creditors, or
 - (vi) The Contractor shall have an execution levied on his goods, or
- (b) the Foskor (Pty) Ltd Project Representative shall certify in writing to Foskor (Pty) Ltd, and to the Contractor/Consultant, with specific reference to this Clause, that in his opinion the Contractor/Consultant:
 - (i) has abandoned or repudiated the Contract, or
 - (ii) has, without reasonable excuse, failed to commence the Works in terms of the time allowed and agreed to, or
 - (iii) has suspended the progress of the Works without due cause, or
 - (iv) has failed to proceed with the Works with due diligence, or
 - (vi) is not executing the Works in accordance with the Contract, or
 - (vii) has, without the approval of the Foskor (Pty) Ltd Project Representative, subcontracted any part of the Contract, or
 - (viii) has failed to provide the Surety ship, Professional Indemnity within the time stipulated and for 14 days after receiving a written notice from the Foskor (Pty) Ltd Project Representative, referring specifically to the default concerned and to this Clause, failed to remedy the default,

Foskor (Pty) Ltd may, by written notice to the Contractor, terminate the Contract and withhold any payments due until further notice.



C.7.13 Urgent remedial work

All designs changes or remedial action must be communicated to the Foskor Engineer, or the authorized Foskor Designate. Approval of such must be sought and received as early as not to impose undue costs and delays. Should there however be remedial work necessary, the Contractor shall, upon approval from the Foskor Engineer/Designate, effect these with care, accuracy and speed, so as not to impose undue extension of time and /or cost.

If any work as done by Foskor (Pty) Ltd is work which the Contractor was liable to do at his own expense under the Contract, all costs incurred by Foskor (Pty) Ltd in so doing shall be determined by Foskor (Pty) Ltd or its agent and shall on demand be paid by the Contractor to Foskor (Pty) Ltd.

C.8. Foskor Safety Documents to be submitted, Environmental and Site Management**C.8.1 SHEQ Requirements**

The successful Tenderer will be required to comply and ensure continuous compliance with construction industry standards and national regulations:

- Compliance with COP6 (Contractor Management).
- Compliance and signing of Section 37(2) Agreement in terms of the OHS Act at the Foskor (Pty) Ltd Safety Department.
- Compliance with Legislation requirements which includes the OHS Act, NEMA (National Environment Management Act) and other relevant applicable Legislation.
- A safety plan for the work to be done by the contractor.
- The contractor must appoint a qualified Safety Officer with at least Diploma in Safety Management or SAMTRAC or both either on a full time or part-time basis to conduct the following responsibilities:
 - Conducts and submit audits monthly.
 - Conduct and submit inspections monthly.
 - Compile and submit safety monthly report to Safety/Projects Department.
 - Conduct safety, health and environmental talks and awareness training and submit evidence to Foskor project leader.
 - Visibility on Site.
 - Conduct inspections on PPE and provide evidence to Foskor project leader.
 - Continuously update Safety File.
- A contractor to submit a comprehensive task-based risk assessment as well as the Site risk assessment, with responsible persons actions and method statements.
- A contractor to appoint a full-time Supervisor as well as assistant site supervisor to manage all the activities of his/her employer.

NB

A contractor that has been awarded work must register with **HSEC Online**, which is a contractor management system for Foskor Acid Division where all contractors are required to submit their safety files.



C.8.2 Environmental Management Specifications

In order to ensure that the construction works is designed for an environmentally sensitive area, strict compliance to the Environmental Management Plan (EMP) guidelines may be requested after appointment of the contractor.

The EMP shall be part of the terms of reference for all contractors/consultants, sub-contractors/consultants, and suppliers.

All SDS's to be submitted to Foskor (Pty) Ltd.

C.9 OHSA 1993 Health and Safety Specification

This specification covers the health and safety requirements to be met by the successful Tenderer (Contractor) to ensure a continued safe and healthy environment for all workers, employees and subcontractors/consultants and for all other persons entering the site of works.

This specification shall be read with the Occupational Health and Safety Act (Act No 85 and amendment Act No 181) 1993, and the corresponding Construction Regulations 2003, and all other safety codes and specifications referred to in the said Construction regulations.

C.9.1. Health and Safety Induction

The successful Tenderer (Contractor) shall ensure that all employees under his control, including the subcontractors/consultants and their employees, undergo a site-specific health and safety induction training course before entering site.

