forestry, fisheries & the environment

Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

INVITATION TO BID

BID NUMBER: DFFE-T003 (23-24)

APPOINTMENT OF A CIDB GRADED CONTRACTOR FOR THE CONSTRUCTION OF BUILDING WORKS (TOWER, ACCESS, ABLUTIONS, PARKING AREA, ETC) IN THE EASTERN CAPE (COFFEE BAY & HOLE IN THE WALL BEACH) FOR A PERIOD OF TWELVE (12) MONTHS FOR CONTRACTOR WITH 6GB OR HIGHER.

Contact persons:

Name : Ms. N. Mkhengcele
Cellphone No. : 043-722-3469 / 067-417-3699
E-Mail : nmkhengcele@dffe.gov.za

Name : Mr. L. Mafuma
Cellphone No. : 046-622-7223 / 073-134-3176
E-Mail : lm@mbb.co.za

NATIONAL TREASURY CENTRAL SUPPLIER DATABASE (CSD) REGISTRATION INFORMATION

Company name	Supplier registration number	Unique reference number	
			Main contractor
			Sub-contracted/ joint venture comp 1
			Sub-contracted/ joint venture comp 2

CLOSING DATE OF THE BID: 16 MAY 2023 AT 11H00
COMPULSORY BRIEFING SESSION WILL BE HELD AS FOLLOWS:
DATE: 26 APRIL 2023
TIME: 11H00 AM
Site 1 - Venue:Mthatha: Mqanduli - Coffee Bay Beach: GPS Co-ordinates 31°59'9.996"S; 29°8'50.0028"E (Coffebay beach - the site is 70km from Mqanduli town in the Umtata region).

Site 2 - Venue:Mthatha: Mqanduli - Hole in the Wall Beach: GPS Co-ordinates 32°03'.51"S; 29°11'.25" (Hole in the Wall beach - the site is 10km from Coffebay beach).

PART A
INVITATION TO BID /

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (*NAME OF DEPARTMENT/ PUBLIC ENTITY*)					
BID NUMBER:	DFFE-T003 (23-24)	CLOSING DATE:	16 MAY 2023	CLOSING TIME:	11:00
DESCRIPTION	**APPOINTMENT OF A CIDB GRADED CONTRACTOR FOR THE CONSTRUCTION OF BUILDING WORKS (TOWER, ACCESS, ABLUTIONS, PARKING AREA, ETC) IN THE EASTERN CAPE (COFFEE BAY & HOLE IN THE WALL BEACH) FOR A PERIOD OF TWELVE (12) MONTHS FOR CONTRACTOR WITH 6GB OR HIGHER.**				

BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT *(STREET ADDRESS)*

Department of Forestry Fisheries and the Environment; The Environment House,

473 Steve Biko Road; Cnr Soutpansberg and Steve Biko Road, Arcadia Pretoria /Tshwane

BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO		**TECHNICAL ENQUIRIES MAY BE DIRECTED TO:**	
CONTACT PERSON	SCM	CONTACT PERSON	Ms. N. Mkhengcele Mr. L. Mafuma
TELEPHONE NUMBER	012-399 9670/9671/9055	TELEPHONE NUMBER	043-722-3469 / 067-417-3699 046-622-7223 / 073-134-3176
FACSIMILE NUMBER	N/A	FACSIMILE NUMBER	N/A
E-MAIL ADDRESS	Tenders@dffe.gov.za	E-MAIL ADDRESS	nmkhengcele@dffe.gov.za lm@mbb.co.za

SUPPLIER INFORMATION

NAME OF BIDDER				
POSTAL ADDRESS				
STREET ADDRESS				
TELEPHONE NUMBER	CODE		NUMBER	
CELLPHONE NUMBER				
FACSIMILE NUMBER	CODE		NUMBER	
E-MAIL ADDRESS				
VAT REGISTRATION NUMBER				

SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		**OR**	CENTRAL SUPPLIER DATABASE No:	MAAA

B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	TICK APPLICABLE BOX] ☐ Yes ☐ No	B-BBEE STATUS LEVEL SWORN AFFIDAVIT	[TICK APPLICABLE BOX] ☐ Yes ☐ No

[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES & QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]

ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	☐Yes ☐No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN BASED SUPPLIER FOR **THE GOODS /SERVICES /WORKS OFFERED?**	☐Yes ☐No [IF YES, ANSWER PART B:3]

QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS

IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?	☐ YES ☐ NO
DOES THE ENTITY HAVE A BRANCH IN THE RSA?	☐ YES ☐ NO
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?	☐ YES ☐ NO
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?	☐ YES ☐ NO
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?	☐ YES ☐ NO

IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.

PART B
TERMS AND CONDITIONS FOR BIDDING

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

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

SIGNATURE OF BIDDER: ……

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

DATE: ……...

BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

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

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

2. Bidder's declaration

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

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

Full Name	Identity Number	Name of State institution

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

2.2.1 If so, furnish particulars:

---

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

……
……

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract?

YES/NO

2.3.1 If so, furnish particulars:

……
……

3 DECLARATION

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

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

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

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

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

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

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

3.6 I am aware that, in addition and without prejudice to any other remedy provided to

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

combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible impositionof administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.
I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

…… ……

Signature Date

…… ……

Position Name of bidder

forestry, fisheries & the environment
Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

TENDER NO: DFFE-T003 (23-24)

PROJECT NAME: EC - WFTC IP WORKING FOR THE COAST

DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT

VOLUME 1 – TENDERING PROCEDURES
VOLUME 2 – RETURNABLE DOCUMENTS
VOLUME 3 – THE CONTRACT

TENDER DOCUMENT

APRIL 2023

ISSUED BY:

DEPARTMENT OF FORESTRY FISHERIES AND THE ENVIRONMENT
PRIVATE BAG X447
ENVIRONMENTAL HOUSE
PRETORIA
0001

PREPARED BY:

MBB CONSULTING ENGINEERS
3 MILES STREET
MAKHANDA / GRAHAMSTOWN
6139

NAME OF THE TENDERER: .....

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T2.1. **List of Returnable Documents**
C1.1 Form of Offer and Acceptance
T2.2 **Returnable Documents required for tender evaluation purposes.**

1. SBD 4 - Bidder's Disclosure
2. Resolution of Board of Directors
3. Resolution of Board of Directors to enter into Consortia or Joint Ventures
4. Special Resolution of Consortia or Joint Ventures
5. Pre-Qualification Criteria
6. Functionality Evaluation Criteria
7. Pre-tender Site Inspection Meeting Certificate
8. SBD 6.1 - Preference Points Claim Form in Terms of the Preferential Procurement Regulations 2022
9. Schedule of Tenderer's Current and Completed Projects
10. Affidavit

T2.2.1 **Returnable Documents that will be incorporated into the contract.**

11. Record of Addenda to tender documents
12. Schedule for Imported Materials and Equipment
13. Credentials of electrical Contractor
14. Credentials of plumbing Contractor

T2.2.2 **Recommended returnable Documents: Other documents that will be incorporated into the Contract (special condition)**

15. SBD 6.2 - Declaration Certificate for Local Production and Content for Designated Sectors (Annexure C, D, E: Local & Imported Content Declarations).

T2.2.3 **Additional Information that might be required for tender evaluation `purpose.**

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C4.1 Other Technical Specifications that are required.
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VOLUME 1:
TENDERING PROCEDURES

T1.1 NOTICE AND INVITATION OF TENDER

Project Name:	**EC - WFTC IP WORKING FOR THE COAST**
Reference no.:	**EPIP-A170102297**

Advertisement Date:	**18 APRIL 2023**	**Validity:**	**120 days**
Closing Date:	**16 MAY 2023**	**Closing time:**	**11:h00am**

The Department of Forestry, Fisheries, and the Environment (DFFE), invites CIDB registered Contractors.

It is estimated that tenderers should have a CIDB contractor grading designation of:6 GB or 6 GB or higher.

"Delete or select tender value range select class of construction works" where only one class of construction works is applicable".

Works Description: The project comprises the following main deliverables:

a). Demolition of the existing Ablution Blocks.
b). The construction of two new repositioned Ablution Blocks.
c). The construction of a new grass blocked public parking area.
d). The erection of new ClearVu perimeter fence and access gates.
e). The construction of poly timber walkways and viewing decks.
f). The construction of life saver raised lookout post.
g). The construction of formalized picnic facilities and related furniture.
h). The construction of formalized children playing area's.
i). The Installation of energy efficient street lighting.
j). The construction of a formal boat launch.
k). The construction of formal walkways to strategic viewpoints and fishing spots.
l). The upgrading of existing access roads and pedestrian crossings.

The description of the Works is not necessarily complete and shall not limit the work to be carried out by the Contractor under this Contract.

Only bidders who are responsive to the following responsiveness criteria are eligible to submit tenders. Failure to comply with the criteria stated hereunder, may result in the tender offer being disqualified from further consideration:

☒	Only those tenderers who satisfy the eligibility criteria stated in the Tender Data may submit tenders, and of proof of registration with Construction Industry Development Board is required.
☒	Proof of valid registration with CIDB.
☒	Invitation to bid (SBD 1).
☒	Tender offer must be properly received on the tender closing date and time specified on the invitation, fully completed, and signed in black ink. Use of correction fluid is prohibited; only black ink can be used in the document (All as per Standard Conditions of Tender).
☒	Submission of the Form of Offer and Acceptance.
☒	Submission of the Bidder's Disclosure (SBD 4).
☒	Submission of applicable Resolution by the legal entity, or consortium / joint venture, authorizing a dedicated person(s) to sign documents on behalf of the firm / consortium / joint venture.
☒	The tenderer will be required to submit a fully priced Bills of Quantities / Lump Sum Document (complete document inclusive of all parts) together with the tender document.
☒	Submission of Site Inspection Meeting Certificate as proof of attendance of compulsory site inspection meeting (To provide the contractors with a clear understanding of the scope of works).
☒	Registration on National Treasury's Central Supplier Database (CSD) and Tax Pin from SARS.
☒	B-BBEE level of contribution certificate or affidavit if B-BBEE points are claimed for Construction Sector.
☒	B-BBEE level of contribution certificate or affidavit for intended subcontractors.
☒	A consolidated B-BBEE level of contribution certificate in the case of Joint Ventures.
☒	For service providers to claim for preference points the following must be adhered to: A. Submit a complete and signed SBD 6.1, B. Bidders are requested to submit a valid B-BBEE Status Level Verification Certificate issued by SANAS Accredited Verification Agency; or B-BBEE Certificate issued by CIPC, or Sworn Affidavit commissioned by Commissioner of Oaths or A Consolidated Joint Venture B-BBEE Certificate clearly outlining the % ownership by black people, women and people with disabilities. C. Verification Certificate means a B-BBEE Certificate issued in compliance with the B-BBEE Codes of Good Practice or Sector Codes issued in terms of Section 9 1 of the Broad Based Black Economic Empowerment Act 53 of 2003 as amended by Act 46 of 2013. D. Unincorporated Joint Ventures are required to submit a consolidated verification certificate
☒	Submission of the schedule of Tender's Past and Current Projects
☒	Corrections made in the document should be initialed by the authorized person (as stated in the Standard

	Condition of Tender attached in this tender document).
☒	Certified copies of the Founding Statement – CK1
☒	Certificate of Incorporation – CM1
☒	Valid COIDA or FMA certificate issued by the Department of Labour
☒	Completion of Form Q for completed projects
☒	CV's and copies of qualifications and Registrations for Project Staff as per Form R
☒	Bank Letter confirming financial capacity
☒	Completed and signed Consent Form
NB: DFFE RESERVES THE RIGHT TO PERFORM DUE DILIGENCE AND VERIFICATION ON ALL SUBMITTED DOCUMENTS AND INFORMATION BY BIDDERS	

Bidder must comply with the Mandatory Requirements criteria for the Preferential Procurement listed below:

MANDATORY REQUIREMENTS

Does mandatory requirement apply for this bid? **YES**

The following mandatory requirement will apply and all bids that do not meet mandatory requirement will be disqualified, and not be evaluated further.

The compulsory Pre-tender Site Inspection Meeting will be held as follows:

Site 1 - Venue: Mthatha: Mganduli **-** Coffee Bay Beach: GPS Co-ordinates 31°59'9.996"S; 29°8'50.0028"E
Date: 26 APRIL 2023
Starting time: 11:H00am

Site 2 - Venue: Mthatha: Mganduli **-** Hole in the Wall Beach: GPS Co-ordinates 32°03'.51"S; 29°11'.25"E
Date: 26 APRIL 2023
Starting time: 11:H00am

ITEM NO.	MANDATORY REQUIREMENTS
1.	Main contractor must have a CIDB contractor grading designation of 6GB or higher. Attach proof
2.	Attendance of a Compulsory Pre-tender Site Inspection Meeting

It is recommended for the Bidder to consider the Local Content as a Special Condition for the Procurement Preferential below:

SPECIAL CONDITION

ITEM NO.	SPECIAL CONDITION
1.	Compliance to Local Production and Content requirements as per SBD 6.2 and Annexure C, D & E

Functional Evaluation Criterion Summary

The maximum points allocation per criterion is summarised in the following table:

Minimum functionality score to qualify for further evaluation:	70 Points

Functionality criteria:	**Weighting factor:**
RELEVANT WORK EXPERIENCE ON PREVIOUS COMPLETED PROJECTS OF A SIMILAR NATURE, SCOPE /OR COMPLEXITY AND VALUE	30
REFERENCES FROM CLIENTS/CONSULTANTS FOR COMPLETED PROJECTS OF SIMILAR IN NATURE, SCOPE, AND VALUE	20
FINANCIAL CAPACITY	10
COMPETENCY OF THE SITE AGENT	20
COMPETENCY OF THE GENERAL FOREMAN	10
COMPETENCY OF THE HEALTH SAFETY OFFICER	10
TOTAL FUNCTIONALITY SCORE	**100 Points**

Bidders are requested to provide evidence of complying with these Functional Criteria by completing the relevant forms in the bid document (Forms) as well supplying completion certificates for completed projects as proof. Failure to supply completion certificates as required will mean that the project will not be contributing towards experience of the company and bidders will lose points on this criterion, under completed projects.

FUNCTIONALITY EVALUATION MATRIX

Bidder's **Company Experience**, **Current Resources and Current Expertise** will be evaluated as per the matrix below.

