

HOERSKOOL RICHARDSBAAI HOSPITALITY ROOM REVAMP

Tender no: **FTP /24/MN**



Cost Code:

Revision¹: 0.2.n see legend at bottom of page

Revised date: 01/02/2024

NAME	TITLE	Empl. no	SIGNATURE	DATE
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COMPILED - RECOMMENDATION

NW Mthembu	Civil Learner, Civil	504861		01/02/2024
WLM Mhlongo	Project Engineer	503064		02/02/2024

COMPREHENSION AND ACCEPTANCE BY CLIENT


The Client warrants that he/she reviewed the Scope of Works and that this Tender 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 Superintended



Comments:

APPROVAL TO PROCEED

BS Mbuyazi	Snr. Manager. Projects	504427		02/02/2024

Comments:

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.

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Section A: INVITE AND TENDER INSTRUCTIONS

A.1 Invitation to tender

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

The Works consists of the **Hoerskool Richardsbaai Hospitality Room Revamp**.

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

The Contract Works Forms of Tender 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	035 797 3941
Cell no	
Email	PhumeN@foskor.co.za

A.2 Return of Tender 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
Contract Title:	Hoerskool Richardsbaai Hospitality Room Revamp	FOSKOR LIMITED
Closing date & time:		21 John Ross Parkway
		Richards Bay

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

propose you include the 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 **Hoerskool Richardsbaai on 90 Via Ricardia, Arboretum, Richards Bay, 3900** 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

No

No

No

No

No

IMPORTANT

- Please note that a Safety Induction is **MANDATORY** and all Tenderers to allow for at least **30 minutes** before the Site Meeting start.
- 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, programme 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 person¹ 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.
- c) Commit any act or omission that would be contrary to the Maintenance and Promotion of Competition Act 96 of 1979 and notices and regulations published in terms of that Act.

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 and General				A1
1.02	ALTERATIONS				A2
1.03	EARTHWORKS				A2
1.04	CONCRETE, FORMWORK AND REINFORCEMENT				
1.05	MASONRY				
1.06	WATERPROOFING				
1.07	CARPENTRY AND JOINERY				
1.08	CEILINGS, PARTITIONS AND ACCESS FLOORING				
1.09	IRONMONGERY				
1.10	PLASTERING				
1.11	TILING				
1.12	PLUMBING AND DRAINAGE (PROVISIONAL)				
1.13	PAINTWORK				
1.14	PAPERHANGING				
1.15	ELECTRICAL INSTALLATIONS				
1.16	PROJECT SPONSOR BOARD				
	Sub Totals Sum (Excluding VAT)				A3
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 Foskop 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: 15 weeks from tender close date)

Within 7 days from receipt of Purchase order.

Snagging/Modification List Date

8 weeks from receipt of Purchase order.

Completion of Works/ Final Handover (Guide: Project duration)

9 weeks from receipt of Purchase order.

Defects Liability Period Applicable (Start from Project handover)

12 months from Project Completion & Handover (Refer B1.4)

Retention Payment:

10% retention over 12 months

TO BE SUBMITTED WITH THIS TENDER

The Tenderer shall submit with this Tender:

- 1 Initial programme (Bar Chart/Gantt Chart),
- 2 Tracible record of similar contracts undertaken and references.
- 3 Project team organogram indicating CVs of individuals.
- 4 Valid CIDB 3GB minimum
- 5 Site inspection certificate as per page 15
- 6 Priced Bill of Quantities completed in Foskop format.
- 7 Proof of registration with NHBRC.

OTHER IMPORTANT NOTES

- **'Defects Liability Period'** shall be that period in force for Foskor to call upon the Contractor/Consultant to rectify at no cost to Foskor (Pty) Ltd any defects of workmanship, quality or practice; and shall remain in force **in parallel with the Retention 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 Foskor (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 Foskor (Pty) Ltd.
- The Tenderer shall within **7 (seven)** days of contract award submit a final detailed work methodology and programme, and the final work methodology shall be verified and approved by Foskor (Pty) Ltd.
- The Tenderer is welcome to propose alternative 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 Foskor.

B.2.1 Project Completion and Handover; Retention

Unless otherwise agreed, Project Completion (handover), shall be deemed to be from date of Foskor 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 Foskor of the complete Data Pack in an 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 Foskor 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 the 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 / Owner				
Site Manager/ Contracts Manager				
Quality Assurance and Control				
Document Control and Accounts				
Safety Officer				

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)

[illegible]

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.

[illegible]

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.

[illegible]

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

This is to **CERTIFY**, that we
Name(s) (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 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: _____

Section C: SCOPE OF WORKS

C.1. Background, Present Situation and Proposed Solution

C.1.1 Background

Foskor loss-making situation over the past several years, coupled with the advent of covid-19 during the 2020-2021 financial years, have effectively resulted in the company deferring community development and CSI activities for the communities of Richards Bay. CSI project can be considered since the company financial situation has improved, hence the following proposed projects.

As part of community social investment initiation, Foskor Acid division has identified Hoerskool Richardsbaai as a suitable beneficiary in the 2023/24 financial year scheme.

C.1.2 Present Situation

The Hoerskool Richardsbaai is experiencing financial difficulties due to some parents battling to pay school fees. Therefore, the request is for Foskor to adopt and sponsor the Hospitality presentation area and classroom with a view to refurbishing it. Hoerskool Richardsbaai uses this area to offer practical training for "Consumer studies" learners to gain experience that can motivate matriculants to apply for jobs. The school mission is to offer learner with best education, to achieve that they have issued this request.

C.1.3 Proposed Solution: Reason for this Tender

As Community Social investment (CSI) initiative has propose to refurbish the entire hospitality room to have upgraded facilities, equipment, room capacity etc so that it can be rented by neighboring Companies and learners can be exposed to relevant skill set. This project can boost Foskor's public image and set an example to the Richards Bay community. If granted the donation would receive wide coverage in local newspapers.

C.2. Legislation, Standards and Codes of Practice

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
SANS 1200	Civil Construction Work	Latest
S28 NEMA (1998)	Duty and care of environmental degradation	Latest
SANS 10400	The application of National Building Regulations	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		
SANS 1200A	SANS 1200A (All relevant specifications)	Latest	YES
APPLICABLE	FOSKOR SPECIFICATION on this Tender		
E 006	Low Voltage Distribution Boards	Latest	
E 008	Luminaries	Latest	
E001	Low and Medium Voltage Motors	Latest	
E002	400V AC Distribution Switchgear & MCC's	Latest	
E003	Industrial Electrical Installations	Latest	
EC1	Installation, Testing and Commissioning of electrical equipment	Latest	YES
EE1	Motor Control Centre and Switchgear	Latest	
EE2	Squirrel Cage Induction and Wound Rotor Motors	Latest	
EE6	11KV Power Transformers	Latest	YES
FC005	General Earth Works to Plant and Building	Latest	
FC016	General Road Works	Latest	
FC021	General Specification for Terrace Construction	Latest	
FC026	General Specification For Roadworks	Latest	
FD001	Design Criteria for Structures	Latest	YES
FG001	General Requirements for Projects	Latest	YES
FL001	Design and Fabrication Criteria for Ladders and Walkways	Latest	
FM001	General Mechanical Specification	Latest	
FM002	Rubber lining of Vessels and Piping	Latest	
FM003	Welding of Fabricated Equipment	Latest	
FM273	Fire Tube Waste Heat Boiler	Latest	
FM432	Canevas specification	Latest	
FQ001	General Engineering Quality Requirements	Latest	
FQ002	Non-Destructive Testing	Latest	
FS001	Fabrication and Erection of Structural Steel	Latest	
FS002	Specification of Roof and Side Cladding	Latest	
FT001	Trestles and Access Platforms	Latest	
FV001	Requirements Vessels, Tanks and Heat Exchangers	Latest	

Number	Title / Description	Version	Applicable
FY001	Design/Fabrication of Piping	Latest	
GC1	Civil excavation, Form work and Concrete work	Latest	YES
GC2	Interlocking Paving	Latest	
GC3	Packing and Grouting	Latest	YES
GD1 R	General requirements for Design	Latest	
GE1	Design of Electrical Installation ¹	Latest	YES
GM1	General Mechanical	Latest	
GM2	Mechanical Erection	Latest	
GM3	Surface preparation and protection specification: Paint	Latest	
GM4	Pressure Vessels including Auxiliary equipment	Latest	
GM5	Pipe Standards Including Auxiliary Equipment	Latest	
GM6	Engineering Drawing and Document requirements	Latest	
GM7	Electric Overhead Travelling Cranes	Latest	
GM8	Surface Protection	Latest	
GQ1	Quality Control procedure for Contractors	Latest	YES
GS005	Concrete and Formwork	Latest	YES
GS1	Structural Steelwork and Platework fabrication and erection	Latest	
GS2	Metal roofing and cladding of structure	Latest	
GV1	Mine Health and Safety Act for Contractors and Consultants	Latest	
MC001	Colour Coding Richards Bay	Latest	
MC002	Scope of Corrosion Protection Richards Bay	Latest	
MC003	Painting High Spillage Areas	Latest	
MC004	General Plant Painting Specification Low Temperature	Latest	
MC005	General Plant Painting Specification High Temperature	Latest	
MC006	Repair Damaged Steel Work	Latest	
MC007	Steel Denso Wrap System	Latest	
MC008	Pipe/Flange Protection Denso Wrap System	Latest	
MC009	General Plant Protection High Corrosive Areas	Latest	
MC010	Painting Tank Grillage	Latest	
MC011	Internal Painting of Tanks with Demineralised Water	Latest	

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 a BUILDING nature 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 the **90 Via Ricardia, Arboretum, Richards Bay, 3900**

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.