- a. The Contractor on entering site, must wear minimum required PPE at all times namely overalls, safety harnesses (on heights), safety boots or steel cap gumboots, and ear, eye and head protection. Should a Contractor be found on site without the above-mentioned safety clothing, he will be removed from site and will not be allowed to return.
- b. The Contractor shall demarcate the relevant work area to prevent unauthorized access to the construction site. All excavation to be barricaded by hard barricade to prevent unauthorized access. The Contractor shall supply and erect an appropriate name board with all relevant information and contact details at the work area.
- c. The job risk assessment shall be carried out at the start of each day (Mini risk assessment). This risk assessment shall cover all activities planned for the day. The records of daily risk assessment shall be submitted and review by Foskor engineer at the end of each week.
- d. The Contractor must take safety precautions when working on site and construction site must be access control.
- e. The Contractor must remove all their equipment within 48 hours after project completion/closure.
- f. A complete safety file to be submitted to Foskor (Pty) Ltd Safety Department before any work commences.
- g. The Contactor's vehicle when entering the site must have distinct identification/company logo with audibles reverse hooter siren.
- h. **The Contractor and their employees must undergo a basic fit-to-work medical.**
- i. No access to elevated platforms, roof and scaffolding will be allowed during rainy days.
- j. Notification of construction work to Department of employment and labour, a signed dated and stamped copy to be submitted to safety/project Department



MANDATORY AS ENVISAGED BY SECTION 37(2) OF THE ACT

By the submission of a tender, any tenderer will, if awarded the contract to which this tender document relates, be deemed to be the mandatory as envisaged by Section 37 (2) of the Act.

As a mandatory the successful tenderer will be deemed to be the "principal contractor" and an employer in his/her/their own right with duties as prescribed in the Act and accordingly will be deemed to have agreed to be solely responsible for ensuring that in connection with the service to which this tender document relates, all work will be performed in accordance with the Act.

It is further noted that: -

- a) The Contractor shall comply with all Construction Regulations and Safety Standards.
- b) The Contractor shall fully comply with the OHS Act (Act 85 of 1993).
- c) The Contractor shall fully comply with Covid-19 compliance as part of Section 37(2) of the Act.

IMPORTANT NOTE

The above is a summary of some of the matters as defined in the Act. The successful Tenderer (Contractor) is required and advised in his own interest to make a careful study of the Act and the Construction regulations.

Ignorance of the Act and the Regulations will not be accepted in any proceedings as a valid reason if non-conformance to the Act and the Regulations are committed.

C.10. Applicable General Conditions of Contract

Unless expressly otherwise indicated, Foskor General Conditions of Contract and the JBCC terms of Contract would apply, and is available from the Manager Procurement Foskor Richards Bay.

C.11. Quality Management

The successful Tenderer is to adhere to Foskor (Pty) Ltd's Quality Management System and specifications incorporated in this Tender Document.

To ensure that all installations are carried out in a controlled manner, the Contractor shall demonstrate this by means of the internal quality system, which shall include as a minimum a QCP for each area/section of construction. The QCP must be approved by Foskor before commencement of any work.

C.12 Quality Control:

- i. A detailed QCP (Quality Control Plan) shall be submitted within 5 days of contract award.
- ii. Quality of work must be monitored and controlled at a high level at all times.
- iii. At each hold and witness point all work shall be suspended until the specified inspection has been completed and the QCP updated and signed accordingly by Foskor (Pty) Ltd or its representative.
- iv. At each milestone, the designated Foskor (Pty) Ltd Quality Representative must approve the quality and standard of work being produced.
- v. It shall be the responsibility of the Successful Tenderer (Service Provider) to give Foskor (Pty) Ltd timely notice of hold and witness points requiring their intervention.



C.13 Tender Returnable Documents

- i. Priced bill of quantities
- ii. Signed site inspection certificate.
- iii. Initial program
 - a. Submit Bar Chart/Gantt Chart.
- iv. Task specific method statement.
 - a. Repair/upgrade installation of cooling tower internal and external equipment.
- v. Quality Control Points.
 - a. Submit quality assurance point checks indicating surveillance, verification, witness and holding points.
- vi. Record of previous similar contracts undertaken (Section B.4).
- vii. List of valid references.
- viii. Submit valid minimum CIDB 3GB grading certificates.
- ix. Valid NHBRC certification.
- x. Task specific risk assessment.
- xi. OHSE plan (occupational health, safety, and environmental plan)



Section D – Evaluation Criteria

Suppliers will be evaluated as per Technical Evaluation Criteria below as per tender submission.