The following values / indicators will be applicable when evaluating functionality:

Project Name: EC - WFTC IP WORKING FOR THE COAST				
No	**Criteria**	**Evaluation Indicators**		**Applicable Value**
1	**RELEVANT CONSTRUCTION WORK EXPERIENCE ON PREVIOUS CONTRACTS OF A SIMILAR NATURE, SCOPE /OR COMPLEXITY AND VALUE**			**30**
	Provide a descriptive list of all completed projects of similar nature, scope and value to this tender for the past 10 years. Attach Final Completion Certificate indicating: Name of Employer/ Client, Contact number, Contractual commencement date and completion date. In addition, please ensure that the completed project listed, will also be included in the "Schedule of Tenderer's Current and Completed projects" form, that is attached as a returning document in this bid.	**1** x completed construction project at **R3 000 000** or higher value of this project with duly signed completion certificate		**(1)**
		2 x completed construction projects at **R3 000 000** each or higher value of this project with duly signed completion certificate		**(2)**
		3 x completed construction projects at **R3 000 000** each or higher value of this project with duly signed completion certificate		**(3)**
		4 x completed construction projects at **R3 000 000** each or higher value of this project with duly signed completion certificate		**(4)**
		5 x completed or more construction projects at **R3 000 000** each or higher value of this project with duly signed completion certificate		**(5)**
	Portfolio of projects: Please provide documentation to support, i.e., project description; project value and services rendered for the projects listed below:			
	Name of project	**Client**	**Short Description of project**	**Value of Project**
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

No	Criteria	Evaluation Indicators	Applicable Value
2.	**REFERENCE LETTERS FROM EMPLOYER FOR PROJECTS OF SIMILAR IN NATURE, SCOPE AND VALUE INDICATING EMPLOYER(S) SATISFACTION ON THE FOLLOWING:** • **Time management** • **Quality Management** • **Health and Safety Management** • **Management of sub-contractors (including payments)**		**20**
	Please provide signed reference letters from Employer / Clients confirming your company's involvement for the projects listed in item 1 above, and additional projects of similar nature. Attach positive reference letters indicating: Name of Employer, contact number, Contract sum, Contractual commencement date and completion date and the role played by the bidder in the project. **NB: Positive reference letter(s) indicated corresponding with the Final Completion Certificate(s) provided above will be utilized to verify and evaluate the value in criteria 1**	**1** x Positive reference letter or Completion Certificate from employer for completed construction projects	**(1)**
		2 x Positive reference letter from employer for completed construction projects.	**(2)**
		3 x Positive reference letter from employer for completed construction projects.	**(3)**
		4 x Positive reference letter from employer for completed construction projects.	(**4**)
		5 or more positive reference letter from employer for completed construction projects.	**(5)**

	Name of Company	Value of Project as measured for final account	Letter attached	
			YES	NO
1				
2				
3				
4				
5				
6				
7				

No	Criteria	Evaluation Indicators		Applicable Value
3.	**FINANCIAL CAPACITY**			**10**
	Provide valid Bank rating letter on the bank's letterhead from the bidder's Banking Institution stating A, B, C, D and E bank code /rating, not older than 6 months from closing of the bid.	Credit rating/code of E		**(1)**
		Credit rating/code of D		**(2)**
		Credit rating/code of C		**(3)**
		Credit rating/code of B		**(4)**
		Credit Rating/code of A		**(5)**
No	**Name of Bank**	**Contact Person**	**Contact Number**	**Date of letter**
1				
2				
3				
4				
5				
6				
No	**Criteria**	**Evaluation Indicators**		**Applicable Value**
4.	**COMPETENCE OF SITE AGENT**			**20**
	Competence of Site Agent CV and copies of relevant Built Environment qualifications coupled with relevant construction experience to be submitted where the average number of years' experience will be considered when awarding the points.	Built Environment Qualification coupled with **4** years relevant construction experience, CV included with relevant qualification(s)		**(1)**
		Built Environment Qualification coupled with More than **5** years relevant construction experience, CV included with relevant qualification(s)		**(2)**
		Built Environment Qualification coupled with More than **6** years relevant construction experience, CV included with relevant qualification(s)		**(3)**
		Built Environment Qualification coupled with More than **7** years relevant construction experience, CV included with relevant qualification(s)		**(4)**
		Built Environment Qualification coupled with More than **8** years relevant construction experience, CV included with relevant qualification(s)		**(5)**

No	Criteria	Evaluation Indicators		Evaluation Indicators	
5.	**COMPETENCE OF THE GENERAL FOREMAN**			**10**	
	Competence of the General Foreman, CV and copies of relevant construction qualifications coupled with relevant construction experience to be submitted where the average number of years' experience of the key personnel will be considered when awarding the points.	**4** years relevant construction experience, CV included with relevant qualification(s)		**(1)**	
		More than **5** years relevant construction experience, CV included with relevant qualification(s)		**(2)**	
		More than **6** years relevant construction experience, CV included with relevant qualification(s)		**(3)**	
		More than **7** years relevant construction experience, CV included with relevant qualification(s)		**(4)**	
		More than **8** years relevant construction experience, CV included with relevant qualification(s)		**(5)**	
No	**Name of the Key Person**	**Name of the Qualification(s)**	**Portfolio/Position**	**CVs and Qualifications attached**	
				YES	**NO**
1					
2					
No	**Criteria**	**Evaluation Indicators**		**Applicable Value**	
6.	**COMPETENCE OF THE OCCUPATIONAL HEALTH AND SAFETY (OHS) OFFICER**			**10**	
	Competence of **OHS Officer**. CV and copies of relevant Occupational Health and Safety qualification(s) (SAMTRAC/NOSA/ Formal Tertiary Qualification) coupled with relevant OHS experience within the construction industry where the average number of years' experience will be considered when awarding the points.	**4** years relevant OHS experience within the construction industry, CV included with relevant qualification(s)		**(1)**	
		More than **5** years relevant OHS experience within the construction industry, CV included with relevant qualification(s)		**(2)**	
		More than **6** years relevant OHS experience within the construction industry, CV included with relevant qualification(s)		**(3)**	
		More than **7** years relevant OHS experience within the construction industry, CV included with relevant qualification(s)		**(4)**	
		More than **8** years relevant OHS experience within the construction industry, CV included with relevant qualification(s)		**(5)**	

No	Name of the Key Person	Name of the Qualification(s)	Portfolio/Position	CVs and Qualifications attached	
				YES	NO
1					
2					
3					
4					
5					
TOTAL FUNCTIONALITY SCORE				**100**	
MINIMUM QUALIFYING SCORE FOR FUNCTIONALITY				**70**	

(Weighting will be multiplied by the scores allocated during the evaluation process to arrive at the total functionality points)

Preference Point and Price Calculation

The following preference point system will be followed to advance the categories of persons:

a) For contracts with a Rand value up to R50 000 000, a maximum of 20 points may be allocated for specific goals as contemplated above, provided that the lowest acceptable tender scores 80 points for price.

i. The applicable formula to be used is Ps=80[1-(Pt-Pmin)/Pmin]. Provided:

Ps = Points scored for price of tender under consideration;

Pt = Price of tender under consideration; and

Pmin = Price of the lowest applicable tender.

ii. A total of 20 points may be awarded to a tenderer as follows:

20 points: if the Bidder has more than 50% (fifty percent) by Black people, Women, or people with disabilities

0 Points: for 50% and below ownership by stipulated categories of persons

b) A contract may be awarded to a tenderer that did not score the highest points only in accordance with section 2(1)(f) of the PPPFA.

c) Bid will be awarded to a bidder with the highest points on price and Preference Points on condition that they have met all phases of the evaluation criteria and complied with the tender requirements set out in the tender document.

d) The DFFE reserves the right to negotiate prices that are not deemed market related and not to award the tender to the bidder with the lowest price.

e) Preference point system applicable for this bid is: 80/20

f) A total of ***20*** points will be allocated for either of the specific goals.

SPECIFIC GOALS	80/20
>50% ownership by Black people, Or	**20**
>50% ownership by Women, Or	**20**
>50% ownership by people with Disability	**20**

For bidders to claim preference points, the following must be adhered to:

F.1) Submit a complete and signed SBD 6.1,

F.2) Bidders are requested to submit a valid B-BBEE Status Level Verification Certificate issued by SANAS, or Accredited Verification Agency; or B-BBEE Certificate issued by CIPC, or Sworn Affidavit commissioned by Commissioner of Oaths together with their bids. **Issued in terms of the amended Construction Sector Code**

F.3) If the application is made by a Joint Venture or Partnership, the accreditation credentials in name of joined entities should be submitted. Members in the joint venture must meet the requirement of the proposal. **Issued in terms of the amended Construction Sector Code**

F.4) Submit a CSD report.

Collection of tender documents

☒ Bid documents are available for free download on e-Tender portal www.etenders.gov.za and cidb i-tender.

Enquiries related to technical part of the tender document may be addressed to:

DFFE Project Manager:	Ms N. Mkhengcele	**Telephone no:**	043 722 3469
Cell no:	067 417 3699	**E-mail:**	nmkhengcele@dffe.gov.za

Deposit / return of tender documents

Telegraphic, telephonic, telex, facsimile, electronic and / or late tenders will not be accepted.

Requirements for sealing, addressing, delivery, opening and assessment of tenders are stated in the Tender Data.

All tenders must be completed in black ink and submitted on the official forms (forms not to be re-typed).

Tender documents may be posted to:		**Deposited in the tender box at:**
The Director-General Department of Forestry, Fisheries, and the Environment Private Bag X 447 Pretoria 0001 Attention: Procurement section: Tel: 012-399 9073 POSTED TENDERS MUST BE RECEIVED PRIOR **CLOSING DATE:** 16 MAY 2023 AND **TIME:** 11:00 BY THE DEPARTMENT	**OR**	Environmental House Ground Floor of the Department of Forestry, Fisheries and Environment 473 Steve Biko Road Arcadia, Pretoria 0083 Ground floor (At the Reception)

TECHNICAL ENQUIRIES

Should you require any further information in this regard, please do not hesitate to contact:

Name: Ms N Mkhengcele

Office Telephone No.: 043 722 3469 or 067 417 3699
E-mail: nmkhengcele@dffe.gov.za

Name: Mr L Mafuma
Office Telephone No.: 046 622 7223 or 073 134 3176
E-mail: lm@mbb.co.za

T1.2 TENDER DATA

Clause number	Tender Data
	The conditions of tender are the Standard Conditions of Tender (as published / amended by CIDB contained in Annex C of the CIDB Standard for Uniformity in Engineering and Construction Works Contracts (August 2019) as published in Government Gazette No 42622, Board Notice 423 of 2019 of 08 August 2019. (See www.cidb.org.za). The standard conditions of tender for procurements make several references to the tender data for details that apply specifically to this tender. The tender data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the standard conditions of tender. Each item of tender data given below is cross-referenced to the clause in the standard conditions of tender to which it mainly applies.
C.1.1	The employer is the **Department of Forestry, Fisheries, and the Environment**
C.1.2	For this contract, the three-volume approach is adopted: This procurement document has been formatted and compiled under the headings as contained in the CIDB's "Standard for Uniformity in Construction Procurement." **Volume 1: Tendering procedures** T1.1 - Notice and invitation to tender T1.2 - Tender data **Volume 2: Returnable documents** T2.1 - List of returnable documents C1.1 - Form of offer and acceptance T2.2 - Returnable schedules **Volume 3: Contract** **Part C1 - Agreements and Contract data** C1.1 – Form of offer and acceptance C1.2 – Contract data C1.3 – Construction form of guarantee **Part C2 - Pricing Data** C2.1 – Pricing Assumptions C2.2 – Bills of Quantities / Lump sum document **Part C3 - Scope of Works** C3.1 – Description of the works C3.2 – Construction **Part C4 - Site Information**

C.1.4	The Employer's agent for the purpose of this tender is deemed to be the authorised and designated representative of the Employer: Name: Ms. T.M Thupe (SCM Representative) Address: **DFFE Head Office Reception** **473 Steve Biko Road, Arcadia, 0083**. E-mail: mthupe@dffe.gov.za
C.1.5	**Cancellation and Re-Invitation of Tenders**
C.1.5.1	An employer may, prior to the award of the tender, cancel a tender if- a) due to changed circumstances, there is no longer a need for the engineering and construction works specified in the invitation. b) funds are no longer available to cover the total envisaged expenditure; or c) no acceptable tenders are received. d) there is a material irregularity in the tender process.
C.1.5.2	The decision to cancel a tender invitation must be published in the same manner in which the original tender invitation was advertised
C.1.5.3	An employer may only with the prior approval of the relevant treasury cancel a tender invitation for the second time.
C.1.6	**Procurement procedures**
C.1.6.1	Unless otherwise stated in the tender data, a contract will, subject to C.3 be concluded with the tenderer who in terms of C.3 is the highest ranked or the tenderer scoring the highest number of tender evaluation points, as relevant, based on the tender submissions that are received at the closing time for tenders.
C.1.6.2	**Competitive negotiation procedure**
C.1.6.2.1	Where the tender data require that the competitive negotiation procedure is to be followed, tenderers shall submit tender offers in response to the proposed contract in the first round of submissions. Notwithstanding the requirements of C.3 the employer shall announce only the names of the tenderers who make a submission. The requirements of C.8 relating to the material deviations or qualifications which affect the competitive position of tenderers shall not apply.
C.1.6.2.2	All responsive tenderers or at least a minimum of not less than three responsive tenderers that are highest ranked in terms of the evaluation criteria stated in the tender data shall be invited to enter into competitive negotiations based on the principle of equal treatment, keeping confidential the proposed solutions and associated information. Notwithstanding the provisions of C.2 the employer may request that tenders be clarified, specified and fine-tuned in order to improve a tenderer's competitive position provided that such clarification, specification, fine-tuning or additional information does not alter any fundamental aspects of the offers or impose substantial new requirements which restrict or distort competition or have a discriminatory effect.

C.1.6.2.3	At the conclusion of each round of negotiations, tenderers shall be invited by the employer to revise their tender offer based on the same evaluation criteria, with or without adjusted weightings. Tenderers shall be advised when they are to submit their best and final offer.
C.1.6.2.4	The contract shall be awarded in accordance with the provisions of C.3 after tenderers have been requested to submit their best and final offer.
C.2	**Tenderer's obligations**
C.2.1	**Eligibility** Only those tenderers who satisfy the following criteria are eligible to submit tenders: **a) CIDB registration** Registered with the CIDB, at close of tender, in a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25(1B) or 25(7A) of the Construction Industry Development Regulations, as per amended notice no. 357 of 2019, for a **6GB** or higher class of construction work. Tenderers whose CIDB registration expires within the tender validity period, need to demonstrate that there is a reasonable chance of being registered in the appropriate grading designation during the tender evaluation period, by submitting a copy of their timely application for CIDB registration, with their tender submission. Tenders received from such tenderers who are not capable of being registered in the required contractor designation, within 10 working days after either expiry of their registration or after being requested to provide proof of registration, will be considered non-responsive. **Note that in terms of the Construction Industry Development Board Act, 2000 (Act No. 38 of 2000) a registered contractor must apply for renewal of registration three months before the existing registration expires.** Tenderers registered as potentially emerging enterprises but with a CIDB contractor grading designation lower than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25(1B) or 25(7A) of the Construction Industry Development Regulations, as per amended notice no. 357 of 2019, are not eligible to have their tenders evaluated. Joint Ventures are eligible to submit tenders provided that: a) every member of the joint venture is registered with the CIDB; b) the lead partner has a contractor grading designation of not lower than one level below the required grading designation in the class of construction works under consideration and possesses the required recognition status, and c) the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered for a **6GB** or higher class of construction work or a value determined in accordance with Regulation 25(1B) or 25(7A) of the Construction Industry Development Regulations, as per amended notice no. 357 of 2019.

C.2.1.1	Only those bidders who satisfy the following eligibility criteria are eligible to submit bids: (a) Availability of resources (b) Availability of skills to manage and perform the contract – including staff which satisfies EPWP requirements (see further requirements under C.3) (c) Previous experience on contracts of a similar value and nature (d) A letter on the companies' letterhead stating that the contractor has sufficient capacity to execute the project
C.2.2	**Eligibility** **b) Risk to Employer** **Provisions applicable to Evaluation Method 1 and 2:** Tender offers will be evaluated by an Evaluation Committee based on the technical and commercial risk criteria listed hereunder. Each criterion carries the same weight / importance and will be evaluated individually based on reports presented to the Evaluation Committee by the Project Manager / Professional Team appointed on the project. For the evaluation reports to be prepared by the Professional Team, the Tenderer is obliged to provide comprehensive information on the form for the (Schedule of current and completed projects). Failure to complete the said form will cause the tender to be declared non-responsive and removed from any further consideration. The Employer reserves the right to request additional information over, and above that which is provided by the Tenderer on said form. The information must be provided by the Tenderer within the stipulated time as determined by the Project Manager, failing which the tender offer will *mutatis mutandis* be declared non-responsive. **Technical risks:** **a) Criterion 1: Quality of current and previous work** Quality of current and previous work performed by the Tenderer in the class of construction work stated above as per the evaluation report prepared by the Professional Team, based on its research and inspection of a representative sample of the Tenderer's current and previous work as well as, if necessary, of any additional work executed by the Tenderer, not reflected on form for the (Schedule of current and completed projects). **b) Criterion 2: Contractual commitment** Adherence to contractual commitments, demonstrated by the Tenderer in the performance on current and previous work, evaluated in terms of: 1) the level of progress on current projects in relation to the project Programme or, if such is not available/applicable, to the contractual construction period in general. **2**) the degree to which previous projects have been completed within the contractual completion periods and/or extensions thereto; and

	3) general contract administration, e.g., compliance with contractual aspects such as laws and regulations, insurances, security, written contract instructions, subcontractors, time delay claims, etc. as can generally be expected in standard/normal conditions of contract. **c) Criterion 3: Commercial risks** The level to which agreement with the Tenderer is reached in respect of the adjustment of rates which are imbalanced or unreasonable and to eliminate errors or discrepancies, without changing the tendered total amount / final offer, over and above the correction of arithmetical errors as provided for in C.2 and C.3
C.2.2.1	The tenderer must be notified of all arithmetic errors, omissions and/or rate imbalances that are identified in the tender offer and request the tenderer to, within a stipulated time, accept the total of the rates / prices as corrected by the Department professional team without changing the tender amount / final offer.
C.2.2.2	**Cost of Tender** The cost of the tender documents charged by the employer shall be limited to the actual cost incurred by the employer for printing the documents. The Employer will not compensate the tenderer for any costs incurred in attending the meetings or making any submissions in the office of the Employer.
C.2.3	**Check documents** Check the tender documents on receipt for completeness and notify the employer of any discrepancy or omission.
C.2.4	**Confidentiality and copyright of documents** Treat as confidential all matters arising in connection with the tender. Use and copy the documents issued by the employer only for the purpose of preparing and submitting a tender offer in response to the invitation.
C.2.6	**Acknowledge addenda** Acknowledge receipt of addenda to the tender documents, which the employer may issue, and if necessary, apply for an extension to the closing time stated in the tender data, in order to take the addenda into account.
C.2.7	**Seek clarification** Request clarification of the tender documents, if necessary, by notifying the employer at least five (5) working days before the closing time stated in the tender data.
C.2.8	**Insurance** Be aware that the extent of insurance to be provided by the employer (if any) might not be for the full cover required in terms of the conditions of contract identified in the contract data. The tenderer is advised to seek qualified advice regarding insurance.
C.2.9	**Pricing the tender offer**
C.2.9.3	This contract shall not be subject to Contract Price Adjustments, foreign fluctuations, etc and all rates and prices shall remain fixed, final and binding for the full duration of this contract.