C.6.1 Drawings:

SITE PLAN DRAWINGS		
Drawing No.	Title / Description	Revision
R2023-26-WD-120-00	WATER RETICULATION	0
R2023-26-WD-115-00	GF FIRE & SIGNAGE	0
R2023-26-WD-110-00	GROUND FLOOR ELECTRICAL GF CEILING	0
R2023-26-WD-100-00	GROUND FLOOR, GROUND FLOOR DEMOLISHING	0
R2023-26-WD-400-00	JOINERY	0
R2023-26-WD-500-00	DESCRIPTIONS	0
R2023-26-WD-501-00	W&D SCHEDULER	0
R2023-26-WD-505-00	SANITARY SCHEDULE, SANITARY MAP, FINISHING MAP	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 includes for the following:

The Contractor to supply as per the complete Bill of Quantities as submitted and which includes but not limited to: Hoerskool Richardsbaai Hospitality Room Revamp.

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 Foskor. The Contractor shall ensure that all 'acceptance approvals' are received from Foskor (Pty) Ltd before proceeding to the next stage.

After completion of civil repairs, the Contractor must allow for final inspection, passing & Handover of the project works with Foskor (Pty) Limited and the nominated Contractor.

The Work calls for the successful design as required to make such a facility functional for its purpose – "Fit-for-Purpose".

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 generalized as follows:

- Demolition and erection of walls;
- Plumbing work;
- Joinery and carpentry;
- General building work;
- Plumbing;
- Carpentry;
- Water proofing;

The suitable and successful supplier must be registered with NHBRC.

C.7.1.1 ALTERATIONS**Removal of demolition work**

Demolition work shall be deemed to include for the loading of demolished work onto trucks and dumped at approved dumping site.

- Breaking up and removing reinforced concrete including cutting off and removing reinforcement
- Breaking down and removing brickwork
- Lift up existing paving bricks and neatly stockpile in area indicated by the client
- Taking out and removing doors, windows, etc from brickwork to be demolished
- Taking out and removing joinery fittings, etc
- Hacking up/off and removing ceramic tile floor and wall finishes including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster or tile finishes
- Taking out and removing piping, sanitary fittings, etc including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere)

INSTALLATION OF EXISTING WORK

- Refixing of existing doors, windows, etc (removal and setting aside elsewhere)
- Relay existing clay paving bricks with butt joints laid to match existing pattern on 20mm thick river sand bed with sand and cement mixture swept into joints hosed down including rolling to locked-up conditions, etc
- Refixing of existing ironmongery to brickwalls
- Clean, setting up and refixing of sanitary fittings in new position, including connecting to water and waste piping

CUTTING THROUGH FLOORS

- Sleeves for future gas stoves

OPENINGS THROUGH EXISTING WALLS ETC

Altering openings

- Breaking out for and forming openings through brick walls for new plain openings including necessary precast concrete lintels and making good plaster on both sides and into reveals (making good paintwork elsewhere)

C.7.1.2 EARTHWORKS**EXCAVATION, FILLING, ETC**

- Excavation in earth not exceeding 2m deep
 - Carting away of excavated material Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stockpiles situated on the building site
- Keeping excavations free of water
- Earth filling obtained from the excavations and/or prescribed stockpiles on site compacted to 95% Mod AASHTO density.
- Coarse river sand filling selected from excavated material.

SOIL POISONING

- Supply and apply/spray Soil insecticide.
- Supply and apply/spray Termite, insect, and wood borer poison inside building including soil poisoning certificate.

SLEEVES

- Supply and install uPVC - 50mm Diameter stormwater sleeve under ramp

C.7.1.3 CONCRETE, FORMWORK AND REINFORCEMENT

- Conduct Concrete tests and file a report
- Supply and fix Formwork
- REINFORCED CONCRETE
 - Supply and cast 25MPa/19mm Concrete.
 - Supply and fix Mild and high tensile steel reinforcement to structural concrete work
 - Supply and fix Fabric reinforcement
- CONCRETE SUNDRIES
 - Finishing top surfaces of concrete to an even ribbed non-slip finish
- SMOOTH FORMWORK (DEGREE OF ACCURACY II)
 - Smooth formwork to sides
- MOVEMENT JOINTS ETC
 - Supply and install Expansion joints with 10mm softboard between vertical concrete and brick surfaces
- PRECAST CONCRETE
 - Supply, deliver and install/fix 25MPa Precast concrete slab with smooth formwork to soffits and sides and smooth steel floated finish to top, including reinforcing bars at 85kg/m³

C.7.1.4 MASONRY**BRICKWORK**

- Supply and install precast prestressed concrete lintol

SUPERSTRUCTURE

- Supply and brickwork of burnt clay common bricks in class II mortar

BRICKWORK SUNDRIES

- Supply and apply/insert joint forming material in movement joints
- Supply and fix brickwork reinforcement
- Supply and fix galvanised hoop iron cramps, ties, etc

C.7.1.5 WATERPROOFING**Waterproofing**

- Supply and apply waterproofing membrane 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.

DAMP-PROOFING OF WALLS AND FLOORS

- Supply and apply one layer of 250 micron "Consol Plastics Gunplas USB Green" waterproof sheeting sealed at laps with "Gunplas Pressure Sensitive Tape"

JOINT SEALANTS ETC

- Supply and apply clear silicone sealing compound or similar approved
- Supply and apply Sikaflex Pro 3 I-cure sealing compound or similar approved including raking out softboard, backing cord, bond breaker, primer, etc

C.7.1.6 CARPENTRY AND JOINERY**DOORS**

- Supply and install solid core doors.
- Supply and install stainless steel: 5mm thick panel fixed to door 800 x 2125mm high

WORKTOPS

- Supply, diliver and install 28mm Thick Eezi Quartz, complete with curved edging, including sealant to edges against wall and around fittings (Color to be confirmed with Project Manager before ordering)

FITTINGS

- Supply, deliver and set floor cupboard, sides, bottom, shelves, back, etc timber to be termite and insect resistant, treated for insects and termites, after treatment wood to be wrapped with PVC vinyl that is termite and insect resistant (Color and finish to be confirmed by Architect) and screwing with countersunk screws, edge strips, decorative plastic finish, glass, ironmongery, metalwork, paint or varnish finishes, etc.
- Supply, deliver and set cupboard doors fixed to dwarf brick walls, doors comprising timber that is termite and insect resistant, treated for insects and termites, after treatment wood to be wrapped with PVC vinyl that is termite and insect resistant (Color and finish to be confirmed by Architect).
- Supply, deliver and set Wine shelves suspended from concrete roof slab, comprising 50mm thick top, sides and bottom timber with aluminium support poles, where timber is termite and insect resistant, treated for insects and termites and after treatment wood to be wrapped with PVC vinyl that is termite and insect resistant (Color and finish to be confirmed by Architect).
- Supply, deliver and set 30mm Thick floating shelves fixed to brick walls, including steel supports, masonry anchors, etc, where timber is termite and insect resistant, treated for insects and termites and after treatment wood to be wrapped with PVC vinyl that is termite and insect resistant (Color and finish to be confirmed by Architect)
- Supply, deliver and set Stainless steel shelves fitted/ fixed to existing steel band and bracket shelving system.

FURNITURE

- Refer to Bill of quantities.

C.7.1.7 CEILINGS, PARTITIONS AND ACCESS FLOORING

- 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

NAILED UP CEILINGS

- Supply and fix 12mm "CAPCO" plasterboard bulkhead shall comprise 52 x32 x 0.5mm studs and 52 x 25 x 0.5mm track or 52mm curved drywall tracks for curved sections. Tracks to be fitted to conical timber structure above and to 38 x 38mm ceiling battens with 32mm Grabber screws. Studs to be fitted vertically at 400mm centres and 200mm centers for curved sections to top curved track. Fit

bottom corner track to 38 x 38mm ceiling battens. Fix all stud and track joints with 4,2 x 13mm wafer-tek screws to steelwork and steelwork to timber with 32mm Grabber screws. Fix 6.5mm "CAPCO" Plasterboard to vertical sections and 12mm "CAPCO" Plasterboard to horizontal sections. Fix plasterboard tapered edges facing outwards with 25mm drywall screws at 150mm centres. Fit Trim-Tex corner bead TT4010 and Archway Corner Bead TT4110 to bulkhead corner. All screws to be stopped with "CAPCO" jointing compound to a smooth finish. Apply 50mm wide self-adhesive glass fibre tape to all joints and finish with "CAPCO" jointing compound. Flush plaster entire ceiling with 4-6mm "RhinoLite Natural Plus" skim plaster.

C.7.1.8 IRONMONGERY

- Supply and install stainless steel: kickplate.

DOOR CLOSERS

- Supply and fix union - Overhead door closer with regular arm (Code 7770) to suite single timber door including necessary mounting bracket fixed to brickwork

LETTERS, NAMEPLATES, ETC

- Supply and insert Photoluminescent' Fire and Directional signage as per DOWD Pezula Signage Solutions

C.7.1.9 METALWORK

- All glazing to be manufactured and installed in accordance with SANS 10400 Part N and SANS 10137
- All material used in glazed doors and windows to be AAAMSA tested. All glazing to comply with National Building Regulations
- Supplier, manufacturer or subcontractor of glazed doors and windows to be registered with AAAMSA
- Powder coating to windows and doors to be supplied by a manufacturer complying with SANS 1578 and applied in accordance with SANS 1796 by an approved applicator
 1. **Supply and install ALUMINIUM DOOR FRAMES**
 2. **Supply and install ALUMINIUM WINDOWS**
 3. **Supply and install ALUMINIUM DOORS**

C.7.1.10 PLASTERING

Exposed salient angles shall be neatly rounded to 18mm radius on screeded steps

SCREED

- Screeds (1:3) wood floated on concrete.
- Screeds (1:3) steel floated on concrete.