Tender No.: FTP /24/MN				
Mandatory Requirements				
No. Bid submission not meeting the mandatory requirements will result in the bid being disqualified.				
1	Minimum CIDB 3GB grading certificate valid for the contract duration.			
2	Valid NHBRC certificate valid for the contract duration.			
TECHNICAL REQUIREMENTS (Evaluation Criteria)				
No.	Technical Criteria Description	Contribution%	Proof/Documents to be submitted	Notes
1	Compliance with Scope of Work Specifications - Weight not to be less than 10%			
a)	Suitability of methodology in alignment with safe work procedure and care of environment. Scoring: As per appendix A	10%	Submit a method statement that is specific to the project.	Methodology and procedure are the fundamental of a technical submission and demonstrates the supplier's comprehension of the scope of work.
2	Supplier reliability to complete the project safely within time, quality, and budget - Weight not to be less than 70%			
a)	Suitability of project schedule in alignment with Foskor guide as per B.2 of tender document. Scoring: Shortest duration to practical completion = 30% Upper median duration to practical completion = 20% Median duration to practical completion = 15% Lower median duration to completion = 10% Longest duration to practical completion = 5% As per appendix B	30%	Tenderer to submit project schedule in Bar Chart or Gantt Chart format.	Suitability and completeness of the planned schedule in comparison to Foskor baseline. Require contractors to prepare detailed critical path schedule that show all tasks and activities that affect time and interrelationships between trades.
b)	Suitability of QCP (quality control points). Scoring: As per appendix C	10%	Submit quality control points that are specific to the project.	QCP is an important indicator of the level of quality control of the project activities.
c)	Suitability of Risk Assessment. Scoring: As per appendix D	10%	Submit task-based risk assessment that is specific to the project.	Risk assessment is an important indicator of the comprehension of project deliverables in relation to unplanned and undesired events.
d)	Previous experience with similar work, environment, magnitude, and complexity. Previous experience in the construction of masonry structures. 4 Or more references = 20% 3 References = 15% 2 References = 10% 1 References = 5% 0 Reference = 0%	20%	Submit a list of projects undertaken and completed with description, project start and completion, project amount, and project completion certificate with contact details of references.	Records of previous projects successfully completed by the Supplier/Contractor.

3	Supplier experience & team competency - Weight not to be less than 20%			
3.1	Health and Safety Officer - Weight not to be less than 10%			
a)	Statutory SACPCMP Registration: Construction Health, Safety and Environmental Officer Scoring: Yes = 10%, No = 0% As per appendix E	10%	Submit Candidate's qualifications	Records of qualification indicate competency of candidate.
3.2	Site Manager/Supervisor - Weight not to be less than 10%			
a)	Previous experience in the construction of masonry structures. Scoring 2 x or more Relevant project references = 10% 1 x Relevant project reference = 5%	10%	Submit CV with list of projects undertaken and completed with description, duration of projects as well as references with contact details.	Records of previous projects Key Personnel has managed provide an indication of the level of experience.
Total Technical Score:		100%		
NOTE: Bid to score a minimum of 70% to be considered for Commercial Evaluation				
DISQUALIFICATION CRITERIA ** 1 Mandatory requirement not met.				



APPENDIX A

TASK METHOD STATEMENT

CONSTRUCTION METHOD STATEMENT

The tenderer will receive a maximum of 10 points based on information provided in this schedule.

The CONSTRUCTION OF ADMIN BLOCK, OFFICES, AND RECEPTION AT UMKHOMBISI SECONDARY SCHOOL.

The quality criteria will be as follows (maximum 5 pages):

- 1) Approach method= 6.0 points
- 2) Construction Administration = 2.0 points
- 3) Safety controls = 2.0 points

The Tenderer shall attach a method statement reflecting the execution of the various activities, construction methods and quality control comprising the installation and operations & maintenance work for this contract, including implementation of safety controls during installation and operations. The statement shall be in accordance with the information supplied in the Contract, requirements of the Project Specifications and with all other aspects of this Tender.

APPENDIX B

PRELIMINARY PROGRAMME

The tenderer will receive a maximum of 30 points based on the executive programme.

The quality criteria will be as follow:

1. Applicable activities / tasks from date of purchase order (showing more than 40 (forty) tasks) = 10 points
2. Float indicated = 5 points
3. Resources allocation indicated = 5 points
4. Duration = 10 points

The tenderer shall detail below or attach a preliminary programme reflecting the desired sequence and tempo of execution of the various activities comprising the work for this contract. The programme shall be in accordance with the information supplied in the Contract, requirements of the Project Specifications and with all other aspects of this Tender.

The Execution Programme must be based on the completion time as specified in the Contract Data.

PLEASE NOTE: the cash flow projection from the contractor (to be submitted before commencement of the execution of the contract) must be in accordance with this execution plan in order to ensure proper cash flow management by the employer and to minimise delayed payments.