C.2.11	**Alterations to documents** Do not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer, or necessary to correct errors made by the tenderer. All signatories to the tender offer shall initial all such alterations (refer to the standard condition of Tender).
C.2.12	**Alternative tender offers** No alternative tender offers will be considered
C.2.13	**Submitting a tender offer**
C.2.13.1	Submit one tender offer only as a single tendering entity to provide the whole of the works identified in the contract data and described in the scope of works, unless stated otherwise in the tender data.
C.2.13.2	Return all returnable documents to the employer after completing them in their entirety, either electronically (if they were issued in electronic format) or by writing legibly in non-erasable ink.
C.2.13.3	Submit the parts of the tender offer communicated on paper as an original plus the number of copies stated in the tender data, with an English translation of any documentation in a language other than English, and the parts communicated electronically in the same format as they were issued by the employer.
C.2.13.4	Sign the original and all copies of the tender offer where required in terms of the tender data. The employer will hold all authorized signatories liable on behalf of the tenderer. Signatories for tenderers proposing to contract as joint ventures shall state which of the signatories is the lead partner whom the employer shall hold liable for the purpose of the tender offer.
C.2.13.5	Seal the original tender offer marked as **"ORIGINAL".** The package shall state on the outside the employer's address and identification details stated in the tender data, as well as the tenderer's name and contact address.
C.2.13.6	Bidders are requested to deliver the submission in one envelope. The Employer's address for delivery of tender offers and identification details to be shown on the tender offer package is: **Title to appear on envelope one (1):** 1. CONTRACT NO.: **DFFE-T003 (23-24)** ***(TECHNICAL PROPOSALS)*** **The appointment of a contractor for the construction of the EC – WFTC IP WORKING FOR THE COAST, on behalf of the Department of Forestry, Fisheries, and the Environment.** This envelope must contain the returnable SCM Documentations, Relevant Annexures and Appendixes. This envelope must contain **printed copies** of all the pages in this document, duly completed and signed, **inclusive of the pricing schedules (bill of quantities), which must be submitted in one envelope as detailed below.** For identification purposes, bidders are requested to ensure that the envelopes containing the company's bids are clearly marked and are easily identifiable by the company's logo or name. **Location of tender box:** Ground Floor of the Department of Forestry, Fisheries and Environment **Physical address:** Location of tender box: DFFE Head Office Reception **Physical address:** 473 Steve Biko Road, Arcadia, 0083 **Identification details:** TENDER BOX

C.2.13.7	Seal the original tender offer in an outer package that states on the outside only the employer's address and identification details as stated in the tender data.
C.2.13.8	Accept that the employer will not assume any responsibility for the misplacement or premature opening of the tender offer if the outer package is not sealed and marked as stated.
C.2.13.9	Accept that tender offers submitted by facsimile or e-mail will be rejected by the employer.
C.2.14	**Information and data to be completed in all respects** Accept that tender offers, which do not provide all the data or information requested completely and, in the form, required, may be regarded by the employer as non-responsive.
C.2.15	**Closing time** The closing time for submission of tender offers is 11h00am The **Department of Forestry, Fisheries and the Environment** is not obliged to accept the lowest or any tender and reserves the right to accept any tender in whole or in part.
C.2.16	The tender offer validity period is 120 days from the closing date.
C.2.17	**Clarification of tender offer after submission** Provide clarification of a tender offer in response to a request to do so from the employer during the evaluation of tender offers. This may include providing a breakdown of rates or prices and correction of arithmetical errors by the adjustment of certain rates or item prices (or both). No change in the competitive position of tenderers or substance of the tender offer is sought, offered, or permitted.
C.2.18.2	The Tenderer shall, when requested by the Employer to do so, submit the names of all management and supervisory staff that will be employed to supervise the labour-intensive portion of the works together with satisfactory evidence that such staff members satisfy the eligibility requirements.
C.2.19	**Inspections, tests, and analysis** Provide access during working hours to premises for inspections, tests and analysis as provided for in the tender data.
C.2.20	**Submit securities, bonds, and policies** If requested, submit for the employer's acceptance before formation of the contract, all securities, bonds, guarantees, policies, and certificates of insurance required in terms of the conditions of contract identified in the contract data.
	Provide access during working hours to premises for inspections, tests and analysis as provided for in the tender data.
C.2.23	The Tenderer is required to submit his/her tender with all documents and schedules listed under T2.1 and T2.2.
C.2.24	Canvassing and obtaining of additional information by tenderers The Tenderer shall not make any attempt either directly or indirectly to canvass any of the Employer's officials or the Employer's agent in respect of his tender, after the opening of the tenders but prior to the Employer arriving at a decision thereon.

	The Tenderer shall not make any attempt to obtain particulars of any relevant information, other than that disclosed at the opening of tenders.
C.2.25	Prohibitions on awards to persons in service of the state The Employer is prohibited to award a tender to a person - a) who is in the service of the state; or b) if that person is not a natural person, of which any director, manager, principal shareholder or stakeholder is a person in the service of the state; or c) a person who is an advisor or consultant contracted with the Department. **In the service of the state** means to be - a) a member of:- • any municipal council; • any provincial legislature; or • the National Assembly or the National Council of Provinces; b) a member of the board of directors of any municipal entity; c) an official of any municipality or municipal entity; d) an employee of any national or provincial department; e) provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999); f) a member of the accounting authority of any national or provincial public entity; or g) An employee of Parliament or a provincial legislature. In order to give effect to the above, the questionnaire for the declaration of interests in the tender of persons in service of state in part T2 of this procurement document must be completed.
C.3	**The employer's undertakings**
C.3.1	**Respond to requests from the tenderer** The Employer will respond to requests for clarification received up to five (5) working days before the tender closing time.
C.3.2	**Issue Addenda** Addenda will be issued until five (5) working days before the tender closing time.
C.3.5	The time and location for opening of the tender offers are: 11h00 On 16 May 2023 at the **Department of Forestry, Fisheries and the Environment**: Head Office Reception Physical address: 473 Steve Biko Road, Arcadia, 0083
C.3.9	**Arithmetical errors, omissions, and discrepancies**
C.3.9.1	Check the highest ranked tenders or tenderers with the highest number of tender evaluation points after the evaluation of tender offers in accordance with C.3 for: a) the gross misplacement of the decimal point in any unit rate; b) omissions made in completing the pricing schedule or bills of quantities; or

<table>
<tr><td></td><td>c) arithmetic errors in:
i) line-item totals resulting from the product of a unit rate and a quantity in bills of quantities or schedules of prices; or the summation of the prices.</td></tr>
<tr><td>C.3.9.2</td><td>The arithmetical errors shall be corrected in the following manner:
a) Where there is a discrepancy between the amounts in words and amounts in figures, the amount in words shall govern.
b) If bills of quantities or pricing schedules apply and there is an error in the line item total resulting from the product of the unit rate and the quantity, the line item total shall govern and the rate shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line item total as quoted shall govern, and the unit rate shall be corrected.
c) Where there is an error in the total of the prices either as a result of other
Corrections required by this checking process or in the tenderer's addition of prices, the total of the prices shall govern and the tenderer will be asked to revise selected item prices (and their rates if bills of quantities apply) to achieve the tendered total of the prices.
The Tender Offer will be rejected if the tenderer does not correct or accept the Correction of the arithmetical error in the manner described above.</td></tr>
<tr><td>C.3.11</td><td>Functionality, Price and Preference
The purpose of the evaluation is to ensure and promote compliance with the Constitution, specifically Section 217, which provides that when organs of state contract for goods or services, they must do so in accordance with a system which is fair, equitable, transparent, competitive and cost-effective. The evaluation of bids will be undertaken in 4 stages.</td></tr>
<tr><td>C.3.12</td><td>Stage 1: Initial screening (pre-compliance) on Supply Chain Management returnable requirements
During this phase bid documents will be reviewed to determine the compliance with Standard Bidding Documents (SBD), SCM returnable, tax matters and contractor had registered on Central Data Base (CSD). All returnable documents must be submitted with the bid documents at the closing date and time of the bid. Bids which do not satisfy the compliance criteria will be disqualified and will not be evaluated further on pre-qualification criteria.
The bid proposal will be screened for compliance with administrative requirements as indicated below and bidders must circle the correct answer
<table>
<tr><th>Item No.</th><th>Administrative Requirements</th><th>Check/Compliance</th></tr>
<tr><td>1</td><td>Master Bid Document</td><td>provided and bound</td></tr>
<tr><td>2</td><td>Electronic copy (USB/DISK)</td><td>Provided and similar to Master Bid Document</td></tr>
<tr><td>3</td><td>SCM - SBD 1 - Invitation to Bid</td><td>Completed and signed</td></tr>
<tr><td>4</td><td>SCM - SBD 4 - Bidder’s Disclosure</td><td>Completed and signed</td></tr>
</table>
</td></tr>
</table>

	5	SCM - SBD 6.1 - Preference Points Claim Form in terms of the Preferential Procurement Regulations 2022	Completed and signed
	6	In case of bids where Consortia / Joint Ventures, Consortia/Joint Venture agreement signed by both parties must be submitted with bid proposal	JV agreement completed and signed, if applicable

Stage 2: Mandatory Requirements

The following mandatory requirements will apply and all bids that do not meet mandatory requirements will be disqualified and will not be evaluated further on functionality criteria.

Criteria	Yes/No
Main contractor must have a CIDB contractor grading designation of 6 GB or higher	**Yes**
A contractor must attend a compulsory Pre-tender Site Inspection Meeting on the date and time published on the tender document	**Yes**

Stage 3: Functional Evaluation

The Functional Evaluation will be carried out to assess the Bidder's suitability to undertake the project, the Bidder's Company Experience, Current Resource, Current Expertise and project cost will be evaluated.

Bidders who fail to obtain a minimum 70 Points for functionality under **Stage 3** will not be considered further.

DFFE shall not be held responsible for incorrect judgement misled by unclear written letters/words on the forms below, to be completed by the Bidder(s). **DO NOT COMPLETE THE FORMS BY WRITING "SEE ATTACHED"**, Bidder(s) who refer to attachment **WILL BE SCORED ZERO**. Attachment shall strictly be made where specified and at the correct location, any attachment other than what has been requested by DFFE, shall be completely ignored, and scored zero, where points allocation is required.

When completing Forms, Bidder(s) may make copies of the original Forms, should the provided forms be inadequate for their completion of the information required. Forms must be hand completed in black ink, no computer regenerated forms will be accepted. Forms must be completed in full, forms not completed in full shall be rejected by scoring zero.

Stage 4: Price and Preference Points

Price and Preference Points Calculation

The following preference point system will be followed to advance the categories of persons:

a) For contracts with a Rand value up to R50 000 000, a maximum of 20 points may be allocated for specific goals as contemplated above, provided that the lowest acceptable tender scores 80 points for price.

The applicable formula to be used is Ps=80[1-(Pt-Pmin)/Pmin]. Provided:

Ps = Points scored for price of tender under consideration.

Pt = Price of tender under consideration; and

Pmin = Price of the lowest applicable tender.

A total of 20 points may be awarded to a tenderer as follows:

	20 points: if the Bidder has more than 50% (fifty percent) by Black people, Women, or people with disabilities 0 Points: for 50% and below ownership by stipulated categories of persons b) A contract may be awarded to a tenderer that did not score the highest points only in accordance with section 2(1)(f) of the PPPFA. c) Bid will be awarded to a bidder with the highest points on price and Preference Points on condition that they have met all phases of the evaluation criteria and complied with the tender requirements set out in the tender document. d) The DFFE reserves the right to negotiate prices that are not deemed market related and not to award the tender to the bidder with the lowest price. e) Preference point system applicable for this bid is: **80/20** f) A total of ***20*** points will be allocated for either of the specific goals **SPECIFIC GOALS** | **80/20** **>50% ownership by Black people, Or** | **20** **>50% ownership by Women, Or** | **20** **>50% ownership by people with Disability** | **20** **For service providers to claim for preference points the following must be adhered to:** a) Submit a complete and signed SBD 6.1, b) Bidders are requested to submit a valid B-BBEE Status Level Verification Certificate issued by SANAS Accredited Verification Agency; or B-BBEE Certificate issued by CIPC, or Sworn Affidavit commissioned by Commissioner of Oaths or A Consolidated Joint Venture B-BBEE Certificate clearly outlining the % ownership by black people, women and people with disabilities. **Issued in terms of the amended Construction Sector Code.** c) Verification Certificate means a B-BBEE Certificate issued in compliance with the B-BBEE Codes of Good Practice or Sector Codes issued in terms of Section 9 1 of the Broad Based Black Economic Empowerment Act 53 of 2003 as amended by Act 46 of 2013. **Issued in terms of the amended Construction Sector Code.** d) Unincorporated Joint Ventures are required to submit a consolidated verification certificate
C.3.13.1	Tender offers will only be accepted on condition that: a) the tenderer is registered with the Construction Industry Development Board in an appropriate contractor grading designation; b) the bidder or any of its directors is not listed in the Register of Bid Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector; c) the bidder has not:

	i. abused the Employer's Supply Chain Management System; or ii. failed to perform on any previous contract and has been given a written notice to this effect. d) Has completed the Returnables SBD4, 6.1, forms and there are no conflicts of interest which may impact on the tenderer's ability to perform the contract in the best interests of the employer or potentially compromise the tender process Has submitted the documentation listed in T2.21 and T2.22
C.3.18	**The number of paper copies of the signed contract to be provided by the employer is ONE.**

FORM A: SCHEDULE OF BIDDER'S EXPERIENCE IN CONSTRUCTION PROJECTS

DFFE shall not be held responsible for incorrect judgement misled by unclear written letters/words on the forms below, to be completed by the Bidder(s). **DO NOT COMPLETE THE FORMS BY WRITING "SEE ATTACHED"**, Bidder(s) who refer to attachment will be scored zero. Attachment shall strictly be made where specified and at the correct location, any attachment other than what has been requested by DFFE, shall be completely ignored, and scored zero, where points allocation is required.

When completing Forms, Bidder(s) may make copies of the original Forms, should the provided forms be inadequate for their completion of the information required. Forms must be hand completed in black ink; no computer regenerated forms will be accepted. Forms must be completed in full, forms not completed in full shall be rejected by scoring zero.

i) In order to qualify for the maximum points, the bidder must have completed construction projects of ***more than five (5) of similar nature, with a minimum value of R3 000 000, excluding VAT over the last 10 years.***

ii) Main contractor must have a CIDB contractor grading designation of **6GB** or higher.

FORM A: COMPLETED PROJECTS

Name of the Bidder		
NUMBER OF YEARS' EXPERIENCE IN THE BUILT ENVIRONMENT OR CONSTRUCTION		
PROJECT No.	**1**	**2**
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (**Name, Tel/ Cell no and Fax no)**		
Clients Contact Person (email address)		
Consulting Engineer (**Name, Tel/ Cell no and Fax no)**		
Appointment Value (at least R3 000 000)		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes / No)		
Completion certificate attached (Yes or No)		
Estimated Completion Date (If not yet Completed)		
Completion Date (If completed) (months/year)		
Main Contractor (Yes / No)		

PROJECT No.	**3**	**4**
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (**Name, Tel/ Cell no and Fax no)**		
Clients Contact Person (email address)		
Consulting Engineer (**Name, Tel/ Cell no and Fax no)**		
Appointment Value (at least R3 000 000)		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes / No)		
Completion certificate attached (Yes or No)		
Estimated Completion Date (If not yet completed)		
Completion Date (If completed) (months/year)		
Main Contractor (Yes / No)		

PROJECT No.	**5**	**6**
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (**Name, Tel/ Cell no and Fax no)**		
Clients Contact Person (email address)		
Consulting Engineer **(name, Tel no and fax no)**		
Appointment Value (at least R3 000 000)		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes/No)		
Completion certificate attached (Yes or No)		
Estimated Completion Date (If not yet completed)		
Completion Date (If completed) (months/year)		
Main Contractor (Yes/No)		

PROJECT No.	**7**	**8**
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (**Name, Tel/ Cell no and Fax no)**		
Clients Contact Person (email address)		
Consulting Engineer (**Name, Tel/ Cell no and Fax no)**		
Appointment Value (at least R3 000 000)		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes / No)		
Completion certificate attached (Yes or No)		
Estimated Completion Date (If not yet completed)		
Completion Date (If completed) (months/year)		
Main Contractor (Yes / No)		

PROJECT No.	**9**	**10**
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (**Name, Tel/ Cell no and Fax no)**		
Clients Contact Person (email address)		
Consulting Engineer (**Name, Tel/ Cell no and Fax no)**		
Appointment Value (at least R3 000 000)		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes / No)		
Completion certificate attached (Yes or No)		
Estimated Completion Date (If not yet completed)		
Completion Date (If completed) (months/year)		
Main Contractor (Yes / No)		

FORM B: EXPERIENCE OF NOMINATED PERSONNEL

Bidders must have experienced staff, who have previously worked on similar projects. The information will be verified with the references provided. Any information found to be untruthful will lead to the immediate disqualification of the Service Provider. The bidder must have in its proposal a: -

i) Site Agent with more than 10 years' experience in design and construction management.

ii) General Foreman with more 5 years' experience in contracts management of construction, in order to score maximum points.

iii) OHS Officer with more than 5 years' experience in site safety management of construction projects.