INTERNAL PLASTER

- Supply and apply 13mm Cement plaster (1:5) steel floated on brickwork

EXTERNAL PLASTER

- Supply and apply 13mm Cement plaster (1:5) steel floated on brickwork.

C.7.1.11 TILING**WALL TILING**

- Supply and install 100 x 200mm "Gloss White" Metro Blanco Bisaldo glass glazed ceramic wall tiles fixed with approved special adhesive, 3mm joints raked out and flush pointing grey grouting to plaster.

FLOOR TILING

- Supply and install 300 x 300 x 8.5mm Salt & Pepper slip resistant porcelain floor tiles fixed to floors with TAL Gold Star 6 rapid setting tile adhesive and dark grey Tal professional tile grout to 4mm joints

EDGE TRIMS

- All edges must be trimmed neatly.

C.7.1.12 PLUMBING AND DRAINAGE (PROVISIONAL)**SANITARY FITTINGS**

- Supply and apply stainless steel Top grade 430
- Supply and install "Franke" sanitary fittings

WASTE UNIONS ETC

- Supply and install "Franke" waste unions, etc.

TRAPS ETC

- a) Supply and install "Cobra Watertech" traps, etc.
- b) Supply and install "Franke"
 - i. 90mm Grey Spazio/ Spazi F/1 single bowl outlet plumbing kit, comprising traps, joints, reducers, etc
 - ii. 90mm Grey Spazio/ Spazi F/1 double bowl outlet plumbing kit, comprising traps, joints, reducers, etc

TAPS, VALVES, ETC

- Supply and install "Cobra Watertech" taps, valves, etc.

SANITARY PLUMBING

- Supply and install uPVC pipes including fittings.

SOIL DRAINAGE

- Supply and install uPVC pipes 110mm Pipes, including excavations and backfilling and 110mm Long radius bend.

WATER SUPPLIES

- Supply and install Class 1 copper pipes including capillary fittings.
- Supply and install Stainless steel braided hose service pipes.

ELECTRIC WATER HEATERS

- Supply and install Approved 30 Litre undercounter electric water heater (1.5kW)

C.7.1.13 PAINTWORK

- Contractor to supply Architect and Client with guarantee certificates issued by an official representative from Plascon. Contractor to contact representative prior to application of the paint methods listed below.
- Paint to have maintenance cycle of 12 years in a C3 - industrial environment.

PREPARATORY WORK TO EXISTING WORK

- Previously painted plastered surfaces
- Previously painted metal surfaces
- Previously painted wood surfaces

PAINTWORK ETC TO PREVIOUSLY PAINTED WORK ON BRICKWORK WITH RECESSED JOINTS

- Prepare, sand down existing paint, Plascon universal undercoat (UC1) and two coats Antique Petal (DC 15 43) Plascon "Velvagro" paint (Method 4)

ON FLOATED PLASTER

- Prepare, sand down existing paint, one coat plascon universal undercoat (UC1) and two coats Antique Petal (DC 15 43) Plascon "Velvagro" paint (Method 4)
- Prepare, sand down existing paint, one coat Plascon universal undercoat (UC1) and two coats White Plascon "Wall 'n All" paint (Method 3)
- Prepare, sand down existing paint, one coat Plascon universal undercoat (UC1) and two coats Charcoal Grey Rust-Oleum chalk paint (Method 4)

ON WOOD

- Sand down, prepare, one coat professional wood primer, one coat professional all purpose universal coat and two coats Plascon Velvagro Satin (VLO) paint (Paint method 1) On doors.

ON METAL

- Scrap down existing paint, one coat Plascon Metal Primer, one coat universal undercoat and two coats Velvagro Satin paint on steel (Method 2) On door frames

PAINTWORK ETC TO NEW WORK ON FLOATED CONCRETE/ SCREED**ON FLOATED CONCRETE/ SCREED**

- Prepare and apply two coats medium grey epoxy floor paint On floors

ON FLOATED PLASTER

- Supply and apply One coat professional plaster primer (PP 700) diluted 5 parts primer to 1 part plascon mineral turpentine, one coat plascon universal undercoat and two coats Plascon "Velvagio" paint (Method 4)
- Supply and apply One coat professional plaster primer (PP 700) diluted 5 parts primer to 1 part plascon mineral turpentine, one coat plascon universal undercoat and two coats Plascon "Wall 'n All" paint (Method 6)

ON WOOD

- Supply and apply One coat professional wood primer (PP800) and one coat professional all-purpose undercoat (PU 800) (No paint, since stainless steel clad).

C.7.1.14 PAPERHANGING**PAPERHANGING**

- Supply Mirror cladding fixed to concrete by specialist
- Supply Reflective film to glass to match existing
- Supply Custom vinyl wrap fixed to brick wall by specialist

C.7.1. 15 ELECTRICAL INSTALLATIONS**ALTERATIONS**

- Isolate, disconnect and taking down existing fittings

POWER INSTALLATION**CONDUITS**

- Supply and install uPVC conduits chased into brick wall (20mm Diameter)

CONDUCTORS AND EARTHING CONDUCTORS

- Supply and install PVC insulated stranded copper conductors drawn into wire ways (2,5mm²)
- Supply and install Bare stranded copper earth conductors drawn into wire ways.

OUTLET BOXES, DRAW BOXES, ETC.

- Supply and fix Galvanized steel draw boxes, chased into brickwork, 100 x 100 x 50mm Deep box.

POWER FIXTURES

- Supply and fix Power fixtures with cover plates in outlet boxes (Outlet boxes elsewhere measured) 16A, 3-Pin Switched double socket outlet.

LIGHTING INSTALLATION**CONDUCTORS AND EARTHING CONDUCTORS**

- Supply and install PVC insulated stranded copper conductors drawn into wire ways (1,5mm²)
- Supply and install Bare stranded copper earth conductors drawn into wire ways 2,5mm² Together with PVC insulated copper conductors.

OUTLET BOXES, DRAW BOXES, ETC.

- Supply and install Galvanized steel draw boxes, chased into brickwork, 100 x 50 x 50mm Deep box.

EQUIPMENT

- Supply and install Light switches, etc. with cover plates in outlet boxes (Outlet boxes elsewhere measured)

LUMINAIRES AND EQUIPMENT

- Supply, store and install the luminaires or equipment with lamps, connections, etc. dropped in position including cutting holes in ceiling, additional bracing and hangers, etc.
- Provide electrical certificate of compliance for all electrical works.

TESTING & AS BUILTS**INSTALLATION****AIR-CONDITIONING**

Servicing of existing air-conditioning unit, including checking for gas, cleaning, etc

COLD ROOM INSTALLATION

Cold room installation by approved specialist, including doors, panels, floors, refrigeration, lighting, condensate drain, electrical supply, etc

C.7.1.14 PROJECT SPONSOR BOARD

a) Design, supply and install 1 x no.off sign boards with following:

- I. 1500mm wide x 2000mm high coloured sign board complete with:
 - 200mm dia. Treated timber post at 3500mm above ground, gauge 4500mm.
 - 200mm dia. Treated timber post stay at 2000mm above ground, gauge 3000mm.
 - 3mm thick chromadek back plate 1500mm wide x 2000mm high.
 - Fix timber posts and stays using galvanize M12 bolts, nut and washers Art or picture similar to the attached document (refer to the attach document)-Submit at least three art design for Foskor to choose from.

- II. Include vision and mission statement as per attached document (refer to the attach document)
 - III. Excavate and stockpile the in-situ material.
 - IV. Supply and cast 30MPa concrete block.
 - V. Backfill using in-situ materials.
1. Until otherwise notified, Foskor (Pty) Ltd have designated Mr. Humphrey Mabunda (Project Supervisor), Mr. Nhlakanipho Myeni (Project Supervisor) and Mr. Wandile Mhlongo (Project Engineer) to act as Foskor representatives, and they are authorized to give instructions and to provide information to you on Foskor's behalf.
 2. 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.
 3. Foskor's Health & Safety Representative will deal with all matters relating to the Health & Safety specifications and Construction Regulations relating to this assignment.
 4. 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.
 5. 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 is imperative for the successful Tenderer to liaise with the Foskor designated team leader and the school to ensure your correct awareness of safety prior site access.

Standard construction PPE (personal protective equipment/clothing) must be available at all times of accessing site.

Contractor vehicles must be identifiable. Be cautious of pupils and all other traffic in the area.

It shall be deemed that the prevailing conditions have been considered when tendering, therefore, any extras arising from failure to cognize all site conditions may not be admitted.

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

The following services exist on the site:

- Potable water
- Electrical cables

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).	refer C.3
2	Supply a copy of reference drawings if required.	refer C.6
4	Provide access to electricity connection points <ul style="list-style-type: none"> Any connection and consumption will be monitored by Tenderer and verified by Foskor on defined intervals (usually at the beginning and end of contract) 	ON REQUEST
5	Provide access to potable water <ul style="list-style-type: none"> 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 	ON REQUEST
6	Provide a suitable area for site establishment for Successful Tenderer (Contractor). <ul style="list-style-type: none"> 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) <ul style="list-style-type: none"> 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. 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. 	ON REQUEST
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. Project Supervisor/ Manager)	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 Foskor (Pty) Ltd, 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. Electrical, National Home Builders Registration Council, 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 attention any previously unspecified or obstructing services existing in his area of work and 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 Foskop (Pty) Ltd, after approval (with consideration for the construction, completion and defects corrections of the Works) by the Foskop (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 invoice.