Programme										
Activity and Resource	Month									

*Attach additional pages if more space is required

SIGNATURE: DATE

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



APPENDIX C

QUALITY MANAGEMENT

The tenderer will receive a maximum of 10 points based on information provided in this schedule.

1. Does the Tenderer have a quality management system which is certified in terms of the **ISO 9001: 2015** (4 points)

Yes	No
-----	----

- 1.1 If "yes ", tendered to supply brief summary of structure of system (6 points)

.....

.....

.....

.....

.....

.....

- 1.2 If "no", does the tenderer intend to apply for the certification and by when?

Yes	No
-----	----

DATE:

If the tenderer does not intend to apply for certification, he shall submit details of the quality management plan presently in place. The quality plan must address the following key aspects:

Key Aspects	Points
Organisation;	0.5
Staff responsibility and Authority;	0.5
Personnel Qualifications;	0.5
Construction Quality Control;	1
Definable features of work;	0.5
3 Phase Inspection Activities;	1
Submittal Management	0.5
Documentation and Reporting Requirements	0.5
Testing and Observations;	1



APPENDIX D**TASK RISK ASSESSMENT**

The tenderer will receive a maximum of 10 points based on information provided in this task-based risk assessment.

The CONSTRUCTION OF ADMIN BLOCK, OFFICES, AND RECEPTION AT UMKHOMBISI SECONDARY SCHOOL.

The quality criteria will be as follows (minimum 20 x no. of Risks indicated) (maximum 2 pages):

- 1) Hazard Identification = 0.25 points
- 2) Risk Assessment = 0.25 points
- 3) Risk Control Effectiveness = 0.25 points
- 4) Residual Risk Assessment = 0.25 points

The Tenderer shall attach a task-based risk assessment reflecting the execution of the various activities, construction methods and environmental risks and controls comprising the construction work for this contract, including planning, preparation, implementation and maintenance of installation and operations. The risk assessment shall be in accordance with the information supplied in the Contract, requirements of the Project Specifications and with all other aspects of this Tender.



Tender No: FTP /24/MN

APPENDIX E

SCHEDULE OF KEY PERSONNEL

Note to tenderer: The tenderer shall receive a maximum of 20 points based on the information provided on this schedule.

The tenderer shall provide details of previous experience required for this project. The tenderer is referred to the tender data clause B.3 and shall insert in the space provided below details of the key personnel required be in employment of the tenderer, in order for the tenderer to be eligible to submit a tender for this project. Proof of registration, if applicable, must be appended to this form.

KEY PERSONNEL EXPERIENCE (OHSE OFFICER)

The tenderer shall provide details of previous experience required for this project. Proof of registration must be attached for this form.

Name	Position in team	SACPCMP Reg No	Category	SAIOSH Reg No	Category	Years of Experience
	OHSE Officer					

Technical / Managerial Experience: (List only the most recent 2 projects of the key staff that the tenderer considers relevant to the specified scope of work.

Description of Project	Position held	Project Date	Start	Project Completion Date	Contract value	Client and Contact Person	Contact No

(DETAILED CV MUST BE ATTACHED HERETO)

SIGNATURE: DATE:

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



Foskor Official



Tender No: FTP /24/MN

KEY PERSONNEL EXPERIENCE (Site Supervisor/Manager)

The tenderer shall provide details of previous experience required for this project. Proof of registration must be attached for this form.

Name	Position in team	SACPCMP Reg No	Category	SAIOSH Reg No	Category	Years of Experience
	Site Manager/Supervisor					

Technical / Managerial Experience: (List only the most recent 2 projects of the key staff that the tenderer considers relevant to the specified scope of work.

Description of Project	Position held	Project Date	Start Date	Project Completion Date	Contract value	Client and Contact Person	Contact No

(DETAILED CV MUST BE ATTACHED HERETO)

SIGNATURE: DATE:

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



Foskor Official



Section E – Schedule of Quantities

Supplier to submit with this tender Schedules of Quantities or Bill of Quantities for all work to be done under this scope.