Bidders are required to complete the forms attached as evidence and also submit detailed CVs as well as the qualifications and professional registrations of the above-mentioned personnel.

NB:

ONE INDIVIDUAL MAY NOT BE NOMINATED FOR MORE THAN ONE ROLE OR POSITION FOR THIS BID. IF AN INDIVIDUAL IS NOMINATED FOR MORE THAN ONE ROLE THEN THE POINTS WILL ONLY BE ALLOCATED FOR ONE OF THE ROLES AND THE BIDDER WILL SCORE ZERO ON ANY OTHER ROLE.

It is **mandatory** to complete all fields in Form B for each project listed as this information will be deemed to be material to the award of the Contract. Failure to complete all fields for the project listed may lead to the bidder losing points during functional evaluation under the categories. Should the bidder choose to present the required information in the attachments, then the bidder must **COMPLETE FORM (B) FIRST and then** make a clear reference to such attachments so that they may be considered; and such attachments must provide the same information requested for in Form B.

FORMS TO BE COMPLETED BY THE BIDDERS

- **Form B (I) General Foreman**
- **Form B (II) Site Agent**
- **Form B (III) OHS Agent**

FORM B (i) GENERAL FOREMAN

General Foreman in the Company

Post	Name	Qualifications (Degree/Diploma in the Built Environment	Experience in years
General Foreman			

Bidders are required to submit as attachments after this page, e.g. qualifications.

Signature _____ Date _____

Name _____ Capacity _____

Bidder _____

General Foreman

The Bidder must note that repeating the same year under different project will still be considered as one year's experience.

General Foreman		
Name and Surname		
Experience in years' experience as General Foreman		
EXPERIENCE AS GENERAL FOREMAN		
YEAR of Experience as General Foreman	**Year 1 (……..) (e.g.,2019 etc.)**	**Year 2 (……..) (e.g.,2018).**
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (**name, Tel/Cell no and fax no)**		
Clients Contact Person (email address)		
Consulting Engineer **(name, Tel no and fax no)**		
Appointment Value		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes/No)		
Estimated Completion Date (If not yet Completed)		
Completion Date (If Completed) (months/year)		
Roles/Responsibilities performed by the Bidder on the project:		

EXPERIENCE AS GENERAL FOREMAN		
YEAR of Experience as General Foreman	**Year 3 (……..)** **(e.g.,2019 etc.)**	**Year 4 (……)** **(e.g.,2018).**
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (**name, Tel/Cell no and fax no)**		
Clients Contact Person (email address)		
Consulting Engineer **(name, Tel no and fax no)**		
Appointment Value		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes/No)		
Estimated Completion Date (If not yet completed)		
Completion Date (If completed) (months/year)		
Roles/Responsibilities performed by the Bidder on the project:		

EXPERIENCE AS GENERAL FOREMAN		
YEAR of Experience as General Foreman	**Year 5 (…….)** **(e.g.,2019 etc.)**	**Year 6 (…….)** **(e.g.,2018).**
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (**name, Tel/Cell no and fax no)**		
Clients Contact Person (email address)		
Consulting Engineer **(name, Tel no and fax no)**		
Appointment Value		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes/No)		
Estimated Completion Date (If not yet completed)		
Completion Date (If completed) (months/year)		
Roles/Responsibilities performed by the Bidder on the project:		

EXPERIENCE AS GENERAL FOREMAN		
YEAR of Experience as General Foreman	**Year 7 (…….)** **(e.g.,2019 etc.)**	**Year 8 (……)** **(e.g.,2018).**
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (**name, Tel/Cell no and fax no)**		
Clients Contact Person (email address)		
Consulting Engineer **(name, Tel no and fax no)**		
Appointment Value		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project completed (Yes/No)		
Estimated completion Date (If not yet completed)		
completion Date (If completed) (months/year)		
Roles/Responsibilities performed by the Bidder on the project:		

EXPERIENCE AS GENERAL FOREMAN		
YEAR of Experience as General Foreman	**Year 9 (……..)** **(e.g.,2019 etc.)**	**Year 10 (……..)** **(e.g.,2018).**
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (**name, Tel/Cell no and fax no)**		
Clients Contact Person (email address)		
Consulting Engineer **(name, Tel no and fax no)**		
Appointment Value		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes/No)		
Estimated Completion Date (If not yet completed)		
Completion Date (If completed) (months/year)		
Roles/Responsibilities performed by the Bidder on the project:		

Signature _____ Date _____

Name _____ Capacity _____

Bidder _____

FORM B (ii) SITE AGENT

Post	Name	Experience in years
Site Agent		

Bidders are required to submit as attachments after this page, the CV and any other information they may consider relevant.

Signature _____ Date _____

Name _____ Capacity _____

Bidder _____

Site Agent

The Bidder must note that repeating the same year under different project will still be considered as one year's experience.

SITE AGENT		
Name and Surname		
Experience in years' experience		
EXPERIENCE AS SITE AGENT		
YEAR of Experience as Site Agent	**Year 1 (…….) (e.g.,2019 etc.)**	**Year 2 (……) (e.g.,2018).**
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (**name, Tel/Cell no and fax no)**		
Clients Contact Person (email address)		
Consulting Engineer **(name, Tel no and fax no)**		
Appointment Value		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes/No)		
Estimated Completion Date (If not yet completed)		
Completion Date (If completed) (months/year)		
Roles/Responsibilities performed by the Bidder on the project:		

EXPERIENCE AS SITE AGENT		
YEAR of Experience as Site Agent	**Year 3 (……..)** **(e.g.,2017 etc.)**	**Year 4 (……)** **(e.g.,2016).**
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (**name, Tel/Cell no and fax no)**		
Clients Contact Person (email address)		
Consulting Engineer **(name, Tel no and fax no)**		
Appointment Value		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes/No)		
Estimated Completion Date (If not yet completed)		
Completion Date (If completed) (months/year)		
Roles/Responsibilities performed by the Bidder on the project:		

EXPERIENCE AS SITE AGENT		
YEAR of Experience as Site Agent	**Year 5 (…….)** **(e.g.,2015 etc.)**	**Year 6 (…….)** **(e.g.,2014).**
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (**name, Tel/Cell no and fax no)**		
Clients Contact Person (email address)		
Consulting Engineer **(name, Tel no and fax no)**		
Appointment Value		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes/No)		
Estimated Completion Date (If not yet completed)		
Completion Date (If completed) (months/year)		
Roles/Responsibilities performed by the Bidder on the project:		

EXPERIENCE AS SITE AGENT		
YEAR of Experience as Site Agent	**Year 7 (……..)** **(e.g.,2013 etc.)**	**Year 8 (……)** **(e.g.,2012).**
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (**name, Tel/Cell no and fax no)**		
Clients Contact Person (email address)		
Consulting Engineer **(name, Tel no and fax no)**		
Appointment Value		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes/No)		
Estimated Completion Date (If not yet completed)		
Completion Date (If completed) (months/year)		
Roles/Responsibilities performed by the Bidder on the project:		

EXPERIENCE AS SITE AGENT		
YEAR of Experience as Site Agent	**Year 9 (……..) (e.g.,2013 etc.)**	**Year 10 (……) (e.g.,2012).**
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (**name, Tel/Cell no and fax no)**		
Clients Contact Person (email address)		
Consulting Engineer **(name, Tel no and fax no)**		
Appointment Value		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes/No)		
Estimated Completion Date (If not yet completed)		
Completion Date (If completed) (months/year)		
Roles/Responsibilities performed by the Bidder on the project:		

Signature _____ Date _____

Name _____ Capacity _____

Bidder _____

FORM B (III) OHS Officer

Post	Name	Qualifications in Safety Management	Experience in years
OHS Officer			

Bidders are required to submit as attachments after this page, e.g., the qualifications.

Signature _____ Date _____

Name _____ Capacity _____

Bidder _____

OHS Agent/ Safety Officer

SAFETY OFFICER		
Name and Surname		
Experience in years' experience as Safety Officer		
EXPERIENCE AS SAFETY OFFICER IN SITE MANAGEMENT OF CONSTRUCTION PROJECTS.		
YEAR of Experience as OHS Agent	**Year 1 (…….) (e.g.,2019 etc.)**	**Year 2 (……) (e.g.,2018).**
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (**name, Tel/Cell no and fax no)**		
Clients Contact Person (email address)		
Consulting Engineer **(name, Tel no and fax no)**		
Appointment Value		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes/No)		
Estimated Completion Date (If not yet completed)		
Completion Date (If completed) (months/year)		
Roles/Responsibilities performed by the Bidder on the project:		

EXPERIENCE AS SAFETY OFFICER IN SITE MANAGEMENT OF CONSTRUCTION PROJECTS.		
YEAR of Experience as OHS Agent	**Year 3 (…….)** **(e.g.,2017 etc.)**	**Year 4 (……)** **(e.g.,2016).**
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (**name, Tel/Cell no and fax no)**		
Clients Contact Person (email address)		
Consulting Engineer **(name, Tel no and fax no)**		
Appointment Value		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes/No)		
Estimated Completion Date (If not yet completed)		
Completion Date (If completed) (months/year)		
Roles/Responsibilities performed by the Bidder on the project:		

EXPERIENCE AS SAFETY OFFICER IN SITE MANAGEMENT OF CONSTRUCTION PROJECTS.		
YEAR of Experience as OHS Agent	**Year 5 (…….) (e.g.,2015 etc.)**	**Year 6 (…….) (e.g.,2014).**
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (**name, Tel/Cell no and fax no)**		
Clients Contact Person (email address)		
Consulting Engineer **(name, Tel no and fax no)**		
Appointment Value		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes/No)		
Estimated Completion Date (If not yet completed)		
Completion Date (If completed) (months/year)		
Roles/Responsibilities performed by the Bidder on the project:		

Signature _____ Date _____

Name _____ Capacity _____

Bidder _____

ANNEXURE – C

T1.2.1 STANDARD CONDITION OF TENDER

Annex C
Standard Conditions of Tender

C.1 General

C.1.1 Actions

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

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

Note: 1) A conflict of interest may arise due to a conflict of roles which might provide an incentive for improper acts in some circumstances. A conflict of interest can create an appearance of impropriety that can undermine confidence in the ability of that person to act properly in his or her position even if no improper acts result.
2) Conflicts of interest in respect of those engaged in the procurement process include direct, indirect or family interests in the tender or outcome of the procurement process and any personal bias, inclination, obligation, allegiance or loyalty which would in any way affect any decisions taken.

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

C.1.2 Tender Documents

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

C.1.3 Interpretation

C.1.3.1 The tender data and additional requirements contained in the tender schedules that are included in the returnable documents are deemed to be part of these conditions of tender.
C.1.3.2 These conditions of tender, the tender data and tender schedules which are required for tender evaluation purposes, shall form part of any contract arising from the invitation to tender.
C.1.3.3 For the purposes of these conditions of tender, the following definitions apply:

a) conflict of interest means any situation in which:

i) someone in a position of trust has competing professional or personal interests which make it difficult to fulfill his or her duties impartially;
ii) an individual or tenderer is in a position to exploit a professional or official capacity in some way for their personal or corporate benefit; or

iii) incompatibility or contradictory interests exist between an employee and the tenderer who employs that employee.

b) **comparative offer** means the price after the factors of a non-firm price and all unconditional discounts it can be utilised to have been taken into consideration;

c) **corrupt practice** means the offering, giving, receiving or soliciting of anything of value to influence the action of the employer or his staff or agents in the tender process;

d) **fraudulent practice** means the misrepresentation of the facts in order to influence the tender process or the award of a contract arising from a tender offer to the detriment of the employer, including collusive practices intended to establish prices at artificial levels;

C.1.4 Communication and employer's agent

Each communication between the employer and a tenderer shall be to or from the employer's agent only, and in a form that can be readily read, copied and recorded. Communications shall be in the English language. The employer shall not take any responsibility for non-receipt of communications from or by a tenderer. The name and contact details of the employer's agent are stated in the tender data.

C.1.5 Cancellation and Re-Invitation of Tenders

C.1.5.1 An employer may, prior to the award of the tender, cancel a tender if-

a) due to changed circumstances, there is no longer a need for the engineering and construction works specified in the invitation;
b) funds are no longer available to cover the total envisaged expenditure; or
c) no acceptable tenders are received.
d) there is a material irregularity in the tender process.

C.1.5.2 The decision to cancel a tender invitation must be published in the same manner in which the original tender invitation was advertised

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

C.1.6 Procurement procedures

C.1.6.1 General

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

C.1.6.2 Competitive negotiation procedure

C.1.6.2.1 Where the tender data require that the competitive negotiation procedure is to be followed, tenderers shall submit tender offers in response to the proposed contract in the first round of submissions. Notwithstanding the requirements of C.3.4, the employer shall announce only the names of the tenderers

who make a submission. The requirements of C.8 relating to the material deviations or qualifications which affect the competitive position of tenderers shall not apply.

C.1.6.2.2 All responsive tenderers or at least a minimum of not less than three responsive tenderers that are highest ranked in terms of the evaluation criteria stated in the tender data shall be invited to enter into competitive negotiations based on the principle of equal treatment, keeping confidential the proposed solutions and associated information.
Notwithstanding the provisions of C.2.17, the employer may request that tenders be clarified, specified and fine-tuned in order to improve a tenderer's competitive position provided that such clarification, specification, fine-tuning or additional information does not alter any fundamental aspects of the offers or impose substantial new requirements which restrict or distort competition or have a discriminatory effect.

C.1.6.2.3 At the conclusion of each round of negotiations, tenderers shall be invited by the employer to revise their tender offer based on the same evaluation criteria, with or without adjusted weightings. Tenderers shall be advised when they are to submit their best and final offer.

C.1.6.2.4 The contract shall be awarded in accordance with the provisions of C.3.11 and C.3.13 after tenderers have been requested to submit their best and final offer.

C.1.6.3 Proposal procedure using the two stage-system

C.1.6.3.1 Option 1

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

C.1.6.3.2 Option 2

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

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

C.2 Tenderer's obligations

C.2.1 Eligibility

C.2.1.1 Submit a tender offer only if the tenderer satisfies the criteria stated in the tender data and the tenderer, or any of his principals, is not under any restriction to do business with employer.
C.2.1.2 Notify the employer of any proposed material change in the capabilities or formation of the tendering entity (or both) or any other criteria which formed part of the qualifying requirements used by the employer as the basis in a prior process to invite the tenderer to submit a tender offer and obtain the employer's written approval to do so prior to the closing time for tenders.

C.2.2 Cost of tendering

C.2.2.1 Accept that, unless otherwise stated in the tender data, the employer will not compensate the tenderer for any costs incurred in the preparation and submission of a tender offer, including the costs of any testing necessary to demonstrate that aspects of the offer complies with requirements.

C.2.2.2 The cost of the tender documents charged by the employer shall be limited to the actual cost incurred by the employer for printing the documents. Employers must attempt to make available the tender documents on its website so as not to incur any costs pertaining to the printing of the tender documents.

C.2.3 Check documents

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

C.2.4 Confidentiality and copyright of documents

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

C.2.5 Reference documents

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

C.2.6 Acknowledge addenda

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

C.2.7 Clarification meeting

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

C.2.8 Seek clarification

Request clarification of the tender documents, if necessary, by notifying the employer at least five (5) working days before the closing time stated in the tender data.

C.2.9 Insurance

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

C.2.10 Pricing the tender offer

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

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

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

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

C.2.11 Alterations to documents

Do not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer, or necessary to correct errors made by the tenderer. All signatories to the tender offer shall initial all such alterations.