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

The invoice submitted is to be in a format acceptable to the Foskop (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 of time measured in hours, when the Contractor's normal operational cycle is affected by causes caused by Foskop (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 Foskop (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 Foskor (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, Foskor (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 Foskor (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 Foskor (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 Foskor (Pty) Ltd Project Representative
- ii. Submit **written notice** to the Foskor (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 Foskor (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 Foskor (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 Foskor (Pty) Ltd Project Representative.

- iv. In the event of failure to comply to any of the provisions, the claim would not be accommodated and Foskor (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 sequestrated (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
 - (v) 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 SHREQ Requirements**

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

- Compliance with COP6 (Contractor Management).
- Compliance and signing of Section 37(2) Agreement in terms of the OHSAct at the Foskor (Pty) Ltd Safety Department.
- Compliance with Legislation requirements which includes the OHSAct, NEMA (National Environment Management Act) and other relevant applicable Legislation.

* *copy of requirements available from Foskor SHREQ Department.*

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, suppliers, contractors/consultants and suppliers.

A copy of the EMP requirements is available from Foskor (Pty) Ltd SHREQ department.

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

Waste disposal needs to comply to Foskor (Pty) Ltd Waste Management Plan.

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 health and safety induction training course by a Foskor competent person before entering site.

- a. The Contractor shall ensure all his/her personnel have attended the Safety Induction, by Foskor (Pty) Ltd before they enter site.
- b. The Contractor on entering site, must wear minimum required PPE at all times namely overalls and safety boots or steel cap gumboots.
- c. The Contractor shall demarcate the relevant work area. The Contractor shall supply and erect an appropriate name board with all relevant information and contact details at the work area.
- d. The job risk assessment shall be carried out at the start of each day. This continuous risk assessment shall cover all activities planned and carried out for the relevant day. The risk assessment shall be submitted to Foskor (Pty) Ltd at the start of each day
- e. The Contractor must take safety precautions when working on site.
- f. The Contractor must remove all their equipment within 48 hours after project completion/closure.
- g. A complete safety file to be submitted to Foskor (Pty) Ltd Safety Department before any work commences.
- h. The Contractor's vehicle when entering the school site must have visible company identification on at all times.
- i. The Contractor and their employees must undergo a medical to ensure employee wellness and fitness for tasks and activities.
- j. No access to elevated platforms, roof and scaffolding will be allowed during rainy days.

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 Foskor Regulations and Safety Standards.
- b) The Contractor shall fully comply with the OHS Act (Act 85 of 1993).

IMPORTANT NOTE

The above is a summary of some of 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 valid reason. 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 FIDIC 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 piece of equipment. The QCP must be approved by Foskor before commencement of any work.

C.11.1 Quality Control:

- i. A detailed QCP (Quality Control Plan) shall be submitted within 3 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 (Contractor) to give Foskor (Pty) Ltd timely notice of hold and witness points requiring their intervention.

C.12. Summary of Documents to be Submitted with this Tender:

1. Priced Bill of Quantities
2. Initial programme (Bar Chart/Gantt Chart)/Project schedule
3. Tracible record of similar contracts
4. Project team organogram
5. CIBD 3 GB grading
6. Site inspection certificate as per page 15
7. Proof of registration with NHBRC
8. Guarantees as per scope of work and bill of quantities.

Section D – Bill of Quantities

FOSKOR: RICHARDS BAY

RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p><u>BILL No 1</u></p> <p><u>PRELIMINARIES AND GENERAL</u></p> <p>Note: A rate shall be entered in the amount column for each item. Items which are included should have the word "included" written in the appropriate column. All items not priced shall be deemed to be included elsewhere in the unit rates and no claim in this regard shall be entertained</p> <p><u>SCOPE OF WORK</u></p> <p>The scope of the work is as indicated on the tender/ construction drawings, comprising refurbishment of Richards Bay High School hospitality room, consisting of restaurant, stores, kitchen and cold room</p> <p><u>FIXED CHARGE ITEMS</u></p>				
1	<p>Contractual requirements</p> <p>Comprehensive breakdown of any cost claimed under this item needs to be provided with the tender</p> <p><u>Establishment of Facilities on the Site</u></p> <p><u>Facilities for Contractor</u></p>	Item	1		-
2	Offices and storage sheds	Item	1		-
3	Ablution and latrine facilities	Item	1		-
4	Tools and equipment	Item	1		-
5	Water supplies, electric power, communications, etc	Item	1		-
6	Dealing with water (Subclause 5.5)	Item	1		-
7	Access (Subclause 5.8)	Item	1		-
8	Pollution (Subclause 5.6)	Item	1		-
9	Plant, including scaffolding	Item	1		-
10	Setting out of pegs	Item	1		-
11	Insurance	Item	1		-
12	Security of the works	Item	1		-

FOSKOR: RICHARDS BAY
RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
13	General responsibilities and other fixed-charge obligations, including registered with NHBRC	Item	1		-
14	Removal of site establishment on completion	Item	1		-
	<u>Occupational Health and Safety Requirements</u>				
15	a) Quality Assurance Plan to be handed over to engineer for approval prior to site handover (QC/QA)	Item	1		-
16	b) Preparation of Health and Safety Plan and submission of Health and Safety File	Item	1		-
17	c) Health and Safety Training, inductions, KBC, etc	Item	1		-
18	d) Medical examinations	Item	1		-
19	e) Personal Protective Clothing and Equipment	Item	1		-
20	f) Fences, Signs and Barricades	Item	1		-
21	g) Establishment of Safety Administration	Item	1		-
22	h) Risk assessment at commencement of project	Item	1		-
23	i) Other Health and Safety Fixed-charge and value related charged obligations	Item	1		-
	<u>TIME RELATED ITEMS</u>				
24	Contractual requirements (Calculated over contract period)	Item	1		-
	<u>Operation and Maintenance of Facilities on the Site, for Duration of Construction (unless otherwise stated)</u>				
	<u>Facilities for Contractor</u>				
25	Offices and storage sheds	Item	1		-
26	Ablution and latrine facilities	Item	1		-
27	Tools and equipment	Item	1		-
28	Water supplies, electric power, communications, etc	Item	1		-
29	Dealing with water (Subclause 5.5)	Item	1		-
30	Pollution (Subclause 5.6)	Item	1		-
31	Access (Subclause 5.8)	Item	1		-

FOSKOR: RICHARDS BAY
RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
32	Plant, including scaffolding	Item	1		-
33	Supervision for the duration of contract	Item	1		-
34	Site meetings	Item	1		-
35	Insurance	Item	1		-
36	Security of the works	Item	1		-
37	Notice before covering the works	Item	1		-
38	Company and head office overhead costs for contract period	Item	1		-
39	General responsibilities and other time related obligations (Calculated over contract period)	Item	1		-
	<u>Occupational Health and Safety Requirements</u>				
40	a) Comply with Approved Quality Assurance Plan and requirements	Item	1		-
41	b) Implementation and maintenance of Health and Safety Plan	Item	1		-
42	c) Provision of Construction Safety Officer(s)	Item	1		-
43	d) Implementation and maintenance of Training	Item	1		-
44	e) Maintenance of Personal Protective Clothing and Equipment	Item	1		-
45	f) Interim task related risk assessment	Item	1		-
46	g) Maintenance of Fences, Signs and Barricades	Item	1		-
47	h) Implementation and maintenance of Safety Administration	Item	1		-
48	i) Other Health and Safety Time-related Obligations	Item	1		-
	Carried Forward to Summary				-

FOSKOR: RICHARDS BAY

RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>BILL No 2</u> <u>ALTERATIONS</u>				
	<u>SUPPLEMENTARY PREAMBLES</u>				
	<u>Removal of demolition work</u>				
	Demolition work shall be deemed to include for the loading of demolished work onto trucks and dumped at approved dumping site				
	<u>REMOVAL OF EXISTING WORK</u>				
	<u>Breaking up and removing reinforced concrete including cutting off and removing reinforcement</u>				
1	Concrete v-drain 100mm thick	m2	3		-
2	300mm Diameter decorative concrete pillars, 3000mm high	No	2		-
	<u>Breaking down and removing brickwork</u>				
3	Half brick wall	m2	13		-
	<u>Lift up existing paving bricks and neatly stockpile in area indicated by the client</u>				
4	Clay paving bricks	m2	15		-
	<u>Taking out and removing doors, windows, etc from brickwork</u>				
5	Timber sliding single door and frame 813 x 2100mm high from half brick wall and make good edges with plaster (Paintwork elsewhere measured)	No	1		-
6	Timber double door and steel frame 1620 x 2100mm high from half brick wall and make good edges with plaster (Paintwork elsewhere measured)	No	1		-
7	Glazed aluminium window, overall size 2140 x 1764mm high from one brick wall	No	2		-
8	Steel gate and frame, overall size 1000 x 3000mm high from one brick wall and set aside for re-use	No	1		-
	<u>Taking out and removing doors, windows, etc from brickwork to be demolished</u>				
9	Timber single door and steel frame 813 x 2100mm high from half brick wall	No	1		-
	<u>Taking out and removing sundry joinery work</u>				
10	Timber skirtings from brickwork	m	105		-
	<u>Taking out and removing joinery fittings, etc</u>				
11	500mm Wide shutter ply shelves from steel brackets and hand over to the client	m	20		-