FOSKOR (PTY) LTD
UMKHOMBISI SECONDARY SCHOOL ADMIN BLOCK
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Item	Pay Ref	Description	Unit	Qty	Rate	Amount
1	SANS 1200 A	<u>GENERAL</u> Comprehensive breakdown of any cost claimed under this item needs to be provided with the tender				
1.1	A.1.1(8.3)	<u>FIXED-CHARGE ITEMS</u>				
1.2	8.3.2	<u>Establish Facilities on the Site :</u>				
1.2.1	8.3.2.2	<u>Facilities for Contractor</u>				
1.2.1.1	A.1.1.3(a)	Offices and storage sheds	Sum	1		
1.2.1.2	A.1.1.8(e)	Ablution and latrine facilities	Sum	1		
1.2.1.3	g)	Water supplies, electric power and communications (Item includes supply of Water and Electricity)	Sum	1		
1.2.1.4	A.1.1.13(8.3.4)	Remove Employer's Agent's and Contractor's Site establishment on completion	Sum	1		
1.3		<u>Occupational Health and Safety Requirements</u>				
1.3.1	A.1.2(C 5.1)	HEALTH AND SAFETY				
1.3.2	A.1.2.1(a)	Preparation and maintenance of Health and Safety Plan	Sum	1		
1.3.3	A.1.2.2(b)	Provision of Construction Safety Officer(s)	Sum	1		
1.3.4	A.1.2.3(c)	Health and Safety Training, inductions, KBC, etc	Sum	1		
1.3.5	A.1.2.5(e)	Medical examinations	Sum	1		
1.3.6	A.1.2.6(f)	Personal Protective Clothing and Equipment	Sum	1		
	g)	Implementation and maintenance of Safety Administration	Sum	1		
TOTAL CARRIED FORWARD						



TOTAL BROUGHT FORWARD						
1.4	A.1.5	MAINTAIN QUALITY CONTROL				
1.4.1	A.1.5.1	Contractor must submit a detailed quality control plan for the construction of the project. The document must be in the file format and must be approved by the Employers Agent.	Month	4		
1.4.2	A.1.6	STANDING TIME				
		Standing time costs will be subject to the General Conditions of Contract 3rd Edition, 2015. All standing time for plant and labour must be recorded in the daily site diary and all claims must be related to the approved contract program and relevant plant and labour that is utilised on site. Charges for delays due to factors beyond the control of the contractor, for all plant, labour, management and overhead costs, but excluding delays due to delivery of materials for the following:				
1.4.2.1	A.1.6.1	a) All plant (TLB, Tipper Truck, 5 ton Roller)	sum/day	2300	RATE ONLY	
1.4.2.2	A.1.6.2	b) All labour (As per section A 1.8)	sum/day	2920	RATE ONLY	
1.4.2.3	A.1.7(8.5)	SUMS STATED PROVISIONALLY BY EMPLOYER'S AGENT				
1.4.2.4	A.1.7.1	Specified Soil testing as order by Employer's Agent at approved laboratory	PC	1		
1.4.2.5	A.1.7.2	Extra over 1.7.1 for profit, administration etc.	%	10%		
		For work to be done by approved sub-contractors				
TOTAL CARRIED FORWARD						

ITEM	PAYMENT	DESCRIPTION	UNIT	Qty	Rate	Amount
TOTAL BROUGHT FORWARD						
1.5	A.1.8(8.7)	DAY WORKS				
1.5.1		Personnel				
1.5.1.1	A.1.8.1	a) Unskilled labour	h	1		
1.5.1.2	A.1.8.2	b) Semi-skilled labour	h	1		
1.5.1.3	A.1.8.3	c) Skilled labour	h	1		
		Plant				
1.5.2.1	A.1.8.8	d) Pedestrian vibrating roller (0,5 ton)	h	1		
1.5.2.2	A.1.8.9	e) Self propelled vibrating roller (80 kW)	h	1		
1.5.2.3	A.1.8.10	f) Pedestrian vibrating roller (1,4 ton)	h	1		
1.5.2.4	A.1.8.11	g) Water spray truck (7 000ℓ)	h	1		
1.5.2.5	A.1.8.12	h) 10m ³ tip truck	h	1		
TOTAL CARRIED FORWARD						

FOSKOR (PTY) LTD
UMKHOMBISI SECONDARY SCHOOL ADMIN BLOCK
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Item	Pay Ref	Description	Unit	Qty	Rate	Amount
2.1	SABS 1200C	SECTION 2: CIVIL WORKS SITE CLEARANCE				
2.1.1		Clear site for Admin block platforms	m ²	1100		
2.2	SABS 1200D	EARTHWORKS				
2.2.1		Strip topsoil to nominal depth of 150mm on building- and parking areas.	m ²	280		
2.2.2		Cut to fill	m ³	68.93		
2.2.2		Cut to spoil or stockpile where ordered by the Engineer	m ³	10		
2.2.3		Extra over item 2.2.2 (a) for (Provisional) i) Excavation in hard rock	m ³	5		
2.3	SABS 1200DB	PIPE TRENCHES				
2.3.1	3.2.1	Excavate in all materials for water mains maximum 50mm dia, and for french drains				
		i) 0m to 1,0m deep	m ³	15		
		ii) 1,0m to 2,0m deep	m ³	5		
2.3	SABS 1200DB	PIPE BEDDING				
2.3.1	8.3.1	From trench				
		i) Selected gravel material	m ³	15		
		ii) Selected fill material	m ³	10		
2.4		MISCELLANEOUS				
2.4.1		Supply and erect 5000L polyethylene or similar approved water storage tank with 15mm tap				
		Rate to include for tank foundation , labour and materials and to install down pipe into tank inlet.	No	2		
2.4.1		Landscaping	Sum	1		
		Section 2: Civil Works Carried Forward				