C.2.12 Alternative tender offers

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

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

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

C.2.13 Submitting a tender offer

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

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

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

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

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

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

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

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

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

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

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

C.2.15 Closing time

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

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

C.2.16 Tender offer validity

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

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

C.2.16.3 Accept that a tender submission that has been submitted to the employer may only be withdrawn or substituted by giving the employer’s agent written notice before the closing time for tenders that a tender is to be withdrawn or substituted. If the validity period stated in C.2.16 lapses before the employer evaluating tender, the contractor reserves the right to review the price based on Consumer Price Index (CPI).

C.2.16.4 Where a tender submission is to be substituted, a tenderer must submit a substitute tender in accordance with the requirements of C.2.13 with the packages clearly marked as “SUBSTITUTE”.

C.2.17 Clarification of tender offer after submission

Provide clarification of a tender offer in response to a request to do so from the employer during the evaluation of tender offers. This may include providing a breakdown of rates or prices and correction of arithmetical errors by the adjustment of certain rates or item prices (or both). No change in the competitive position of tenderers or substance of the tender offer is sought, offered, or permitted.
Note: Sub-clause C.2.17 does not preclude the negotiation of the final terms of the contract with a preferred tenderer following a competitive selection process, should the Employer elect to do so.

C.2.18 Provide other material

C.2.18.1 Provide, on request by the employer, any other material that has a bearing on the tender offer, the tenderer's commercial position (including notarized joint venture agreements), preferencing arrangements, or samples of materials, considered necessary by the employer for the purpose of a full and fair risk assessment.

Should the tenderer not provide the material, or a satisfactory reason as to why it cannot be provided, by the time for submission stated in the employer's request, the employer may regard the tender offer as non-responsive.

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

C.2.19 Inspections, tests and analysis

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

C.2.20 Submit securities, bonds and policies

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

C.2.21 Check final draft

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

C.2.22 Return of other tender documents

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

C.2.23 Certificates

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

C.3 The employer's undertakings

C.3.1 Respond to requests from the tenderer

C.3.1.1 Unless otherwise stated in the tender Data, respond to a request for clarification received up to five (5) working days before the tender closing time stated in the Tender Data and notify all tenderers who collected tender documents.

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

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

C.3.2 Issue Addenda

If necessary, issue addenda that may amend or amplify the tender documents to each tenderer during the period from the date that tender documents are available until three (3) working days before the tender closing time stated in the Tender Data. If, as a result a tenderer applies for an extension to the closing time stated in the Tender Data, the Employer may grant such extension and, shall then notify all tenderers who collected tender documents.

C.3.3 Return late tender offers

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

C.3.4 Opening of tender submissions

C.3.4.1 Unless the two-envelope system is to be followed, open valid tender submissions in the presence of tenderers' agents who choose to attend at the time and place stated in the tender data. Tender submissions for which acceptable reasons for withdrawal have been submitted will not be opened.

C.3.4.2 Announce at the meeting held immediately after the opening of tender submissions, at a venue indicated in the tender data, the name of each tenderer whose tender offer is opened and, where applicable, the total of his prices, number of points claimed for its BBBEE status level and time for completion for the main tender offer only.

C.3.4.3 Make available the record outlined in C.3.4.2 to all interested persons upon request.

C.3.5 Two-envelope system

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

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

C.3.6 Non-disclosure

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

C.3.7 Grounds for rejection and disqualification

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

C.3.8 Test for responsiveness

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

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

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

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

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

C.3.9 Arithmetical errors, omissions and discrepancies

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

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

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

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

C.3.9.4 Where the tenderer elects to confirm the tender offer as tendered, correct the errors as follows:

a) If bills of quantities or pricing schedules apply and there is an error in the line item total resulting from the product of the unit rate and the quantity, the line item total shall govern and the rate shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line item total as quoted shall govern, and the unit rate shall be corrected.

b) Where there is an error in the total of the prices either as a result of other corrections required by this checking process or in the tenderer's addition of prices, the total of the prices shall govern and the tenderer will be asked to revise selected item prices (and their rates if bills of quantities apply) to achieve the tendered total of the prices.

C.3.10 Clarification of a tender offer

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

C.3.11 Evaluation of tender offers

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

Conditions of tender are by definition the document that establishes a tenderer's obligations in submitting a tender and the employer's undertakings in soliciting and evaluating tender offers. Such conditions establish the rules from the time a tender is advertised to the time that a contract is awarded and require employers to conduct the process of offer and acceptance in terms of a set of standard procedures. The CIDB Standard Conditions of Tender are based on a procurement system that satisfies the following system requirements:

Requirement	Qualitative interpretation of goal
Fair	The process of offer and acceptance is conducted impartially without bias, providing simultaneous and timely access to participating parties to the same information.
Equitable	Terms and conditions for performing the work do not unfairly prejudice the interests of the parties.
Transparent	The only grounds for not awarding a contract to a tenderer who satisfies all requirements are restrictions from doing business with the employer, lack of capability or capacity, legal impediments and conflicts of interest.
Competitive	The system provides for appropriate levels of competition to ensure cost effective and best value outcomes.
Cost effective	The processes, procedures and methods are standardized with sufficient flexibility to attain best value outcomes in respect of quality, timing and price, and least resources to effectively manage and control procurement processes.

The activities associated with evaluating tender offers are as follows:

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

C.3.11.1 General

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

C.3.12 Insurance provided by the employer

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

C.3.13 Acceptance of tender offer

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

a) is not under restrictions, or has principals who are under restrictions, preventing participating in the employer's procurement;
b) can, as necessary and in relation to the proposed contract, demonstrate that he or she possesses the professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical facilities, managerial capability, reliability, experience and reputation, expertise and the personnel, to perform the contract;
c) has the legal capacity to enter into the contract;
d) is not; insolvent, in receivership, under Business Rescue as provided for in chapter 6 of the Companies Act No. 2008, bankrupt or being wound up, has his/her affairs administered by a court or a judicial officer, has suspended his/her business activities or is subject to legal proceedings in respect of any of the foregoing;
e) complies with the legal requirements, if any, stated in the tender data; and
f) is able, in the opinion of the employer, to perform the contract free of conflicts of interest.

C.3.14 Prepare contract documents

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

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

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

C.3.15 Complete adjudicator's contract

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

C.3.16 Registration of the award

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

C.3.17 Provide copies of the contracts

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

C.3.18 Provide written reasons for actions taken

Provide upon request written reasons to tenderers for any action that is taken in applying these conditions of tender but withhold information which is not in the public interest to be divulged, which is considered to

prejudice the legitimate commercial interests of tenderers or might prejudice fair competition between tenderers.

[For more information the Bidders should download a full document of Annexure C for Standard Conditions of Tender]

VOLUME 2:
RETURNABLE DOCUMENTS

T2.1. LIST OF RETURNABLE DOCUMENTS

Checklist for the Returnable Documents Required for Tender Evaluation Purposes (as stipulated in the table of content above**)**

T2.2 Returnable Documents required for tender evaluation purposes.

Note: Failure to submit the applicable documents will result in the tender offer being disqualified from further consideration.

Tender document name	Reference	Returnable document
Form of Offer and Acceptance		☒Yes ☐No
Bills of Quantities/Lump Sum Document and Final Summary (in Volume – 3 (C2.1)		☒Yes ☐No
Bidders Disclosure	SBD 4	☒Yes ☐No
Resolution of Board of Directors		☒Yes ☐No
Resolution of Board of Directors to enter into Consortia or Joint Ventures Special Resolution of Consortia or Joint Ventures (*if applicable)*		☒Yes ☐No
Special Resolution of Consortia or Joint Ventures *(if applicable)*		☒Yes ☐No
Functionality Evaluation Criteria		☒Yes ☐No
Pre-tender Site Inspection Meeting Certificate		☒Yes ☐No
Schedule of Tenderer's Current and Completed Projects		☒Yes ☐No
Preference Points Claim Form in terms of the Preferential Procurement Regulations 2022	SBD 6.1	☒Yes ☐No
Affidavit		☒Yes ☐No

T2.2.1 Returnable documents that will be incorporated into the contract.

Note: Failure to submit the applicable documents may result in the Tenderer having to submit same upon request within a stipulated time, and if not complied with, may result in the tender offer being disqualified from further consideration. [See also the Standard Conditions of Tender]

Tender document name	Reference	Returnable document
Record of Addenda to tender documents) *(if applicable)*		☒Yes ☐No
Credentials of Mechanical, equipment and plant schedules *(if applicable)*		☒Yes ☐No
Credentials of plumbing Contractor (s)		☒Yes ☐No
Credentials of Electrical Contractor (s)		☒Yes ☐No
Schedule for Imported Materials and Equipment		☒Yes ☐No

T2.2.2 Recommended returnable Documents: Other documents that will be incorporated into the Contract (special condition)

Tender document name	Reference	Returnable document
Declaration Certificate for Local Production and Content for Designated Sectors (Annexure C, D, E: Local & Imported Content Declarations).	SBD 6.2	☒Yes ☐No

T2.2.3 Additional Information that might be required for tender evaluation `purpose.

Legal Status of Tendering Entity: If the Tendering Entity is: ZX	Documentation to be submitted with the tender, or which may be required during the tender evaluation:
a. A close corporation, incorporated prior to 1 May 2011 under the Close Corporations Act, 1984 (Act 69 of 1984, as amended)	Copies of the Founding Statement – CK1
b. A profit company duly registered as a private company. [including a profit company that meets the criteria for a private company, whose Memorandum of Incorporation states that the company is a personal liability company in terms of Section 8(2)(c) of the	Copies of: i. Certificate of Incorporation – CM1. ii. Shareholding Certificates of all Shareholders of the company, plus a signed statement of the company's Auditor, certifying each Shareholder's ownership / shareholding percentage relative to the total; and/or

Legal Status of Tendering Entity: **If the Tendering Entity is: ZX**	**Documentation to be submitted with the tender, or which may be required during the tender evaluation:**
Companies Act, 2008 (Act 71 of 2008, as amended)].	iii. Memorandum of Incorporation in the case of a personal liability company.
c. A profit company duly registered as a private company in which any, or all, shares are held by one or more other close corporation(s) or company(ies) duly registered as profit or non-profit company(ies).	Copies of documents referred to in a. and/or b. above in respect of all such close corporation(s) and/or company(ies).
d. A profit company duly registered as a public company.	Copy of Certificate of Incorporation – CM1, and a signed statement of the company's Secretary or Auditor confirming that the company is a public company.
e. A non-profit company, incorporated in terms of Section 10 and Schedule 1 of the Companies Act, 2008 (Act 71 of 2008, as amended).	Copies of: i the Founding Statement – CK1; and ii the Memorandum of Incorporation setting out the object of the company, indicating the public benefit, cultural or social activity, or communal or group interest.
f. A natural person, sole proprietor or a Partnership	Copy(ies) of the Identity Document(s) of: i. such natural person/ sole proprietor, or each of the Partners to the Partnership.
g. A Trust	Deed of Trust duly indicating names of the Trustee(s) and Beneficiary (ies) as well as the purpose of the Trust and the mandate of the Trustees.

Additional returnable documents required for tender evaluation purposes.

Note: Failure to submit the applicable documents may result in the Tenderer having to submit same upon request within a stipulated time and if not complied with, will result in the tender offer being disqualified from further consideration. [See also the Standard Conditions of Tender]

Tender document name	**Reference**	**Returnable document**
Any additional information required to complete a risk assessment		☒Yes ☐No

Signed by the Tenderer/Bidder

Name of representative	**Signature**	**Date**

C1.1 FORM OF OFFER AND ACCEPTANCE

STAMP

OFFER

The Employer, identified in the Acceptance signature block, has solicited offers to enter into a contract in respect of the following works:

EC - WFTC IP WORKING FOR THE COAST

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

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

THE OFFERED TOTAL OF THE PRICES INCLUSIVE OF VALUE ADDED TAX IS:

Rand (in words):	
Rand (in figures):	R
The award of the tender may be subjected to further price negotiation with the preferred tenderer(s). The negotiated and agreed price will be considered for acceptance as a firm and final offer.	

This Offer may be accepted by the Employer by signing the Acceptance part of this Form of Offer and Acceptance and returning one copy of this document to the Tenderer before the end of the period of validity stated in the Tender Data, whereupon the Tenderer becomes the party named as the Contractor in the Conditions of Contract identified in the Contract Data.

THIS OFFER IS MADE BY THE FOLLOWING: (cross out block which is not applicable)

Company or Close Corporation: ……..…… ……..…… And: Whose Registration Number is: ……..…… And: Whose Income Tax Reference Number is: ……..…… CSD supplier number:……..…….	**OR**	Natural Person or Partnership: …… …… Whose Identity Number(s) is/are: …… Whose Income Tax Reference Number is/are: …… CSD supplier number:……

AND WHO IS (if applicable)**:**

Trading under the name and style of: ……

AND WHO IS:

Represented herein, and who is duly authorised to do so, by: Mr/Mrs/Ms: …… In his/her capacity as: ……	**Note:** **A Resolution / Power of Attorney, signed by all the Directors / Members / Partners of the Legal Entity must accompany this Offer, authorizing the Representative to make this offer.**

SIGNED FOR THE TENDERER:

Name of representative	Signature	Date

WITNESSED BY:

Name of witness	Signature	Date

This Offer is in respect of: (Please indicate with an "X" in the appropriate block)

The official documents …… ☐

The official alternative ……..…….. ☐

Own alternative (only if documentation makes provision therefore) .. ☐

(N.B.: Separate Offer and Acceptance forms are to be completed for the main and for each alternative offer)

SECURITY OFFERED:

ACCEPTANCE

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

The terms of the contract, are contained in:

Part C1 Agreements and Contract Data, (which includes this Agreement)

Part C2 Pricing Data

Part C3 Specification

Part C4 Locality Plan

and Tender drawings and documents or parts thereof, which may be incorporated by reference into Parts C1 to C4. Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Tender

Schedules as well as any changes to the terms of the Offer agreed by the Tenderer and the Employer during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Agreement. No amendments to or deviations from said documents are valid unless contained in this schedule.

The Tenderer shall within two weeks after receiving a letter of acceptance, contact the Employer's agent (whose details are given in the Contract Data) to arrange the delivery of guarantees, proof of insurance and any other documentation to be provided in terms of the Conditions of Contract identified in the Contract Data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this Agreement.

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

NAME(s): (BLOCK LETTERS) ....

CAPACITY of authorized agents: ....

SIGNATURE(s) of authorized agents: ....

SIGNED at ..... on this ..... day of .....

WITNESSE(s): (Full name – BLOCK LETTERS – and signature)

1. ....

....

T2.1 & T2.2
RETURNABLE DOCUMENTS

BIDDERS DISCLOSURE

Failure to complete this form in <u>full</u> and signed by the duly authorized person, as indicated on the Resolution of board of directors or Special resolution of consortia or joint ventures, may render the tender non-responsive and will be removed from any and all further contention.

1. PURPOSE OF THE FORM

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

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

2. Bidder's declaration

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest [1]in the enterprise, employed by the state? YES/NO

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

Full Name	Identity Number	Name of Stateinstitution

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

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

2.2.1 If so, furnish particulars:

……

……

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

2.3.1 If so, furnish particulars:

……

……

3 DECLARATION

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

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

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

3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium[2] will not be construed as collusive bidding.

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

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

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

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

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

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.
I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....	.....
Signature	**Date**
.....	.....
Capacity	**Name of Bidder**

forestry, fisheries & the environment
Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

RESOLUTION OF BOARD OF DIRECTORS

RESOLUTION of a meeting of the Board of *Directors / Members / Partners of:

_____

(*Legally correct full name and registration number, if applicable, of the Enterprise)*

Held at_____(*place)*on_____*(date)* **RESOLVED**

that:

1. The Enterprise submits a Bid / Tender to the Department of Forestry, Fisheries and Environment in respectof the following project:

   _____

   EC - WFTC IP WORKING FOR THE COAST (*Project description as per Bid / Tender Document)*

   Bid / Tender Number: DFFE-T003 (23-24) *(Bid / Tender Number as per Bid / Tender Document)*

2. *Mr/Mrs/Ms:

   in *his/her Capacity as:_____ *(Position in the Enterprise)*

   and who will sign as follows:

   _____

   be, and is hereby, authorized to sign the Bid / Tender, and any and all other documents and/or correspondence in connection with and relating to the Bid / Tender, as well as to sign any Contract, and any and all documentation, resulting from the award of the Bid / Tender to the Enterprise mentioned above.

No.	Name	Capacity	Signature
1			
2			
3			
4			
5			
6			
7			

forestry, fisheries & the environment
Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

The bidding enterprise hereby absolves the Department of Forestry, Fisheries and Environment from any liability whatsoever that mayarise as a result of this document being signed.