FOSKOR: RICHARDS BAY

RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
12	600mm Wide counter tops, including timber bearers, brackets, etc	m	2		-
13	Floor cupboard, 550 x 900mm high	m	5		-
14	Floor cupboard, 635 x 900mm high	m	6		-
15	Kitchen floor cupboard, 500 x 900mm high with timber worktop, including disconnecting waste pipe (Removal of worktop and sink elsewhere measured)	m	1		-
16	Kitchen floor cupboard, 550 x 900mm high, including disconnecting waste pipe (sink elsewhere measured)	m	14		-
17	Cupboard, 600 x 2100mm high	m	5		-
	<u>Taking up, removing vinyl floor coverings, carpeting, etc</u>				
18	Vinyl tiles from floors, including stripping off glue and prepare floors for new tiles	m2	79		-
19	Carpet tile floor covering, including stripping off glue and preparing floors for new floor finish	m2	103		-
	<u>Taking down and removing ironmongery from brickwall and hand over to client</u>				
20	Softboard pinboards from wall exceeding 2m2 and not exceeding 4m2	No	2		-
21	Green board from wall exceeding 2m2 and not exceeding 4m2	No	1		-
22	Hand soap dispenser from wall and set aside for re-use	No	3		-
23	Paper towel dispenser from wall and set aside for re-use	No	2		-
24	Blinds from window opening, 2140 x 1784mm high	No	2		-
25	Curtain rod and brackets from beam, 3m long	No	1		-
	<u>Hacking up/off and removing ceramic tile floor and wall finishes including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster or tile finishes</u>				
26	150 x 150mm Splashback tiles from walls	m2	10		-
	<u>Taking out and removing piping, sanitary fittings, etc including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>				

FOSKOR: RICHARDS BAY

RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
27	15mm Copper piping including fittings and brackets	m	15		-
28	Stainless steel sink and drainer, removed from timber cupboard, including taps (removal of cupboard elsewhere measured)	No	1		-
29	Stainless steel sink and drainer removed from timber cupboard, including taps and set aside for re-use (removal of cupboard elsewhere measured)	No	8		-
30	Remove geyser from wall, rotate and reinstall in new position	No	1		-
	<u>INSTALLATION OF EXISTING WORK</u>				
	<u>Refixing of existing doors, windows, etc (removal and setting aside elsewhere)</u>				
31	Steel gate and frame, overall size 1000 x 3000mm high from one brick wall and set aside for re-use	No	1		-
	<u>Relay existing clay paving bricks with butt joints laid to match existing pattern on 20mm thick river sand bed with sand and cement mixture swept into joints hosed down including rolling to locked-up conditions. etc</u>				
32	Clay paving bricks	m2	10		-
33	Straight and raking cutting	m	6		-
	<u>Refixing of existing ironmongery to brickwalls</u>				
34	Hand soap dispenser	No	3		-
35	Paper towel dispenser	No	2		-

FOSKOR: RICHARDS BAY
RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>Clean, setting up and refixing of sanitary fittings in new position, including connecting to water and waste piping</u>				
36	Stainless steel sink and drainer ontop of dwarf brick walls, including existing taps, new waste union and flexible hoses, connecting up to piping and sealant all around fitting	No	8		-
	<u>CUTTING THROUGH FLOORS</u>				
	<u>Sleeves for future gas stoves</u>				
37	Cutting through 85mm thick concrete surface bed 100mm wide	m	15		-
38	50mm uPVC sleeve, in including excavation for trenches and backfilling to 95% MOD AASHTO	m	15		-
39	22mm Copper pipes for gas laid in sleeves	m	15		-
40	22mm Copper fittings	No	10		-
41	22mm Shut off valve	No	3		-
42	Making good concrete, comprising 25MPa unreinforced concrete 85mm thick x 100mm wide, one layer DPC, soil poison, etc	m	15		-
	<u>OPENINGS THROUGH EXISTING WALLS ETC</u>				
	<u>Altering openings</u>				
43	Altering opening in half brick wall where 813 x 2100mm high door removed to form opening for new double door and frame 1600 x 2215mm high overall by breaking out brickwork on side, including new precast concrete lintol and making good plaster on both sides and into reveals and with concrete threshold (new door and making good paintwork elsewhere)	No	1		-
44	Altering opening in one brick wall where 2140 x 1764mm high aluminium window removed to form opening for new double door and frame 2140 x 2856mm high overall by breaking out brickwork on bottom and making good plaster on one side and into reveals and face brickwork on other side and into reveals and with concrete threshold (new aluminium door and making good paintwork elsewhere)	No	1		-

FOSKOR: RICHARDS BAY

RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
45	<p><u>Breaking out for and forming openings through brick walls for new plain openings including necessary precast concrete lintels and making good plaster on both sides and into reveals (making good paintwork elsewhere)</u></p> <p>Plain opening, 700 x 400mm</p>	No	1		-
	Carried Forward to Summary				-

FOSKOR: RICHARDS BAY

RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>BILL No 3</u> <u>EARTHWORKS</u> <u>SUPPLEMENTARY PREAMBLES</u> <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</u> <u>Excavation in earth not exceeding 2m deep</u>				
1	Reduce levels under floors	m3	1		-
	<u>Keeping excavations free of water</u>				
2	Keeping excavations free of all water other than subterranean water	Item	1		-
	<u>Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 95% Mod AASHTO density</u>		2		-
3	Under ramp, shaped to slope	m3	1		-
	<u>Coarse river sand filling selected from excavated material</u>				
4	Under floors etc	m3	0.2		-
	<u>Compaction of ground surface, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 95% Mod AASHTO density with plate compactor</u>				
5	Under ramp	m2	5		-
	<u>SOIL POISONING</u> <u>Soil insecticide</u>				
6	Under floors and paving etc including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m2	5		-

FOSKOR: RICHARDS BAY

RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
7	<u>Termite, insect and wood borer poison inside building</u> Along edges between wall and internal concrete floors	m	104		-
	<u>SLEEVES</u>				
	<u>uPVC</u>				
8	50mm Diameter stormwater sleeve under ramp	m	2		-
	Carried Forward to Summary				-

FOSKOR: RICHARDS BAY

RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>BILL No 4</u> <u>CONCRETE, FORMWORK AND REINFORCEMENT</u> <u>SUPPLEMENTARY PREAMBLES</u> <u>Cost of tests</u> <p>The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SANS 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 engineer. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the engineer. (Test cubes are measured separately)</p> <u>Formwork</u> <p>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</p> <u>REINFORCED CONCRETE</u> <u>25MPa/19mm Concrete</u>				
1	Ramp	m3	1		-
2	Slab (Shelves)	m3	1		-
	<u>Test blocks</u> 3 Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	No	3		-
	<u>CONCRETE SUNDRIES</u> <u>Finishing top surfaces of concrete to an even ribbed non-slip finish</u>				
4	Ramps	m2	5		-
	<u>SMOOTH FORMWORK (DEGREE OF ACCURACY II)</u> <u>Smooth formwork to sides</u>				
5	Edges of risers not exceeding 300mm high	m	7		-

FOSKOR: RICHARDS BAY

RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>MOVEMENT JOINTS ETC</u>				
	<u>Expansion joints with 10mm softboard between vertical concrete and brick surfaces</u>				
6	10mm Joints not exceeding 300mm high	m	2		-
	<u>REINFORCEMENT (PROVISIONAL)</u>				
	<u>Mild and high tensile steel reinforcement to structural concrete work</u>				
7	Various diameter bars	kg	45		-
	<u>Fabric reinforcement</u>				
8	Ref 193 fabric reinforcement in concrete surface beds, etc	m2	5		-
	<u>PRECAST CONCRETE</u>				
	<u>25MPa Precast concrete slab with smooth formwork to soffits and sides and smooth steelfloated finish to top, including reinforcing bars at 85kg/m3</u>				
9	865 x 600 x 85mm Thick Slab	No	1		-
10	75 x 75mm Hot dipped galvanised steel angle supports fixed to brick wall with and including masonry anchors	m	2		-
	Carried Forward to Summary				-

FOSKOR: RICHARDS BAY

RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>BILL No 5</u> <u>MASONRY</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>Precast prestressed concrete lintol</u> Contractor to provide a certificate issued by manufacturer certifying that the lintol is adequate for it's purpose in terms of span, loading, number of courses of brickwork and method of brickwork construction above, the minimum bearing length required at each bearing end as well as nature and period of propping required <u>SUPERSTRUCTURE</u> <u>Brickwork of burnt clay common bricks in class II mortar</u>				
1	Half brick dwarf walls	m2	19		-
2	One brick walls	m2	10		-
3	One brick walls circular on plan	m2	2		-
	<u>BRICKWORK SUNDRIES</u> <u>Joint forming material in movement joints</u>				
4	10mm Bitumen impregnated fibre board not exceeding 300mm wide built in vertically between brick wall junction	m	27		-
	<u>Brickwork reinforcement</u>				
5	75mm Wide reinforcement built in horizontally	m	75		-
6	150mm Wide reinforcement built in horizontally	m	50		-

FOSKOR: RICHARDS BAY
RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>Galvanised hoop iron cramps, ties, etc</u>				
7	25 x 1,2mm Hoop iron 600mm long with one end fixed to existing wall and other end built into brickwork	No	95		-
	Carried Forward to Summary				-

FOSKOR: RICHARDS BAY

RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>BILL No 6</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 250 micron "Consol Plastics Gunplas USB Green" waterproof sheeting sealed at laps with "Gunplas Pressure Sensitive Tape"</u>				
1	Under surface bed	m2	5		-
	<u>JOINT SEALANTS ETC</u> <u>Clear silicone sealing compound or similar approved</u>				
2	Around aluminium windows and doors	m	35		-
	<u>Sikaflex Pro 3 I-cure sealing compound or similar approved including raking out softboard, backing cord, bond breaker, primer, etc</u>				
3	10 x 10mm In expansion joints in floors	m	2		-
4	10 x 10mm In expansion joints in walls	m	54		-
	Carried Forward to Summary				-