FOSKOR (PTY) LTD
UMKHOMBISI SECONDARY SCHOOL ADMIN BLOCK
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Item	Pay Ref	UMKHOMBISI SECONDARY SCHOOL	Unit	Qty	Rate	Amount
	SABS 1200 DA	SECTION 3: ADMINISTRATION BLOCK EARTHWORKS				
3.1	8.3.2	(a) Excavate for surface trenches not exc. 1m deep for wall foundations.	m ³	45		
3.1.2		Rip, scarify & recompact insitu layer under floors	m ³	42		
3.1.3		Ditto including shaping to falls 1m width around	m ²	30		
3.1.4		Filling to underside of slabs with material from the excavations in layers N/E 150mm including compacting to 93% Mod Aashto	m ²	35		
3.1.5		Return fill and ram foundations	m ³	18.5		
3.1.6		Spread and level surplus excavated material as directed on site(Prvisional)	m ³	8		
3.1.7		Soil Poisoning in accordance with SANS 0124.	m ²	55		
3.2	SABS 1200GA	Concrete				
3.2.1	8.4.2	10 Mpa blinding layer (provisional)	m ³	2.2		
3.2.2	8.4.3	25Mpa mass concrete in footings	m ³	25		
3.2.3	8.4.4	25 Mpa mass concrete in surface bed	m ³	35		
3.2.4	8.4.5	25 Mpa mass concrete in external apron slab including mesh	m ³	25		
3.3		Formwork				
3.3.1	8.2.2	(a) Smooth formwork to edge of concrete N/E 300mm high	m	148		
3.3.2	8.4.4 (a)	Steel float finish to falls to step	m ²	8		
3.3.3		Woodfloat finish to apron slab	m ²	135		
3.4		Reinforcement				
3.4.1	8.3.2	(a) Mesh reinforcement ref: 193 in Apron slab	m ²	201.128		
3.4.2	8.3.1	(b) Y12 foundation rebars as per spec	Ton	0.584		
3.5		Brickwork				
3.5.1		285mm brickwork in foundations in 'NFX' clay commons in class 1 mortar	m ²	60.8		
3.5.1.1		140mm wall in 'NFP' clay commons in class mortar.	m ²	32		
3.5.1.2		spanish terracotta travertine" FBS facebrick pointed with square recessed horizontal & vertical joints or similar approved				
		Section 3: Administration Block Carried Forward				

FOSKOR (PTY) LTD
UMKHOMBISI SECONDARY SCHOOL ADMIN BLOCK
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Item	Pay Ref	Description	Unit	Qty	Rate	Amount
		brought forward				
3.5.3		285mm wall ditto	m ²	201.833		
3.5.4		260mm wall in beam filling	m ²	78.7217		
3.5.5		140mm wall	m ²	45.0009		
3.5.6		Rough raking and cutting	m	35		
3.5.7		Precast lintols 1050mm long	No	9		
3.5.8		Precast lintols 1350mm long	No	15		
3.5.9		Precast lintols 1850mm long	No	4		
		Precast lintols 2400mm long	No	2		
3.6		Facings				
3.6.1		spanish terracotta travertine" FBS facebrick pointed with square recessed horizontal & vertical joints or similar approved				
3.6.2		Faced brick on edge lintol pointed on soffit and end including window cills	m	20		
3.6.3		Two coats bag and brixal to outer face of inner skin of brick wall	m ²	520		
3.6.4		Form set of two openings in 220 mm wall for airbricks including external & internal air bricks	no	2		
3.7		Waterproofing				
3.7.1		375 micron brickgrip DPC under walls and cills	m ²	380		
3.7.2		250 micron gunplas USB green damp-proof membrane to floors	m ²	321		
3.7.3		Silicone sealant around frames externally	m	55		
3.8		Roof Trusses				
3.8.1		Pre-fabricated roof trusses supplied by approved manufacturer at 1,2m spacing	Sum	1		
3.8.2		Bracing Roof Timbers-(Grade S5)	Sum	1		
3.8.3		38mm x 114mm SA pine wall plates	m	50		
3.8.4		50mm x 76mm SA pine purlins fixed to trusses at maximum 1140mm centres	m	178.2		
3.8.5		CROMADEK undertile flashing with kick back and covertype flashing with kick back at gable to match color of roof sheeting (Aloe Green Colour).	m	72		
3.8.6		30mm x 1,2mm GHI roof tie 1,500mm girth	No	30		
		Section 3: Administration Block Carried Forward				