Note:	**ENTERPRISE STAMP**
1. ** Delete which is not applicable.* 2. ***NB:*** *This resolution must, where possible, be signed by all the Directors / Members / Partners of the Bidding Enterprise.* 3. *In the event that paragraph 2 cannot be complied with, theresolution must be signed by Directors / Members / Partners holding a majority of the shares / ownership of theBidding Enterprise (attach proof of shareholding / ownership hereto).* 4. *Directors / Members / Partners of the Bidding Enterprise may alternatively appoint a person to sign this document on behalf of the Bidding Enterprise, which person must beso authorized by way of a duly completed power of attorney, signed by the Directors / Members / Partners holding a majority of the shares / ownership of the Bidding Enterprise (proof of shareholding / ownership and power of attorney are to be attached hereto).* 5. *Should the number of Directors / Members / Partners exceed the space available above, additional names and signatures must be supplied on a separate page.*	

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RESOLUTION OF BOARD OF DIRECTORS TO ENTER INTOCONSORTIA OR JOINT VENTURES

RESOLUTION of a meeting of the Board of *Directors / Members / Partners of:

_____

_____

(*Legally correct full name and registration number, if applicable, of the Enterprise)*

Held at_____(*place)*on_____*(date)* **RESOLVED that:**

1. The Enterprise submits a Bid /Tender, in consortium/Joint Venture with the following Enterprises:

   _____

   _____

(List all the legally correct full names and registration numbers, if applicable, of the Enterprises forming the Consortium/JointVenture)

to the Department of Forestry, Fisheries and Environment in respect of the following project:

EC - WFTC IP WORKING FOR THE COAST (*Project description as per Bid /Tender Document)*

Bid / Tender Number: DFFE-T003 (23-24) (*Bid / Tender Number as per Bid / Tender Document)*

2. *Mr/Mrs/Ms: _____

in *his/her Capacity as:_____*(Position in the Enterprise)*

and who will sign as follows:

_____

be, and is hereby, authorized to sign a consortium/joint venture agreement with the parties listed under item 1 above, and any and all other documents and/or correspondence in connection with and relating tothe consortium/joint venture, in respect of the project described under item 1 above.

3. The Enterprise accepts joint and several liabilities with the parties listed under item 1 above for the due fulfilmentof the obligations of the joint venture deriving from, and in any way connected with, the Contract to be enteredinto with the Department in respect of the project described under item 1 above.

4. The Enterprise chooses as its *domicilium citandi et executandi* for all purposes arising from this joint ventureagreement and the Contract with the Department in respect of the project under item 1 above:

Physical address: _____

_____

_____

_____ (code)

Postal Address: _____

_____

_____

_____ (code)

Telephone number: _____

Fax number: _____

No.	Name	Capacity	Signature
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			

The bidding enterprise hereby absolves the Department of Forestry, Fisheries and the Environment from any liability whatsoever that mayarise as a result of this document being signed

Note:

1. ** Delete which is not applicable.*
2. ***NB:** This resolution must, where possible, be signed by <u>all</u>the Directors / Members / Partners of the Bidding Enterprise.*
3. *In the event that paragraph 2 cannot be complied with, theresolution must be signed by Directors / Members / Partners holding a majority of the shares / ownership of the Bidding Enterprise (attach proof of shareholding / ownership hereto).*
4. *Directors / Members / Partners of the Bidding Enterprise may alternatively appoint a person to sign this document on behalf of the Bidding Enterprise, which person must beso authorized by way of a duly completed power of attorney, signed by the Directors / Members / Partners holding a majority of the shares / ownership of the BiddingEnterprise (proof of shareholding / ownership and power ofattorney are to be attached hereto).*
5. *Should the number of Directors / Members / Partners exceed the space available above, additional names and signatures must be supplied on a separate page.*

ENTERPRISE STAMP

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Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

SPECIAL RESOLUTION OF CONSORTIA OR JOINT VENTURES

RESOLUTION of a meeting of the duly authorized representatives of the following legal entities whohave entered into a consortium/joint venture to jointly bid for the project mentioned below: (*legally correct full names and registration numbers, if applicable, of the Enterprises forming a Consortium/Joint Venture)*

1. _____

_____

2. _____

_____

3. _____

_____

4. _____

_____

5. _____

_____

6. _____

_____

7. _____

_____

8. _____

_____

Held at_____(*place)*on____*(date)* **RESOLVED that:**

RESOLVED that:

A. The above-mentioned Enterprises submit a Bid in Consortium/Joint Venture to the Department ofForestry, Fisheries, and the Environment in respect of the following project:

EC - WFTC IP WORKING FOR THE COAST (*Project description as per Bid /Tender Document)*

Bid / Tender Number: DFFE-T003 (23-24) (*Bid / Tender Number as per Bid /Tender Document)*

B. *Mr/Mrs/Ms:

in *his/her Capacity as:_____*(Position in the Enterprise)*

and who will sign as follows:

_____

be, and is hereby, authorized to sign the Bid, and any and all other documents and/or correspondence inconnection with and relating to the Bid, as well as to sign any Contract, and any and all documentation, resulting from the award of the Bid to the Enterprises in Consortium/Joint Venture mentioned above.

C. The Enterprises constituting the Consortium/Joint Venture, notwithstanding its composition, shall conductall business under the name and style of:

_____

D. The Enterprises to the Consortium/Joint Venture accept joint and several liabilities for the due fulfilment ofthe obligations of the Consortium/Joint Venture deriving from, and in any way connected with, the Contract entered into with the Department in respect of the project described under item A above.

E. Any of the Enterprises to the Consortium/Joint Venture intending to terminate the consortium/joint ventureagreement, for whatever reason, shall give the Department 30 days' written notice of such intention. Notwithstanding such decision to terminate, the Enterprises shall remain jointly and severally liable to theDepartment for the due fulfilment of the obligations of the Consortium/Joint Venture as mentioned underitem D above.

F. No Enterprise to the Consortium/Joint Venture shall, without the prior written consent of the other Enterprises to the Consortium/Joint Venture and of the Department, cede any of its rights or assign any of its obligations under the consortium/joint venture agreement in relation to the Contract with the Department referred to herein.

G. The Enterprises choose as the *domicilium citandi et executandi* of the Consortium/Joint Venture for all purposes arising from the consortium/joint venture agreement and the Contract with the Department in respect of the project under item A above:

Physical address: _____

_____

_____

_____ (code)

Postal Address: _____

_____

_____

_____ (code)

Telephone number: _____

Fax number: _____

No.	Name	Capacity	Signature
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

The bidding enterprise hereby absolves the Department of Fisheries and the Environment from any liability whatsoever that may arise as a result of this document being signed.

Note:

1. ** Delete which is not applicable.*
2. ***NB:*** *This resolution must be signed by all the Duly Authorized Representatives of the Legal Entities to the consortium/joint venture submitting this tender, as named in item 2 of Resolution of board of directors to enter into consortia or joint ventures.*
3. *Should the number of the Duly Authorized Representatives of the Legal Entities joining forces in this tender exceed the space available above, additional names, capacity and signatures must be supplied on a separate page.*
4. *Resolution of board of directors to enter into consortia or joint ventures, duly completed and signed, from the separate Enterprises who participate in this consortium/joint venture, must be attached to this Special Resolution (special resolution of consortia or joint ventures).*

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Pre-tender Site Inspection Meeting Certificate

Project Name:	**EC – WFTC IP WORKING FOR THE COAST**		
Tender no:	**DFFE-T003 (23-24)**	**Reference no:**	**EPIP- A170102297**
Advertising date:	**18 APRIL 2023**	**Closing date:**	**16 MAY 2023**

This is to certify that I,_____representing

_____in the company of

_____visited the site on: _____

I have made myself familiar with all local conditions likely to influence the work, and the cost thereof. I further certify that I am satisfied with the description of the work, and explanation given at the site inspection meeting, and that I perfectly understand the work to be done, as specified and implied, in the execution of this contract.

Name of Tenderer	Signature	Date

Name of DFFE Representative (PM / SCM)	Signature	Date

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REPUBLIC OF SOUTH AFRICA

SBD 6.1

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

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

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

---

1. GENERAL CONDITIONS

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

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 The applicable preference points is as follows:

a) The applicable preference point system for this tender is the **80/20** preference point system.

b) Either the **90/10 or 80/20 preference point system** will be applicable in this tender. The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.

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

(a) Price; and

(b) Specific Goals.

1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	**80**
SPECIFIC GOALS	**20**
Total points for Price and SPECIFIC GOALS	**100**

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

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

2. DEFINITIONS

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

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

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

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

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

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

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

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

80/20 or 90/10

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

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

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

3.2.1. POINTS AWARDED FOR PRICE

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

80/20 or 90/10

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

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmax = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

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

4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—

(a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or

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

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

(Note to organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.

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

The specific goals allocated points in terms of this tender	**Number of points allocated (90/10 system) (To be completed by the organ of state)**	**Number of points allocated (80/20 system) (To be completed by the organ of state)**	**Number of points claimed (90/10 system) (To be completed by the tenderer)**	**Number of points claimed (80/20 system) (To be completed by the tenderer)**
>50% ownership by Black people, Or	10	20		
>50% ownership by Women, Or	10	20		
>50% ownership by people with Disability	10	20		

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm ……

4.4. Company registration number: ……..…...

4.5. TYPE OF COMPANY/ FIRM

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

[TICK APPLICABLE BOX]

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

i) The information furnished is true and correct;

ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;

iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;

iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –

(b) disqualify the person from the tendering process;

(c) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;

(d) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;

(e) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the audi alteram partem (hear the other side) rule has been applied; and

(f) forward the matter for criminal prosecution, if deemed necessary.

WITNESSES

1. .....

2. .....

.....

SIGNATURE(S) OF BIDDERS(S)

DATE.....

ADDRESS.....

.....

.....

.....

Schedule of Tenderer's Current and Completed Projects

Project Name:	**EC – WFTC IP WORKING FOR THE COAST**		
Tender No:	**DFFE-T003 (23-24)**	**Closing date:**	**16 MAY 2023**
Advertising date:	**18 APRIL 2023**	**Validity period:**	**120 days**

1. Particulars of Tenderer's Current and Completed commitments.

1.1. Current Projects

Projects currently engaged in		**Name of the Employer or Representative of the Employer**	**Contact Cell / Tel. no. of the Employer or Representative of the Employer**	**Contract amount**	**Contractual commencement date**	**Contractual completion date**	**Current percentage progress**
1							
2							
3							
4							
5							
6							
7							
8							

1.2. Completed Projects

Projects completed not above 10 (ten) years		Name of the Employer or Representative of the Employer	Contact Cell / Tel. no. of the Employer or Representative of the Employer	Contract amount	Contractual commencement date	Contractual completion date	Actual completion date	Date of Certificate of Practical Completion
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

Name of Tenderer	Signature	Date

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REPUBLIC OF SOUTH AFRICA

RECORD OF ADDENDA TO TENDER DOCUMENTS

Project Name:	**EC - WFTC IP WORKING FOR THE COAST**		
Tender no:	**DFFE-T003 (23-24)**	**Reference no:**	**EPIP- A170102297**

1. I / We confirm that the following communications received from the Department of Forestry, Fisheries and Environment before the submission of this tender offer, amending the tender documents, have been takeninto account in this tender offer: (Attach additional pages if more space is required)

No.	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Name of Tenderer	Signature	Date

2. I / We confirm that no communications were received from the Department of Forestry, Fisheries andEnvironment before the submission of this tender offer, amending the tender documents.

Name of Tenderer	Signature	Date

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Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

SCHEDULE FOR IMPORTED MATERIALS AND EQUIPMENT

Project Name:	**EC - WFTC IP WORKING FOR THE COAST**		
Tender no:	**DFFE-T003 (23-24)**	**Reference no:**	**EPIP- A170102297**

This schedule should be completed by the tenderer. (Attach additional pages if more space is required)

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

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

These net amounts will be adjusted as follows:

FORMULA:

The net amount to be added to or deducted from the contract sum:$A = V\left(\frac{Z}{Y} - 1\right)$

A = the amount (R) of adjustment

V = the net amount (supplier's quotation) (R) of the imported itemY = exchange rate at the closing date of tender submission

Z = exchange rate on the date of payment.

Name of Tenderer	Signature	Date

ELECTRICAL CONTRACTOR CREDENTIALS

Project Name:	**EC - WFTC IP WORKING FOR THE COAST**		
Tender no:	**DFFE-T003 (23-24)**	**Reference no:**	**EPIP- A170102297**

1. The bidder is required to submit the credentials of the Electrical Contractor that will be utilized on the project, as per the below documents.

No.	Submission Document	Submitted (Yes/No)
1.	Registration with the Electrical Contractors Association (SA)	
2.	Individual Electrician curriculum Vitae	
3.	Individual Electrician passed trade certificates	
4.	Company must have five years Electrical Construction experience	
5.	Relevant OHS Training Certificates for individuals (for Electrical)	
6.		
7.		
8.		
9.		
10.		

Name of Tenderer	Signature	Date

2. I / We confirm that no communications were received from the Department of Forestry, Fisheries and Environment before the submission of this tender offer, amending the tender documents.

Name of Tenderer	Signature	Date

PLUMBING CONTRACTOR CREDENTIALS

Project Name:	**EC - WFTC IP WORKING FOR THE COAST**		
Tender no:	**DFFE-T003 (23-24)**	**Reference no:**	**EPIP- A170102297**

3. The bidder is required to submit the credentials of the Plumbing Contractor that will be utilized on the project, as per the below documents.

No.	Submission Document	Submitted (Yes/No)
11.	Registration with the Plumbing Industry Registration Board (PIRB)	
12.	Individual plumbers curriculum Vitae	
13.	Individual Plumbers passed trade certificates	
14.	Company must have five years Plumbing Construction experience	
15.	Individual Plumbers certificates in terms of the Skills Development Act	
16.	Relevant OHS Training Certificates for individuals (for Plumbing)	
17.		
18.		
19.		
20.		

Name of Tenderer	Signature	Date

4. I / We confirm that no communications were received from the Department of Forestry, Fisheries and Environment before the submission of this tender offer, amending the tender documents.

Name of Tenderer	Signature	Date

B-BBEE EXEMPTED AFFIDAVIT FOR EXEMPTED MICRO ENTERPRISES (ISSUED IN TERMS OF THE AMENDED CONSTRUCTION SECTOR CODE) (Gazette Vol. 630 No. 41287)

Issued in terms of paragraph 3.6.2.4.1 (B)

I, the undersigned,

Full names and surname	
Identity number	

Hereby declare under oath as follows:

1. The contents of this statement are to the best of my knowledge a true reflection of the facts.
2. I am a Member / Director / Owner of the following enterprise and am duly authorized to act on its behalf:

Enterprise Name:			
Trading Name (If Applicable):			
Registration Number:			
Physical Address:			
Type of Entity (CC, (Pty) Ltd, Sole Prop etc.):			
Nature of Construction Business: ***Indicate the applicable category with a tick.***	**BEP** (Built Environment Professional)	**Contractor**	**Supplier**
Definition of "Black People"	As per the Broad-Based Black Economic Empowerment Act 53 of 2003 as Amended by Act No 46 of 2013 "Black People" is a generic term which means Africans, Coloureds and Indians – who are citizens of the Republic of South Africa by birth or descent; or who became citizens of the Republic of South Africa by naturalization before 27 April 1994; or after 27 April 1994 and who would have been entitled to acquire citizenship by naturalization prior to that date;"		
Definition of "Black Designated Groups"	"Black Designated Groups" means: (a) unemployed black people not attending and not required by law to attend an educational institution and not awaiting admission to an educational institution; (b) Black people who are youth as defined in the National Youth Commission Act of 1996; (c) Black people who are persons with disabilities as defined in the Code of Good Practice on employment of people with disabilities issued under the Employment Equity Act; (d) Black people living in rural and under-developed areas; (e) Black military veterans who qualifies to be called a military veteran in terms of the Military Veterans Act 18 of 2011;"		

3) I hereby declare under Oath that as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,

- The Enterprise is _____% Black Owned
- The Enterprise is _____% Black Female Owned
- The Enterprise is _____% Owned by Black Designated Group (provide Black Designated Group Breakdown below as per the definition in the table above)

  o Black Youth % _____%
  o Black Disabled % _____%
  o Black Unemployed % _____%
  o Black People living in Rural areas % _____%
  o Black Military Veterans % _____%

- Based on the Financial Statements/Management Accounts and other information available on the latest financial year-end of _____, the annual Total Revenue was less than the applicable amount confirmed **by ticking the applicable box below.**

BEP	R1.8 million	
Contractor	R3.0 million	
Supplier	R3.0 million	

If the turnover exceeds the applicable amount in the table above then this affidavit is no longer applicable and an EME certificate must be obtained from a rating agency accredited by SANAS or when applicable a B-BBEE Verification Professional Regulator appointed by the Minister of Trade and Industry.