FOSKOR: RICHARDS BAY
RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>BILL No 7</u>				
	<u>CARPENTRY AND JOINERY</u>				
	<u>DOORS</u>				
	<u>Solid core doors</u>				
1	44mm Double door 1600 x 2125mm high	No	1		-
2	Extra over solid core door for 300mm diameter porthole windows with aluminium frame and 6,38mm laminated safety glass panel	No	2		-
	<u>Stainless steel</u>				
3	5mm Thick steel panel fixed to door 800 x 2125mm high	No	4		-
4	Extra over plate for 300mm diameter porthole window opening to match over timber door .	No	4		-
	<u>WORKTOPS</u>				
	<u>28mm Thick Eezi Quartz, complete with curved edging, including sealant to edges against wall and around fittings (Color to be confirmed with Project Manager before ordering)</u>				
5	600mm Wide worktop ontop of cupboards (cupboards elsewhere measured)	m	17		-
6	600mm Wide vanity top ontop of gallows brackets (brackets elsewhere measured)	m	-		-
7	Extra over 28mm thick easy quartz for circular cutting to edge of worktop at 301mm radius	No	1		-
8	Extra over 28mm thick easy quartz for circular cutting to edge of worktop at 591mm radius	No	1		-
9	Extra over 28mm thick easy quartz for circular cutting to edge of worktop at 688mm radius to suit curve of wall and 591mm radius to suit curve of top worktop	No	1		-
10	Extra over 28mm thick easy quartz for cutting waste opening of 100mm diameter (prep bowl elsewhere measured)	No	2		-

FOSKOR: RICHARDS BAY

RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>FITTINGS</u> All cupboards are to allow for design, fabricate, supply, deliver and install The following cupboard fittings have been measured as complete units i.e. the components of the units have not been separately measured. The descriptions, therefore, of such units shall be deemed to include all components, assembling, housing, notching, glueing, blocking, planting on and screwing with countersunk screws, edge strips, decorative plastic finish, glass, ironmongery, metalwork, paint or varnish finishes, etc <u>Floor cupboard, sides, bottom, shelves, back, etc timber to be termite and insect resistant, treated for insects and termites, after treatment wood to be wrapped with PVC vinyl that is termite and insect resistant (Color and finish to be confirmed by Architect)</u>				
11	2000 x 600 x 900mm high Floor cupboard, comprising four doors with pair of Gelmar offset hinges (Code 146) per leaf and Gelmar flat arch handle per leaf (Code 8221) <u>Cupboard doors fixed to dwarf brick walls, doors comprising timber that is termite and insect resistant, treated for insects and termites, after treatment wood to be wrapped with PVC vinyl that is termite and insect resistant (Color and finish to be confirmed by Architect)</u>	No	1		-
12	Single door, 360 x 850mm high, including 1 pair Gelmar straight hinges with 10mm plate (Code 140), Gelmar flat arch handle (Code 8221) and rubber doorstop seal fixed to concrete shelf for both doors	No	4		-
13	Double door, 760 x 850mm high, including 1 pair Gelmar offset hinges with 10mm plate (Code 146) per leaf and Gelmar flat arch handle per leaf (Code 8221)	No	4		-
14	Double door, 880 x 850mm high, including 1 pair Gelmar offset hinges with 10mm plate (Code 146) per leaf, Gelmar flat arch handle per leaf (Code 8221) and rubber doorstop seal fixed to concrete shelf per leaf	No	1		-

FOSKOR: RICHARDS BAY

RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>Wine shelves suspended from concrete roof slab, comprising 50mm thick top, sides and bottom timber with aluminium support poles, where timber is termite and insect resistant, treated for insects and termites and after treatment wood to be wrapped with PVC vinyl that is termite and insect resistant (Color and finish to be confirmed by Architect)</u>				
15	1365 x 264 x 990mm high (Refer to drawing R2023-26-WD-400-00)	No	2		-
	<u>30mm Thick floating shelves fixed to brick walls, including steel supports, masonry anchors, etc, where timber is termite and insect resistant, treated for insects and termites and after treatment wood to be wrapped with PVC vinyl that is termite and insect resistant (Color and finish to be confirmed by Architect)</u>				
16	200mm Wide x 1200mm long	No	3		-
	<u>Stainless steel shelves fitted/ fixed to existing steel band and bracket shelving system</u>				
17	300mm Wide	m	14		-
18	450mm Wide	m	5		-
	<u>FURNITURE</u>				
	All provisional sums cover supply of material and equipment and installation. Provisional sums are nett and do not include builder's discount (excluding settlement discount) and Value-Added Tax but the Tenderer may allow under "Profit" items any profit he considers necessary				
19	Allow the Provisional Sum of R 50 000,00 (Fifty Thousand Rand) for loose furniture, including stainless steel four tier shelving, etc	Item	1		-
20	Add for profit	Item	1		-
21	Allow for general attendance	Item	1		-
	Carried Forward to Summary				-

FOSKOR: RICHARDS BAY

RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p>BILL No 8</p> <p><u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Descriptions:</u></p> <p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete</p> <p>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</p> <p><u>NAILED UP CEILINGS</u></p> <p><u>12mm "CAPCO" plasterboard bulkhead shall comprise 52 x32 x 0.5mm studs and 52 x 25 x 0.5mm track or 52mm curved drywall tracks for curved sections. Tracks to be fitted to conical timber structure above and to 38 x 38mm ceiling battens with 32mm Grabber screws. Studs to be fitted vertically at 400mm centres and 200mm centers for curved sections to top curved track. Fit bottom corner track to 38 x 38mm ceiling battens. Fix all stud and track joints with 4.2 x 13mm wafer-tek screws to steelwork and steelwork to timber with 32mm Grabber screws. Fix 6.5mm "CAPCO" Plasterboard to vertical sections and 12mm "CAPCO" Plasterboard to horizontal sections. Fix plasterboard tapered edges facing outwards with 25mm drywall screws at 150mm centres. Fit Trim-Tex corner bead TT4010 and Archway Corner Bead TT4110 to bulkhead corner. All screws to be stopped with "CAPCO" jointing compound to a smooth finish. Apply 50mm wide self-adhesive glass fibre tape to all joints and finish with "CAPCO" jointing compound. Flush plaster entire ceiling with 4-6mm "RhinoLite Natural Plus" skim plaster.</u></p>				
1	Soffits of bulkhead, 600mm wide, suspended not exceeding 1,5m below concrete slab	m	40		-
2	Sides of bulkhead, 100mm high	m	46		-
	Carried Forward to Summary				-

FOSKOR: RICHARDS BAY
RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<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>PUSH PLATES AND KICKING PLATES</u> <u>Stainless steel</u>				
1	800 x 300mm Kickplate	No	4		Rate Only
2	800 x 300mm Kickplate	No	4		Rate Only
	<u>DOOR CLOSERS</u> <u>Union</u>				
3	Overhead door closer with regular arm (Code 7770) to suite single timber door including necessary mounting bracket fixed to brickwork	No	2		-
	<u>LETTERS, NAMEPLATES, ETC</u> <u>Photoluminescent' Fire and Directional signage as per DOWD Pezula Signage Solutions</u>				
4	150 x 150mm Perspex plate with arrows and fire extinguisher, fire hose reel or running man symbol	No	22		-

FOSKOR: RICHARDS BAY

RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>SUNDRIES</u>				
	<u>Union</u>				
5	40mm Diameter anodised silver aluminium doorstop fixed to floor (AL8730AS)	No	2		-
	Carried Forward to Summary				-

RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	BILL No 10 METALWORK SUPPLEMENTARY PREAMBLES All glazing to be manufactured and installed in accordance with SANS 10400 Part N and SANS 10137 All material used in glazed doors and windows to be AAAMSA tested. All glazing to comply with National Building Regulations Supplier, manufacturer or subcontractor of glazed doors and windows to be registered with AAAMSA Powdercoating to windows and doors to be supplied by a manufacturer complying with SANS 1578 and applied in accordance with SANS 1796 by an approved applicator ALUMINIUM DOOR FRAMES <u>1.6mm Single rebated frames with aluminium hinges suitable for half brick walls, powder coated with black (Q1258P Interpon D2525T, Qualicoat compliant, class 1 powder, applied by interpon approved applicator</u> 1 Frame for double door 1600 x 2125mm high (D02), with double action traffic swing door ALUMINIUM WINDOWS <u>Natural anodised purpose made aluminium windows with mechanically cleated corners, screw and plug fixed to reveals with clip-on glazing beads to match with neoprene seals and plugged to brickwork or concrete with minimum two fixing lugs per side, including matching beads and continuous rubber gaskets, wood pile gaskets on casement and frame and sealed to prevent any water penetration, accessories of stainless steel heavy duty friction hinges/ stays, double draft seals, powder coated aluminium window handle, etc</u> <u>Glazed with 6.38mm clear laminated safety Low-E float glass as per SANS 10400</u> 2 Window 2140 x 1764mm (W01), with two 1070 x 418mm fixed panes and four 535 x 1347mm stackable opening sections	No	1		-
		No	1		-

FOSKOR: RICHARDS BAY

RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	ALUMINIUM DOORS				
	<u>Natural anodised purpose made aluminium shopfronts, door and frame, comprising accurate mitred corners, screw and plug fixed to reveals with clip-on glazing beads to match with neoprene seals and plugged to concrete or brickwork with minimum two fixing lugs per side, hinges, locks, door handles, bolts, etc as per manufacturers specification</u>				
	<u>Glazed with 6.38mm clear laminated safety Low-E float glass as per SANS 10400</u>				
3	Glazed double door, overall size 2140 x 2856mm high (D01) (Entrance door)	No	1		-
	Carried Forward to Summary				-