FOSKOR (PTY) LTD
UMKHOMBISI SECONDARY SCHOOL ADMIN BLOCK
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Item	Pay Ref	Description	Unit	Qty	Rate	Amount
		brought forward				
3.9		Roof Coverings				
3.9.1		CHROMADEK' roof sheeting including fixings, etc., IBR profile.				
3.9.2		Single continuous roof sheeting 0,6mm thick including capping	m ²	380		
3.9.3		Alternative for item 3.49 for galvanised steel IBR sheeting	m ²	500		
		Supply & fix ancilleries to roof sheeting				
3.9.4		9mm x 225mm FC fascia board incl jointing strips	m	72		
3.9.5		9mm x 225mm FC barge board incl jointing strips	m	25		
		CEILINGS: Gypsum				
3.9.6		6,4mm Rhinoboard ceilings on and including 38mm x 50mm branderling at 400mm centres incl. 10mm x 40mm hardwood coverstrips	m ²	251		
3.9.7		75mm Rhino cornice	m	133.1		
		Trapdoors				
3.9.8		From trapdoor size 600mm x 600mm	No	2		
3.10		Doors				
3.10.1		44mm Wrot meranti framed ledged, braced and battened doors i) Supply and install 813 x 2033 type G6 galvanised				
3.10.2		Door size 813 x 2033mm	No	9		
3.10.3		Door size 1616 x 2433mm D2 double door 285mm standard 1.6mm galvanised steel door frame double rebated for 285mm brick wall	No	2		
3.10.4		Door size 1916 x 2125mm D17 SHEERLINE / FENTECH A2 Purpose made serving hatch doors 750 x 750 mm complete with brass hinges and two brass barrel bolts	No	1		
		Door Frames				
3.10.5		Galvanised steel frame for internal doors 813 x 2033mm double door frame 1616 x 2433mm	No	9		
3.10.6		double door frame 1916 x 2125mm	No	2		
		IRONMONGERY				
3.10.7		Union 4 lever mortice lock set including furniture	No	1		
		Section 3: Administration Block Carried Forward				

FOSKOR (PTY) LTD
UMKHOMBISI SECONDARY SCHOOL ADMIN BLOCK
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Item	Pay Ref	Description	Unit	Qty	Rate	Amount
		brought forward				
		25x50(x2mm wall) steel hollow section frame with 5x40mm flat bar steel intermediate vertical members and12mm dia round bar stiffening (3050x2850mm) as per	No	2		
		25x50(x2mm wall) steel hollow section frame with 5x40mm flat bar steel intermediate vertical members and12mm dia round bar stiffening (877x2415mm)	No	1		
3.10.8		Galvanized steel window frames including burglar proofing, latches, complete i) Durowin SS33 internally glazed industrial hot dip galvanised, size 987 x 1445mm high with B2 Burglar	No	13		
3.11		PLASTERING				
		SCREEDS				
3.11.1		Average 25mm 1:3 cement and sand screeds laid to falls and finished smooth	m ²	339		
		Plaster				
3.11.2		1:4 cement internal plaster to walls (plaster paint) To dado Hieght	m ²	227.889		
3.11.3		Ditto in narrow widths	m ²	12		
3.11.4		1:4 cement external plaster to walls	m ²	220		
		Dividing Strips, etc				
3.11.5		3 x 30mm brass strip	m	10		
3.12		PLUMBING & DRAINAGE				
		Sanitary Fittings				
		Kitchen				
		Sink				
3.12.1		1.5m long stainless steel sink unit,Single bowl complete with brackets.	No	1		
3.12.2		15mm Class 1 copper piping for sink including all fittings	Sum	2		
		Sick Room				
3.12.3		0.44m long stainless steel wash hand sink unit,Single bowl complete with brackets.	No	1		
3.12.4		15mm Class 1 copper piping for sink including all fittings	Sum	2		
		Water Supply				
3.12.5		25mm class 16 HDPE pipe	m	60		
3.12.6		15mm rough brass stopcock	Sum	1		
3.12.7		15mm Cobra pillar tap for sink	No	2		
		Section 3: Administration Block Carried Forward				