- Please Confirm on the below table the B-BBEE Level Contributor, **by ticking the applicable box below.**

100% Black Owned	**Level One** (135% B-BBEE procurement recognition level)	
At least 51% Black Owned	**Level Two** (125% B-BBEE procurement recognition level)	
At least 30% Black Owned	**Level Four** (100% B-BBEE procurement recognition level)	
Less than 30% Black Owned	**Level Five** (80% B-BBEE procurement recognition level)	

3. I know and understand the contents of this affidavit and I have no objection to take the prescribed oath and consider the oath binding on my conscience and on the Owners of the Enterprise which I represent in this matter.

4. The sworn affidavit will be valid for a period of 12 months from the date signed by commissioner.

Deponent: _____

Signature: _____

Date: _____

_____
Commissioner of Oaths

_____
Signature

Official Stamp (with date)

Construction Sector Affidavit

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Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

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Annex C

Local Content Declaration - Summary Schedule

(C1)	Tender No.			
(C2)	Tender description:			
(C3)	Designated product(s)			
(C4)	Tender Authority:			
(C5)	Tendering Entity name:			
(C6)	Tender Exchange Rate:	Pula	EU	GBP
(C7)	Specified local content %			

Note: VAT to be excluded from all calculations

		Calculation of local content						Tender summary			
Tender item no's	List of items	Tender price - each (excl VAT)	Exempted imported value	Tender value- net of exempted imported content	Imported value	Local value	Local content % (per item)	Tender Qty	Total tender value	Total exempted imported content	Total Imported content
(C8)	(C9)	(C10)	(C11)	(C12)	(C13)	(C14)	(C15)	(C16)	(C17)	(C18)	(C19)

(C20) Total tender value	R 0	
(C21) Total Exempt imported content		R 0
(C22) *Total* Tender value net of exempt imported content		R 0
(C23) Total Imported content		R 0
(C24) Total local content		R 0
(C25) Average local content % of tender		

Signature of tenderer from Annex B

Date:

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Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

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Annex D

Imported Content Declaration - Supporting Schedule to Annex C

(D1)	Tender No.						
(D2)	Tender description:						
(D3)	Designated Products:						
(D4)	Tender Authority:						
(D5)	Tendering Entity name:						
(D6)	Tender Exchange Rate:	Pula		EU	R 9.00	GBP	R 12.00

Note: VAT to be excluded from all calculations

A. Exempted imported content

Tender item no's	Description of imported content	Local supplier	Overseas Supplier	Calculation of imported content: Forign currency value as per Commercial Invoice	Tender Exchange Rate	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Summary: Tender Qty	Summary: Exempted imported value
(D7)	(D8)	(D9)	(D10)	(D11)	(D12)	(D13)	(D14)	(D15)	(D16)	(D17)	(D18)

(D19) Total exempt imported value: R 0

This total must correspond with Annex C - C 21

B. Imported directly by the Tenderer

Tender item no's	Description of imported content	Unit of measure	Overseas Supplier	Calculation of imported content: Forign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Summary: Tender Qty	Summary: Total imported value
(D20)	(D21)	(D22)	(D23)	(D24)	(D25)	(D26)	(D27)	(D28)	(D29)	(D30)	(D31)

(D32) Total imported value by tenderer: R 0

C. Imported by a 3rd party and supplied to the Tenderer

Description of imported content	Unit of measure	Local supplier	Overseas Supplier	Calculation of imported content: Forign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Summary: Quantity imported	Summary: Total imported value
(D33)	(D34)	(D35)	(D36)	(D37)	(D38)	(D39)	(D40)	(D41)	(D42)	(D43)	(D44)

(D45) Total imported value by 3rd party: R 0

D. Other foreign currency payments

Type of payment	Local supplier making the payment	Overseas beneficiary	Calculation of foreign currency payments: Foreign currency value paid	Tender Rate of Exchange	Summary of payments: Local value of payments
(D46)	(D47)	(D48)	(D49)	(D50)	(D51)

(D52) Total of foreign currency payments declared by tenderer and/or 3rd party:

(D53) Total of imported content & foreign currency payments - **(D32), (D45) & (D52)** above: R 0

This total must correspond with Annex C - C 23

Signature of tenderer from Annex B

Date:

forestry, fisheries & the environment
Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

SATS 1286.2011

Annex E

Local Content Declaration – Supporting Schedule to Annex C

(E1)	**Tender No.**	
(E2)	**Tender description:**	
(E3)	**Designated products:**	
(E4)	**Tender Authority:**	
(E5)	**Tendering Entity name:**	

Note: VAT to be excluded from all calculations

Local Products (Goods, Services and Works)	Description of items purchased	Local suppliers	Value
	(E6)	*(E7)*	*(E8)*

(E9) **Total local products (Goods, Services and Works)** R 0

(E10)	**Manpower costs**	(Tenderer's manpower cost)	R 0
(E11)	**Factory overheads**	(Rental, depreciation & amortisation, utility costs, consumables etc.)	R 0
(E12)	**Administration overheads and mark-up**	(Marketing, insurance, financing, interest etc.)	R 0

(E13) **Total local content** R 0

This total must correspond with Annex C - C24

Signature of tenderer from Annex B

Date:

VOLUME 3:

THE CONTRACT PART A
Agreement and Contract

C1.2 CONTRACT DATA:

JBCC 2000 PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018)

Project Name:	**EC – WFTC IP WORKING FOR THE COAST**
Reference no.:	**EPIP-A170102297**

Advertisement Date:	**18 APRIL 2023**	**Validity:**	**120**
Closing Date:	**16 MAY 2023**	**Closing time:**	**11:h00am**

	The Conditions of Contract are clauses 1 to 14 of the **JBCC** Series 2000 Principal Building Agreement (Edition 6.2 of May 2018) prepared by the Joint Building Contracts Committee. Copies of these conditions of contract may be obtained through most regional offices of the Association of South African Quantity Surveyors, Master Builders Association, South African Association of Consulting Engineers, South African Institute of Architects, Association of Construction Project Managers, Building Industries Federation South Africa, South African Property Owners Association or Specialist Engineering Contractors Committee.

A PROJECT INFORMATION

A 1.0 Works [1.1]

Works Description:	The project comprises the following main deliverables: • Demolition of the existing Ablution Blocks; • The construction of two new repositioned Ablution Blocks; • The construction of a new grass blocked public parking area; • The erection of new ClearVu perimeter fence and access gates; • The construction of poly timber walkways and viewing decks; • The construction of life saver raised lookout post; • The construction of formalized picnic facilities and related furniture; • The construction of formalized children playing area's; • The Installation of energy efficient street lighting. • The construction of a formal boat launch; • The construction of formal walkways to strategic viewpoints and fishing spots; • The upgrading of existing access roads and pedestrian crossings. The description of the Works is not necessarily complete and shall not limit the work to be carried out by the Contractor under this Contract.

A 2.0 Site [1.1]

Erf / Stand number:	N/A
Town / Suburb:	COFFEE BAY beach and HOLE IN THE WALL beach
Site Address:	**Site 1 - Venue**: Mthatha: Mqanduli **-** Coffee Bay Beach: GPS Co-ordinates 31°59'9.996"S; 29°8'50.0028"E (Coffebay beach - the site is 70km from Mqanduli town in the Umtata region). **Site 2 - Venue**: Mthatha: Mqanduli **-** Hole in the Wall Beach: GPS Co-ordinates 32°03'.51"S; 29°11'.25" (Hole in the Wall beach - the site is 10km from Coffebay beach).
Local Authority:	King Sabata Dalindyebo Local Municipality

A 3.0 Employer [1.1]

Official Name of Organ of State / Public Sector Body	Department of Forestry, Fisheries, and the Environment
Postal Address:	Postal address: Department of Forestry, Fisheries, and the Environment Private Bag X 447 Pretoria 0001
Physical address:	Environmental House Ground Floor of the Department of Forestry, Fisheries and Environment 473 Steve Biko Road Arcadia, Pretoria 0083
Business registration number:	Government Department
Country:	South Africa
Employer's representative: Name	Ms Nandipha Mkhengcele
E-mail:	nmkhengcele@dffe.gov.za
Mobile Number:	067 417 3699
Telephone number:	043 722 3466

A 4.0 Principal Agent [1.1]

Name (contact person)	Ms Nandipha Mkhengcele
Company Name:	Department of Forestry, Fisheries & the Environment
Practice number:	Candidate CPM B/1471/2013 (SACPCMP)
Telephone number:	043 722 3469
Mobile number	067 417 3699
Country:	South Africa
E-mail:	nmkhengcele@dffe.gov.za
Postal address:	4 Muir Street, Southernwood East London, 5201
Physical address:	4 Muir Street, Southernwood East London, 5201

A 5.0 Principal Consultant [1.1]

Name (contact person)	Mr Luke Mafuma
Company Name:	MBB Consulting Engineers EC
Practice number:	ECSA - 2019300598
Telephone number:	046 622 7223
Mobile number	073 134 3176
Country:	South Africa
E-mail:	lm@mbb.co.za
Postal address:	P.O Box 509 Grahamstown 6140
Physical address:	3 Miles Street Makhanda 6139

A 6.0 Quantity Surveying [1.1, 6.2]

Name (contact person)	Jurgens Hanekom
Company Name:	MBB Consulting Engineers EC
Practice number:	SACQSP – Pr (QS)3619
Telephone number:	046 622 7223
Mobile number	073 134 3176
Country:	South Africa
E-mail:	gst@mbb.co.za
Postal address:	P.O Box 509 Grahamstown 6140
Physical address:	3 Miles Street Makhanda 6139

A 7.0 Architect [1.1, 6.2]

Name (contact person)	Richard Krige
Company Name:	MBB Consulting Engineers EC
Practice number:	SACAP - PSAT24750998
Telephone number:	046 622 7223
Mobile number	084 238 4698
Country:	South Africa
E-mail:	rrk@mbb.co.za
Postal address:	P.O Box 509 Grahamstown 6140
Physical address:	3 Miles Street Makhanda 6139

A 8.0 Structural and Civil Engineering [1.1, 6.2]

Name (contact person)	Mr Luke Mafuma
Company Name:	MBB Consulting Engineers EC
Practice number:	ECSA - 2019300598
Telephone number:	046 622 7223
Mobile number	073 134 3176
Country:	South Africa

E-mail:	lm@mbb.co.za
Postal address:	P.O Box 509 Grahamstown 6140
Physical address:	3 Miles Street Makhanda 6139

A 9.0 Electrical Engineering [1.1, 6.2]

Name (contact person)	Michael Tsaha
Company Name:	MBB Consulting Engineers EC
Practice number:	ECSA - 20140130
Telephone number:	046 622 7223
Mobile number	073 134 3176
Country:	South Africa
E-mail:	gst@mbb.co.za
Postal address:	P.O Box 509 Grahamstown 6140
Physical address:	3 Miles Street Makhanda 6139

A 10.0 Environmental Consultant [1.1, 6.2]

Name (contact person)	Cameron E. Singh
Company Name:	ACER (Africa) Environmental Consultants
Practice number:	EAPASA – 2019/1687
Telephone number:	035 340 2715 / 046 622 7223
Mobile number	067 406 8662
Country:	South Africa
E-mail:	cameron.singh@acerafrica.co.za
Postal address:	P.O Box 509 Grahamstown 6140
Physical address:	3 Miles Street Makhanda 6139

A 11.0 Agent [1.1, 6.2]

Name (contact person)	
Company Name:	
Practice number:	
Telephone number:	
Mobile number	
Country:	
E-mail:	
Postal address:	
Physical address:	

A 12.0 Agent [1.1, 6.2]

Name (contact person)	
Company Name:	
Practice number:	
Telephone number:	

Mobile number	
Country:	
E-mail:	
Postal address:	
Physical address:	

A 13.0 Agent [1.1, 6.2]

Name (contact person)	
Company Name:	
Practice number:	
Telephone number:	
Mobile number	
Country:	
E-mail:	
Postal address:	
Physical address:	

B CONTRACT INFORMATION

B 1.0 Definitions [1.1]

Bills of quantities: System/Method of measurement	Seventh Edition 2015 of the Standard System of Measuring Builder's Work

B 2.0 Law, regulations, and notices [2.0]

Law applicable to the **works**, state country [2.1]	Republic of South Africa

B 3.0 Offer and acceptance [3.0]

Currency applicable to this **agreement** [3.2]	South African Rands

B 4.0 Documents [5.0]

The original signed **agreement** is to be held by the **principal agent** [5.2], if not, indicate by whom	**Employer (the Department)**
Number of copies of **construction information** issued to the **contractor** at no cost [5.6]	**2 (copies)**
Documents comprising the **agreement**	Page numbers
The **JBCC®** Principal Building Agreement, Edition 6.2 May 2018	1 to 30
The **JBCC®** Principal Building Agreement - Contract Data for Organs of State and other Public Sector Bodies, Edition 6.2 May 2018	1 to 14
The **JBCC®** General Preliminaries for use with the **JBCC®** Principal Building Agreement, Edition 6.2 May 2018	1 to 7
Bills of Quantities	Refer to index
Additional documentation as stated in Procurement document	

Contract Drawings Description:	**Drawing Number:**	**Revision:** R 00	**Date:** 27 July 2021

Coffee-Bay:

General Note	Number G2857/M600
Site Plan	Number G2857/M/501
Ablution Blocks	Number G2857/M/502
Detail Sheet 1	Number G2857/M/503
Detail Sheet 2	Number G2857/M/504
Detail Sheet 3	Number G2857/M/505
Detail Sheet 4	Number G2857/M/506
Life-guard Tower	Number G2857/M/507
Project Name Board	Number G2857/M/508
Locality Plan	Number G2857/M/509

Hole in the Wall:

Site Plan	Number G2857/M/601
Detail Sheet 1	Number G2857/M/602
Detail Sheet 2 (Parking)	Number G2857/M/603
Detail Sheet 3	Number G2857/M/604
Detail Sheet 2 (walkway)	Number G2857/M/605

Refer to the drawings included in the tender document annexures

B 5.0 Employer's agents [6.0]

Authority is delegated to the following **agents** to issue **contract instructions** and perform duties for specific aspects of the **works** [6.2]
MBB Consultants

Principal agent's and **agents**' interest or involvement in the **works** other than a professional interest [6.3]
N/A

B 6.0 Insurances [10.0]

Insurances by **Employer**			Amount including tax	Deductible amount including tax
Contract works insurance:				
	New **works** [10.1.1] (**contract sum** or amount)			
or	**Works** with **practical completion** in **sections** [10.2] (**contract sum** or amount)			
or	**Works** with alterations and additions [10.3] (reinstatement value of existing structures with or including new **works**)			
	Direct contractors [10.1.1; 10.2] where applicable, to be included in the contract works insurance			
	Free issue [10.1.1; 10.2] where applicable, to be included in the contract works insurance			
	Escalation, professional fees and reinstatement costs if not included above			
Total of the above contract works insurance amount				
Supplementary insurance [10.1.2; 10.2]				
Public liability insurance [10.1.3; 10.2]				
Removal of lateral support insurance [10.1.4; 10.2]				
Other insurances [10.1.5]				
Yes / No		If yes, description 1		
Yes / No		If yes, description 2		

and/or

Insurances by **Contractor**			Amount including tax	Deductible amount including tax
Contract works insurance:				
	New **works** [10.1.1] (**contract sum** or amount)		R	
or	**Works** with **practical completion** in **sections** [10.2] (contract sum or amount)			
or	**Works** with alterations and additions [10.3] (reinstatement value of existing structures with or including new works)			
	Direct contractors [10.1.1; 10.2] where applicable, to be included in the contract works insurance		N/A	
	Free issue [10.1.1; 10.2] where applicable, to be included in the contract works insurance		N/A	
	Escalation, professional fees and reinstatement costs if not included above		N/A	
Total of the above contract works insurance amount			R	
Supplementary insurance [10.1.2]			R	
Public liability insurance [10.1.3]			R	
Removal of lateral support insurance [10.1.4]				
Other insurances [10.1.5] Refer B17.0				
Yes / No		If yes, description 1		
Yes / No		If yes, description 2		

B 7.0 Obligation of the employer [12.1]

Existing premises will be in use and occupied [12.1.2]		Yes/no?	No
If yes, description	N/A		
Restriction of working hours [12.1.2]		Yes/no?	No
If yes, description	N/A		
Natural features and known services to be preserved by the contractor [12.1.3]		Yes/no?	Yes
If yes, description	The dune and wetland		
Restrictions to the site or areas that the contractor may not occupy [12.1.4]		Yes/no?	Yes
If yes, description	The dune and wetland		
Supply of free issue [12.1.10]		Yes/no?	No
If yes, description	N/A		