FOSKOR: RICHARDS BAY
RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	BILL No 11 PLASTERING SUPPLEMENTARY PREAMBLES Exposed salient angles shall be neatly rounded to 18mm radius on screeded steps SCREED Screeds (1:3) wood floated on concrete				
1	25mm Thick on floors to be tiled	m2	99		-
	Screeds (1:3) steel floated on concrete				
2	25mm Thick on floors	m2	67		-
3	35mm Thick on floors	m2	15		-
	INTERNAL PLASTER 13mm Cement plaster (1:5) steelfloated on brickwork				
4	On walls to be painted	m2	58		-
5	On walls circular on plan	m2	4		-
	EXTERNAL PLASTER 13mm Cement plaster (1:5) steelfloated on brickwork				
6	On plaster band	m2	1		-
	Carried Forward to Summary				-

FOSKOR: RICHARDS BAY

RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p><u>BILL No 12</u></p> <p><u>TILING</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Descriptions</u></p> <p>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</p> <p>All ceramic wall and floor tiling fixed to surfaces with approved TAL tile adhesive with joints continuous in both directions and grouted with TAL tile grout, excess grout on surface to be cleaned with water as work proceeds</p> <p>All mosaic tiling to be fixed to walls with approved white TAL mosaic fix tile adhesive mixed with bonding liquid in lieu of water laid with joints continuous in both directions with TAL Goldflex grout applied with flexible spatula, excess grout to be removed with damp sponge and tiles to be washed of with Glint Tile Cleaner once grout has cured</p> <p><u>WALL TILING</u></p> <p><u>100 x 200mm "Gloss White" Metro Blanco Bisaldo glass glazed ceramic wall tiles fixed with approved special adhesive, 3mm joints raked out and flush pointing grey grouting to plaster</u></p>				
1	<p>On splashbacks</p> <p><u>FLOOR TILING</u></p> <p><u>300 x 300 x 8.5mm Salt & Pepper slip resistant porcelain floor tiles fixed to floors with TAL Gold Star 6 rapid setting tile adhesive and dark grey Tal professional tile arout to 4mm joints</u></p>	m2	13		-
2	On floors	m2	99		-
3	80mm High skirting	m	59		-
	<p><u>EDGE TRIMS</u></p> <p><u>PVC</u></p>				
4	9mm White round edge trim (PRE090.01)	m	20		-
	<u>Natural anodised aluminium edge trim</u>				
5	12mm Straight edge trim on floor edge	m	4		-
6	12mm M-trim movement joint, filled with 6mm wide dark grey polyurethane infill (BMJ120.09)	m	38		-
	Carried Forward to Summary				-

FOSKOR: RICHARDS BAY
RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	BILL No 13 <u>PLUMBING AND DRAINAGE (PROVISIONAL)</u> <u>SANITARY FITTINGS</u> <u>Stainless steel Top grade 430</u>				
1	750 x 500mm Single pot sink (SP900), with integral splashback at rear and fitted onto and including galvanised steel legs and supported on steel framework	No	1		-
	<u>Franke</u>				
2	450mm Diameter Rondo (RDX 610-45) stainless steel prep bowl (Code: 1990012) with no tap landing, including sealing along joints with sealant	No	1		-
	<u>WASTE UNIONS ETC</u> <u>Franke</u>				
3	90mm BSW Basket strainer prep bowl waste union	No	1		-
4	90mm Blister BSW sink waste union (Local code: 1120021)	No	1		-
	<u>TRAPS ETC</u> <u>Cobra Watertech</u>				
5	Chrome plated bottle trap 340 (Code: 340/N), comprising 75mm deep seal type, with adjustable telescopic waste connection pipe, 1 1/4 BSP female inlet connection, 1 1/4 BSP male iron outlet connection, brass body etc	No	1		-
	<u>Franke</u>				
6	90mm Grey Spazio/ Spazi F/1 single bowl outlet plumbing kit, comprising traps, joints, reducers, etc	No	5		-
7	90mm Grey Spazio/ Spazi F/1 double bowl outlet plumbing kit, comprising traps, joints, reducers, etc	No	4		-
	<u>TAPS. VALVES. ETC</u> <u>Cobra Watertech</u>				
8	15mm CP angle regulating valve (Code 232-10/N), with durable ABS handle, DZR body, flow regulating spindle type headpart G 1/2 x G 1/2 BSP connections	No	20		-
9	Nile single lever pillar type chrome sink mixer (NL-970), with flow rate restricted to 6 ltrs/ min G1/2 female connection ends	No	1		-
10	Wall mounted Ledimo sink mixer (LO-266/041/10/N), with aerated swivel outlet, 1/2 BSP male iron connection ends	No	1		-
	<u>SANITARY PLUMBING</u>				

FOSKOR: RICHARDS BAY

RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>uPVC pipes</u>				
11	50mm Pipes	m	25		-
	<u>Extra over uPVC pipes for fittings</u>				
12	50mm Access bend	No	22		-
13	50mm Access junction	No	1		-
	<u>SOIL DRAINAGE</u>				
	<u>uPVC pipes</u>				
14	110mm Pipes, including excavations and backfilling	m	5		-
	<u>Extra over uPVC pipes for fittings</u>				
15	110mm Long radius bend	No	3		-
16	110mm Junction	No	1		-
	<u>Sundries</u>				
17	Testing waste and drainage pipe system	Item	1		-
18	Closed gulley	No	1		-
19	Cutting into existing 110mm sewer line	No	1		-
	<u>WATER SUPPLIES</u>				
	<u>Class 1 copper pipes</u>				
20	15mm Pipes	m	20		-
21	22mm Pipes	m	40		-
	<u>Extra over class 1 copper pipes for capillary fittings</u>				
22	15mm Fittings	No	55		-
23	22mm Fittings	No	60		-
	<u>Stainless steel braided hose service pipes</u>				
24	15mm Service pipe 350mm girth	No	19		-
	<u>Sundries</u>				
25	Testing water pipe system	Item	1		-
	<u>ELECTRIC WATER HEATERS</u>				
26	Approved 30 Litre undercounter electric water heater (1.5kW)	No	1		-
	Carried Forward to Summary				-

FOSKOR: RICHARDS BAY
RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	BILL No 14 PAINTWORK <u>SUPPLEMENTARY PREAMBLES</u> Contractor to supply Architect and Client with guarantee certificates issued by an official representative from Plascon. Contractor to contact representative prior to application of the paint methods listed below. Paint to have maintenance cycle of 12 years in a C3 - industrial environment <u>PREPARATORY WORK TO EXISTING WORK</u> <u>Previously painted plastered surfaces</u> Surfaces shall be thoroughly washed down (pressure wash if necessary) 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>PAINTWORK ETC TO PREVIOUSLY PAINTED WORK</u> <u>ON BRICKWORK WITH RECESSED JOINTS</u> <u>Prepare, sand down existing paint, Plascon universal undercoat (UC1) and two coats Antique Petal (DC 15 43) Plascon "Velvaglo" paint (Method 4)</u>				
1	On internal walls	m2	21		-

FOSKOR: RICHARDS BAY

RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>ON FLOATED PLASTER</u>				
	<u>Prepare, sand down existing paint, one coat plascon universal undercoat (UC1) and two coats Antique Petal (DC 15 43) Plascon "Velvaglo" paint (Method 4)</u>				
2	On internal walls	m2	191		-
	<u>Prepare, sand down existing paint, one coat Plascon universal undercoat (UC1) and two coats White Plascon "Wall 'n All" paint (Method 3)</u>				
3	On concrete soffit	m2	181		-
	<u>Prepare, sand down existing paint, one coat Plascon universal undercoat (UC1) and two coats Charcoal Grey Rust-Oleum chalk paint (Method 4)</u>				
4	On internal walls	m2	20		-
	<u>ON WOOD</u>				
	<u>Sand down, prepare, one coat professional wood primer, one coat professional all purpose universal coat and two coats Plascon Velvaglo Satin (VLO) paint (Paint method 1)</u>				
5	On doors	m2	16		-
	<u>ON METAL</u>				
	<u>Scrap down existing paint, one coat Plascon Metal Primer, one coat universal undercoat and two coats Velvaglo Satin paint on steel (Method 2)</u>				
6	On door frames	m2	8		-
	<u>PAINTWORK ETC TO NEW WORK</u>				
	<u>ON FLOATED CONCRETE/ SCREED</u>				
	<u>Prepare and apply two coats medium grey epoxy floor paint</u>				
7	On floors	m2	83		-

FOSKOR: RICHARDS BAY

RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>ON FLOATED PLASTER</u>				
	<u>One coat professional plaster primer (PP 700) diluted 5 parts primer to 1 part plascon mineral turpentine. one coat plascon universal undercoat and two coats Plascon "Velvagro" paint (Method 4)</u>				
8	On internal dwarf walls	m2	62		-
	<u>One coat professional plaster primer (PP 700) diluted 5 parts primer to 1 part plascon mineral turpentine. one coat plascon universal undercoat and two coats Plascon "Wall 'n All" paint (Method 6)</u>				
9	On plaster band	m2	1		-
10	On bulkheads	m2	30		-
	<u>ON WOOD</u>				
	<u>One coat professional wood primer (PP800) and one coat professional all purpose undercoat (PU 800) (No paint, since stainless steel clad)</u>				
11	On doors	m2	7		-
	Carried Forward to Summary				-