FOSKOR (PTY) LTD

UMKHOMBISI SECONDARY SCHOOL ADMIN BLOCK

TENDER NUMBER: FTP/121808

Item	Pay Ref	Description	Unit	Qty	Rate	Amount
		brought forward				
3.12.8		Sanitary Plumbing StandPipe Complete with 4 taps inclusive of fittings, foundation.	Sum	1		
3.12.9		HDPE Pipes including fittings 50mm pipes	m	25		
3.12.10		25mm pipes	m	20		
3.12.11		Extra over HDPE pipes for fittings 25mm ABC cleaning eye in end of pipe	No	2		
3.12.12		50mm access junction	No	8		
3.12.13		50mm access bend	No	3		
3.12.14		25mm bend	No	2		
		Traps				
3.12.15		Sink trap with plain grating and plug and chain	No	2		
3.12.16		uPVC Gulleys Dished gulley not exceeding 750mm deep	No	2		
3.12.17		Valve box 200 x 450mm cast iron stopcock box exceeding 750mm deep internally	No	1		
3.12.18		Testing Allow for testing the plumbing and drainage installation	Item	1		
3.12.19		Syndries 5 kg carbon dioxide fire extinguisher	No	2		
3.12.20		9.0kg carbon dioxide fire extinguisher	No	0		
3.12.21		RAINWATER GOODS Aluminium Gutters 100mm dia half-rounded aluminium eaves gutters	m	101		
3.12.22		Extra over aluminium eaves gutters for stopped end	No	4		
3.12.23		75mm dia rainwater pipes	m	17.64		
3.12.24		Extra over rainwater pipe for bend	No	8		
3.12.25		Extra over rainwater pipe for shoe	No	4		
3.12.26		PAINTING Dulux enamel alky paint to galvanised steel to steel window- and door frames	sum	1		
3.12.27		1 filler coat, 1 universal undercoat and 2 coats enamel. Plastered walls	m ²	360		
3.12.28		Sand down and apply 2 coats polyurethane varnish Timber doors & frames	m ²	7.56		
		Section 3: Administration Block Carried Forward				

FOSKOR (PTY) LTD
UMKHOMBISI SECONDARY SCHOOL ADMIN BLOCK
TENDER NUMBER: FTP/121808

Item	Pay Ref	Description	Unit	Qty	Rate	Amount
		brought forward				
3.12.29		Sand down and apply 2 coats polyurethane varnish Serving hatch	Sum	1		
3.12.30		Prime nail heads, apply 1 undercoat and 2 coats acrylic PVA Rhinoboard ceilings	m ²	251		
3.12.31		GLAZING 6.38mm Clear Laminated Safety glass. steel framed window 1.511 x 0,64m.	No	13		
3.12.32		FLOORING Supply and lay vinyl floor bedded on concrete and flush pointed with tinted waterproof compound i) On floors and landings	m ²	348.5		
3.12.33		ELECTRICAL Supply, install and test complete all electrical light fittings, switches, plugs & wiring to dwg. by qualified electrician. Rate to include for the supply cable and trenching from main distribution board.				
3.12.33.1		i) 15 Amp plug points	No	13		
3.12.33.2		ii) Light switches	No	11		
3.12.33.3		iii) 1,5m fluorescent light fittings	No	3		
3.12.33.4		iv) DB Board	No	1		
3.12.33.5		v) Light fitting in office and entrance	No	1		
3.12.33.6		vi) External light	No	3		
3.12.33.7		vii) Day/night switch for external lights including cabling	No	3		
3.12.34		Prefabricated Concrete Seating on entrance 2.685mm x 75mm thick 25MPa concrete seating including ref 100 mesh reinforcement and preparation of bedding on 220mm wide, 3 course facebrick support walls in change room.	Sum	1		
3.12.35		Joints Supply all materials and form expansion joints (10 x 75mm Softboard)	m	55		
3.12.36		Borehole Incentive Complete borehole hydrological report and complete installation of water borehole to supply 41.1m ³ /day complete with 32mm dia HDPE pipeline conveying water to existing water tanks.	Sum	1		
		Section 3: Administration Block Carried Forward				

FOSKOR ACID DIVISION

UMKHOMBISI SECONDARY SCHOOL

TENDER NUMBER: FTP

SUMMARY PAGE

SECTION	DESCRIPTION	AMOUNT
1	PRELIMINARY & GENERAL	R
2	CIVIL WORKS	R
3	ADMIN BLOCK	R
SUB-TOTAL		R
CONTINGENCY SUM 10%		
SUB-TOTAL		R
VAT 15%		R
TOTAL		R

Section F – Drawings