FOSKOR: RICHARDS BAY

RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>BILL No 15</u> <u>PAPERHANGING</u> <u>PAPERHANGING</u> <u>Mirror cladding fixed to concrete by specialist</u> <i>Dimensions to be taken on site before fabricating</i>				
1	300 x 3000mm	No	4		-
2	330 x 3000mm	No	4		-
	<u>Reflective film to glass to match existing</u> <i>Dimensions to be taken on site before fabricating</i>				
3	Film to windows size, 2140 x 1764mm	No	3		-
	<u>Custom vinyl wrap fixed to brick wall by specialist</u> <i>Dimensions to be taken on site before fabricating</i>				
4	5540 x 1274mm	No	1		-
	Carried Forward to Summary				-

FOSKOR: RICHARDS BAY
RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	BILL No 16 <u>ELECTRICAL INSTALLATION</u> <u>Preambles</u> For preambles see "Standard Preambles to all Trades". <u>Descriptions and Preambles</u> Tenderers are referred to Trades to follow hereafter for preambles and full description of materials and items not fully described in this Trade and which shall apply equally to work in this Trade, unless otherwise described. <u>Trade Names and Proprietary Products:</u> All descriptions or clauses where trades names or proprietary products are specified, are deemed to include the phrase "or other approved". <u>ALTERATIONS</u> <u>Isolate, disconnect and taking down existing fittings</u>				
1	Chandelier light fittings and hand over to client for re-use at later stage	No	2		-
	<u>POWER INSTALLATION</u> <u>CONDUITS</u> <u>uPVC conduits chased into brickwall</u>				
2	20mm Diameter	m	35		-
	<u>CONDUCTORS AND EARTHING CONDUCTORS</u> <u>PVC insulated stranded copper conductors drawn into wire ways</u>				
3	2,5mm ²	m	180		-
	<u>Bare stranded copper earth conductors drawn into wire ways</u>				
4	2,5mm ² Together with PVC insulated copper conductors (measured elsewhere)	m	60		-

FOSKOR: RICHARDS BAY

RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>OUTLET BOXES, DRAW BOXES, ETC.</u>				
	<u>Galvanized steel draw boxes, chased into brickwork</u>				
5	100 x 100 x 50mm Deep box	No	7		-
	<u>POWER FIXTURES</u>				
	<u>Power fixtures with cover plates in outlet boxes</u> <u>(Outlet boxes elsewhere measured)</u>				
6	16A, 3-Pin Switched double socket outlet	No	7		-
	<u>LIGHTING INSTALLATION</u>				
	<u>CONDUCTORS AND EARTHING CONDUCTORS</u>				
	<u>PVC insulated stranded copper conductors drawn</u> <u>into wire ways</u>				
7	1,5mm ²	m	225		-
	<u>Bare stranded copper earth conductors drawn into</u> <u>wire ways</u>				
8	2,5mm ² Together with PVC insulated copper conductors	m	75		-
	<u>OUTLET BOXES, DRAW BOXES, ETC.</u>				
	<u>Galvanized steel draw boxes, chased into brickwork</u>				
9	100 x 50 x 50mm Deep box	No	1		-
	<u>EQUIPMENT</u>				
	<u>Light switches, etc. with cover plates in outlet boxes</u> <u>(Outlet boxes elsewhere measured)</u>				
10	16A, Two lever one way switch	No	1		-
	<u>LUMINAIRES AND EQUIPMENT</u>				
	<u>Supply, store and install the following luminaires or</u> <u>equipment with lamps, connections, etc. dropped in</u> <u>position including cutting holes in ceiling, additional</u> <u>brandering and hangers, etc.</u>				
11	6 Watt LED Ceiling mounted downlight	No	13		-
12	10 Watt LED Ceiling mounted light	No	4		-

FOSKOR: RICHARDS BAY
RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>TESTING & AS BUILTS</u>				
13	Testing and commissioning the complete	Item	1		-
	<u>INSTALLATION</u>				
14	Prepare and handing over of "As Built" drawings and provision of all test certificates	Item	1		-
15	Allow for inspection new and existing electrical layout and for the certificate of compliance	Item	1		-
	<u>AIR-CONDITIONING</u>				
16	Servicing of existing airconditioning unit, including checking for gas, cleaning, etc	No	1		-
	<u>COLD ROOM INSTALLATION</u>				
	All provisional sums cover supply of material and equipment and installation. Provisional sums are nett and do not include builder's discount (excluding settlement discount) and Value-Added Tax but the Tenderer may allow under "Profit" items any profit he considers necessary				
17	Allow the Provisional Sum of R 140 000,00 (One Hundred and Forty Thousand Rand) for cold room installation by approved specialist, including doors, panels, floors, refrigeration, lighting, condensate drain, electrical supply, etc	Item	1		-
18	Add for profit	Item	1		-
19	Allow for general attendance	Item	1		-
	Carried Forward to Summary				-

FOSKOR: RICHARDS BAY

RICHARDS BAY HIGH SCHOOL HOSPITALITY ROOM REFURBISHMENT

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>SUMMARY</u>				
1	Preliminaries and General				-
2	Alterations				-
3	Earthworks				-
4	Concrete, Formwork and Reinforcement				-
5	Masonry				-
6	Waterproofing				-
7	Carpentry and Joinery				-
8	Ceilings, Partitions and Access Flooring				-
9	Ironmongery				-
10	Metalwork				-
11	Plastering				-
12	Tiling				-
13	Plumbing and Drainage				-
14	Paintwork				-
15	Paperhanging				-
16	Electrical Installation				-
	Sub Total				-
	Sub Total				-
	<u>ADD:</u> VAT @ 15%		15%		-
	Allow 15% of the above sub total for Value Added Tax				-
	Total Carried Forward to Tender Form				-

Tender No. : FTP /24/MN Project Title : HOERSKOOL RICHARDSBAAI HOSPITALITY ROOM REVAMP Date : 01 February 2024				
No.	Returnable documents	Comments		
1	Submit initial Project schedule (Bar chart/Gantt chart)	Submit document proof	Mandatory	
2	Traceable Record of Similar Contracts Undertaken and References	Level of experience	Mandatory	
3	Project Team Organogram indicating C.V's of individuals	Level of competency of project team		
4	CIDB Certificate	Submit a valid minimum CIDB 3GB certificate	Mandatory	
5	Site Inspection Certificate	Signed by Foskor Project Leader	Mandatory	
6	Registration with NHBRC	Submit a valid NHBRC certificate		
7	Guarantees	Quality assurance		
8	Electrical certificate of compliance	Submit a valid certificate of compliance for electrical installation		
TECHNICAL REQUIREMENTS (Evaluation Criteria)				
No.	Technical Criteria Description	Contribution%	Proof/Documents to be submitted	Notes
1	Compliance - Compliance with Scope of Work Specifications - Weight not to be less than 20%			
a)	Certificate of compliance issued under the Electrical Installation Regulations, 1992. Scoring: Yes(Acceptable) = 20%, No(Not acceptable) = 0%	20%	Provide returnable documents as requested on section B.2 on page 9 of the tender document.	Tender returnable documents are essential for a complete evaluation of the bid.
b)				
2	Reliability - Supplier reliability to complete the project safely within time, quality and budget - Weight not to be less than 50%			
a)	Suitability of project schedule in alignment with Foskor guide as per B.2 of tender document presented within realistic timeline. Schedule matching Foskor expectations = 30% and 1% less for every week later. Scoring: Sliding scale from 30% (matching Foskor baseline schedule) to 0% <ul style="list-style-type: none"> • If project program is less or equal to 8 weeks = 30%; • If project program is greater or equal to 9 weeks = 20%; • If project program equals 10 weeks = 15%; • If project program equals 11 weeks = 10%; • If project program equals 12 weeks = 5%; • If project program equals 13 weeks = 0%; 	30%	Submit a proposed delivery schedule considering the urgency that Foskor has indicated on section B.2 of page 9 of the tender document.	How well the planned schedule matches Foskor's expectations. Require contractors to prepare detailed critical path schedule that show all tasks and activities that affect time, such as drawings and permits, preparation and testing, manufacture/fabrication lead times for materials, installation, and interrelationships between trades.
b)	Project guarantees for : <ul style="list-style-type: none"> • Manufacture/Supplier for waterproofing must provide a proof of 10 years guarantees = 6,6%; • Manufacture/Supplier for metalwork must provide a proof registration with AAAMSA = 6,6%; • Manufacture/Supplier for paintwork must provide a 10 years guarantee certificate issued by Plascon/Plascon official representative = 6,6%; Scoring: Yes (Acceptable) = 20%, No (Not acceptable) = 0,2%	20%	Submit valid guarantee certificate	Guarantees is an important indicator of the level of quality assurance of the project.

3	Competency - Supplier experience & team competency - Weight not to be less than 30%			
a)	<p>Supplier level of skill - Combination of formal academic and practical training.</p> <p>Evaluation of key personnel responsible for contract management, construction site management and managing health & safety of the project</p> <p>NQF level 2 to 5 is proportional from 1% to 5% respectively Or registration with NHBC = 5%.</p> <p>Relevant practical experience of 1 to 5 years is 1% to 5% respectively.</p> <p>Scoring: Sliding scale from 1% to 10% (in line with individual's formal/practical training)</p>	10%	Submit a project team structure indicating key personell as well as their level of competency.	A demonstration of the level of formal or practical training is an indication of the level of skill and competency of the supplier.
b)	<p>Track record and construction works experience - previous experience in similar work, environment, magnitude and complexity.</p> <p>Company previous experience with construction of alteration and modification building works greater than R500,000-00 in previous 5 years.</p> <p>3 previous relevant projects and greater = 20%.</p> <p>2 previous relevant projects = 10%.</p> <p>1 previous relevant project = 5%.</p> <p>Range: Highest = 20% and Lowest = 0%</p>	20%	Submit a list of projects undertaken and completed with description, time of project start and completion, project cost as well as references with contact details.	Records of previous projects successfully completed by the supplier provide an indication of the level of experience.