B 8.0 Nominated subcontractors [14.0]

Yes/No	No	If yes, description of Specialisation

~~Specialisation 1~~	
Specialisation 2	
Specialisation 3	
Specialisation 4	
~~Specialisation 5~~	

B 9.0 Selected subcontractors [15.0]

Yes/No	Yes	If yes, description of Specialisation

Specialisation 1	
Specialisation 2	
Specialisation 3	
Specialisation 4	
Specialisation 5	

B 10.0 Direct contractors [16.0]

Yes/No	No	If yes, description of extent of work

~~Extent of work [12.1.11~~	
Extent of work [12.1.11	
Extent of work [12.1.11	
Extent of work [12.1.11	
~~Extent of work [12.1.11~~	

B 11.0 Description of sections [20.1]

Section 1	
Section 2	
Section 3	
Section 4	
Section 5	
Section 6	
Section	Remainder of the works

B 12.0 Possession of site [12.1.5], practical completion [19.0; 20.0] and penalty [24.0]

Practical completion for the **works** as a whole	Intended date of possession of the **site** Refer B17.0 [12.1.5; 12.2.22]	Period for inspection by the **principal agent** [19.3]	The date for **practical completion** shall be the period as indicated below from the date of possession of the **site** by the **contractor.** [12.2.7; 24.1]	**Penalty** for late completion [24.1]
	Date: ……	**working days:** ……	**Date:** ……	Penalty amount per **calendar day (**excl. **tax**)
				R 4 486.58

or where sections are applicable

Practical completion for the **works** as a whole	Intended date of possession of the **site** Refer B17.0 [12.1.5; 12.2.22]	Period for inspection by the **principal agent** [19.3]	The date for **practical completion** shall be the period as indicated below from the date of possession of the **site** by the **contractor** [12.2.7; 24.1]	**Penalty** for late completion [24.1]
	Date:	**working days:**	**Date:**	Penalty amount per **calendar day (**excl. **tax**)
				R
Section 1				
Section 2				
Section 3				
Section 4				
Section 5				
Section 6				
Section 7				
Section 8				
Remainder of the **works**				

Criteria to achieve **practical completion** not covered in the definition of **practical completion**
N/A

Defects liability period [21.0]

Extended defects liability period: Refer B17.0 [21.13]		Yes/no?	No
If yes, description of applicable elements	e.g.: Electrical reticulation / Air conditioning system / Landscaping 13.1 13.2 13.3 13.4 13.5 13.6		

Payment [25.0]

Date of month for issue of regular **payment certificates** [25.2]	25th of every Month		
Contract price adjustment / Cost fluctuations [25.3.4; 26.9.5]	Yes/no?	No	
If yes, method to calculate			
Employer shall pay the **contractor** within: [25.10]	Twenty-one (30) **calendar days**		

Dispute resolution [30.0]

Adjudication [30.6.1; 30.10] Name of nominating body	Principal Agent or to be agreed between the parties
Applicable rules for adjudication [30.6.2]	As per the JBCC
Arbitration [30.7.4; 30.10] name of nominating body	Association of Arbitrators (SA)
Applicable rules for arbitration [30.7.5]	Association of Arbitrators (SA)

JBCC® General Preliminaries – selections

Provisional bills of quantities [P2.2]		Yes/No	Yes	
Availability of construction information [P2.3]		Yes/No	Yes	
Previous work - dimensional accuracy - details of previous contract(s) [P3.1]		No		
Previous work - **defects** - details of previous contract(s) [P3.2]		No		
Inspection of adjoining properties - details [P3.3]		No		
Handover of **site** in stages - specific requirements [P4.1]		No		
Enclosure of the **works** - specific requirements [P4.2]		No		
Geotechnical and other investigations - specific requirements [P4.3]		EIA and Flood-line assessment have been conducted		
Existing premises occupied - details [P4.5]		Yes, the beach is operational		
Services - known - specific requirements [P4.6]				
Water [P8.1]	By contractor	Yes/No	**Yes**	
	By employer	Yes/No	No	
	By **employer** – metered	Yes/No	No	
Electricity [P8.2]	By contractor	Yes/No	**Yes**	
	By employer	Yes/No	No	
	By **employer** – metered	Yes/No	No	
Ablution and welfare facilities [P8.3]	By contractor	Yes/No	**Yes**	
	By employer	Yes/No	No	

Communication facilities - specific requirements [P8.4]	N/A
Protection of the **works - s**pecific requirements [P11.1]	N/A
Protection / isolation of existing **works** and **works** occupied in **sections -** specific requirements [P11.2]	N/A
Disturbance - specific requirements [P11.5]	N/A
Environmental disturbance - specific requirements [P11.6]	The dune and wetlands

Changes made to JBCC® documentation

Reference may be made to other documents forming part of this agreement
SHORTENED VERSION OF THE PRELIMINARIES AS PER THE BoQ.

C TENDERER'S SELECTIONS

Security [11/0]

Guarantee for construction: Select Option A or B ☐

Option A	**Guarantee for construction** (variable) by **contractor** [11.1.1]

Option B	**Guarantee for construction** (fixed) by **contractor** [11.1.2]

Guarantee for payment by **employer** [11.5.1; 11.10]	Not applicable

Advance payment, subject to a **guarantee for advance payment** [11.2.2; 11.3]	Not applicable

C 2.0 Contractor's annual holiday periods during the construction period

Year 1 contractor's annual holiday period	start date		end date	
Year 2 **contractor**'s annual holiday period	start date		end date	
Year 3 **contractor**'s annual holiday period	start date		end date	

C 3.0 Payment of preliminaries [25.0]

Contractor's selection

Select Option A or B ☐

Where the **contractor** does not select an option, Option A shall apply

Payment methods

Option A	The **preliminaries** shall be paid in accordance with an amount prorated to the value of the **works** executed in the same ratio as the amount of the **preliminaries** to the **contract sum**, which **contract sum** shall exclude the amount of **preliminaries**. Contingency sum(s) and any provision for cost fluctuations shall be excluded for the calculation of the aforesaid ratio

Option B	The **preliminaries** shall be paid in accordance with an amount agreed by the **principal agent** and the **contractor** in terms of the **priced document** to identify an initial establishment charge, a time-related charge, and a final dis-establishment charge. Payment of the time-related charge shall be assessed by the **principal agent** and adjusted from time to time as may be necessary to consider the rate of progress of the **works**

Lump sum contract

Where the amount of **preliminaries** is not provided it shall be taken as 7.5% (seven and a half per cent) of the **contract sum**, excluding contingency sum(s) and any provision for cost fluctuations

C 4.0 Adjustment of preliminaries [26.9.4]

Contractor's selection

Select Option A or B ☐

Where the **contractor** does not select an option, Option A shall apply

Provision of particulars

The **contractor** shall provide the particulars for the purpose of the adjustment of **preliminaries** in terms of his selection. Where completion in **sections** is required, the **contractor** shall provide an apportionment of **preliminaries** per **section**

Option A	An allocation of the **preliminaries** amounts into Fixed, Value-related and Time-related amounts as defined for adjustment method Option A below, within fifteen (15) **working days** of the date of acceptance of the tender

Option B	A detailed breakdown of the **preliminaries** amounts within fifteen (15) **working days** of possession of the **site**. Such breakdown shall include, inter alia, the administrative and supervisory staff, the use of **construction equipment**, establishment and dis-establishment charges, insurances and guarantees, all in terms of the **Programme**

Adjustment methods

The amount of **preliminaries** shall be adjusted to take account of the effect which changes in time and/or value have on **preliminaries**. Such adjustment shall be based on the particulars provided by the **contractor** for this purpose in terms of Options A or B, shall preclude any further adjustment of the amount of **preliminaries** and shall apply notwithstanding the actual employment of resources by the **contractor** in the execution of the **works**

Option A	The **preliminaries** shall be adjusted in accordance with the allocation of **preliminaries** amounts provided by the **contractor,** apportioned to **sections** where completion in **sections** is required Fixed - An amount which shall not be varied Value-related - An amount varied in proportion to the **contract value** as compared to the **contract sum**. Both the **contract sum** and the **contract value** shall exclude the amount of **preliminaries**, contingency sum(s) and any provision for cost fluctuations Time-related - An amount varied in proportion to the number of **calendar days** extension to the date of **practical completion** to which the **contractor** is entitled with an adjustment of the **contract value** [23.2; 23.3] as compared to the number of **calendar days** in the initial **construction period** [26.9.4]

Option B	The adjustment of **preliminaries** shall be based on the number of **calendar days** extension to the date of **practical completion** to which the **contractor** is entitled with an adjustment of the **contract value** [23.2; 23.3] as compared to the number of **calendar days** in the initial **construction period** [26.9.4] The adjustment shall take into account the resources as set out in the detailed breakdown of the **preliminaries** for the period of construction during which the delay occurred

Failure to provide particulars within the period stated

Option A	Where the allocation of **preliminaries** amounts for Option A is not provided, the following allocation of **preliminaries** amounts shall apply: Fixed - Ten per cent (10%) Value-related - Fifteen per cent (15%) Time-related - Seventy-five per cent (75%) Where the apportionment of the **preliminaries** per **section** is not provided, the categorised amounts shall be prorated to the cost of each **section** within the **contract sum** as determined by the **principal agent**

Option B	Where the detailed breakdown of **preliminaries** amounts for Option B is not provided, Option A shall apply

Lump sum contract

Where the amount of **preliminaries** is not provided it shall be taken as 7.5% (seven and a half per cent) of the **contract sum**, excluding contingency sum(s) and any provision for cost fluctuations.

C1.4: HEALTH AND SAFETY AGREEMENTS

forestry, fisheries & the environment
Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

AGREEMENT WITH MANDATARY – SECTION 37 (1) & (2)

OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS 85 OF 1993

AGREEMENT ENTERED INTO BETWEEN TWO PARTIES

DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT

CLIENT (DFFE)

AND

NAME OF THE CONTRACTOR OR AGENT

In respect of Project:

PROJECT NAME: EC – WFTC IP WORKING FOR THE COAST

TENDER No.: DFFE-T003 (23-24)

SITE ADDRESS: Site 1 – Venue: Mthatha: Mqanduli **-** Coffee Bay Beach: GPS Co-ordinates 31°59'9.996"S; 29°8'50.0028"E

Site 2 - Venue: Mthatha: Mqanduli **-** Hole in the Wall Beach: GPS Co-ordinates 32°03'.51"S; 29°11'.25"E

It is hereby agreed that the Agent or Contractor shall be responsible for ensuring that the provisions of OHSA and Regulations 85 of 1993 promulgated hereunder are fully complied with:

ACTS or OMMISSIONS BY EMPLOYEES or MANDATARIES –

(1) Whenever an employee does or omits to do any act which it would be an offence in terms of this Act for the employer of such employee or a user to do or omit to do, then, unless it is proved that -

(a) in doing or omitting to do that act the employee was acting without the connivance or permission of the employer or any such user;

(b) it was not under any condition or in any circumstance within the scope of the authority of the employee to do or omit to do an act, whether lawful or unlawful, of the character of the act or omission charged and

(c) all reasonable steps were taken by the employer or any such user to prevent any act or omission of the kind in question,

The employer or any such user himself shall be presumed to have done or omitted to do act and shall be liable to be convicted and sentenced in respect thereof; and the fact that he issued instructions forbidding any act or omission of the kind in question shall not, in, itself, be accepted as sufficient proof that he took all reasonable steps to prevent the act or omission.

(2) The provisions of subsection (1) shall *mutatis mutandis* apply in the case of a mandatory of an employer or user, except if the parties have agreed I writing to the arrangements and procedures between them to ensure compliance by the mandatary with the provisions of this Act.

SIGNED AT: _____ ON THIS _____DAY OF _____20____

_____ _____

NAME OF SIGNATORY **SIGNATURE**
(CONTRACTOR)

_____ _____

NAME OF SIGNATORY **SIGNATURE**
(CLIENT DFFE)

[Please Note: This document will only be considered and finalized with the appointed Contractor as it will be included in the project OHS File].

C2. PRICING DATA

Bills of Quantities with the Final Summary

C3. SPECIFICATIONS PART B

Occupational Health & Safety Specification (Appendix A)

C3. SPECIFICATIONS PART B

EPWP Corporate Branding Guidelines (Appendix B)

C4. SITE INFORMATION (APPENDIX C)

Tender Drawings / Designs

Item No		Quantity	Rate	Amount

BILL NO 1 :

PRELIMINARIES AND GENERAL

BUILDING AGREEMENT AND PRELIMINARIES

The JBCC Principal Building Agreement (Edition 6.2 - May 2018) prepared by the Joint Building Contracts Committee shall be the applicable building agreement, amended as hereinafter described

The JBCC Principal Building Agreement contract data form an integral part of this agreement

The JBCC General Preliminaries (May 2018) published by the Joint Building Contracts Committee for use with the JBCC Principal Building Agreement (Edition 6.2 - May 2018) shall be deemed to be incorporated in these bills of quantities, amended as hereinafter described

The contractor is deemed to have referred to the abovementioned documents for the full intent and meaning of each clause

The clauses in the above mentioned documents are hereinafter referred to by clause number and heading only

Where any item is not relevant to this agreement such item is marked N/A signifying "not applicable"

Where standard clauses or alternatives are not entirely applicable to this agreement such amendments, modifications, corrections or supplements as will apply are given under each relevant clause heading and such amendments, modifications, corrections or supplements shall take precedence notwithstanding anything to the contrary contained in the abovementioned documents

PREAMBLES FOR TRADES

Note that the text of the Standard System of Measuring Building Work (seventh edition) and that of the Standard Method of Measuring Building Work for Africa 2015 (first edition) is the same

The latest version of the General Preambles for Trades should be referred to should the General Preambles for Trades 2017 be revised in future

Carried Forward R

Brought Forward R

The General Preambles for Trades 2017 published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities and no claims arising from brevity of description of items fully described in the said General Preambles will be entertained

Supplementary preambles and/or specifications are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles and/or specifications shall take precedence over the provisions of the General Preambles

The contractor's prices for all items throughout these bills of quantities shall take account of and include where applicable for all of the obligations, requirements and specifications given in the General Preambles and in any supplementary preambles and/or specifications

STRUCTURE OF THIS PRELIMINARIES BILL

Section A : A recital of the headings of the individual clauses in the aforementioned JBCC Principal Building Agreement

Section B : A recital of the headings of the individual clauses in the aforementioned JBCC General Preliminaries

Section C :
Any special clauses to meet the particular circumstances of the project

PRICING OF PRELIMINARIES

Should the contractor select Option A in the contract data for the adjustment of preliminaries, the amounts entered against the relevant items in these preliminaries are to be divided into one or more of the three categories provided namely fixed (F), value related (V) and time related (T)

SECTION A: PRINCIPAL BUILDING AGREEMENT

Interpretation (A1-A7)

1 Clause 1.0 - Definitions and interpretation

2 Pricing of bills of quantities

Carried Forward R

Section No. 1
Bill No. 1
PRELIMINARIES & GENERAL

	Brought Forward		R	
3	The contractor is to allow opposite each item for all costs in connection therewith. All prices to include, unless otherwise stated, for all materials, fabrication, conveyance and delivery, unloading, storing, unpacking, hoisting, labour, setting, fitting and fixing in position, cutting and waste (except where to be measured in accordance with the standard system of measurement), patterns, models and templates, plant, temporary works, returning of packaging, duties, taxes (other than Value Added Tax), imposts, establishment charges, overheads, profit and all other obligations arising out of this agreement. Value Added Tax (VAT) is to be separately stated on the summary page of these bills of quantities			
4	Items left unpriced will be deemed to be covered in prices against other items throughout these bills of quantities and no claim for any extras arising out of the contractor's omission to price any item will be entertained			
5	Prices for all construction equipment, temporary works, services and other items shall include for the supply, maintenance, operating cost and subsequent removal and making good as necessary			
6	Abbreviated descriptions			
7	The items in these bills of quantities utilise abbreviated descriptions. It is the intention that the abbreviated descriptions be fully described when read with the applicable measuring system and the relevant preambles and/or specifications. However, should the full intent and meaning of any description not be clear, the contractor shall, before submission of his tender, call for a written directive from the principal agent, failing which it shall be assumed that the contractor has allowed in his pricing for materials and workmanship in terms of international best practice			
8	Legal status of contractor			
9	If the contractor constitutes a joint venture, consortium or other unincorporated grouping of two or more persons then:			
10	1. These persons are deemed to be jointly and severally liable to the employer for the performance of this agreement			
11	2. These persons shall notify the employer of their leader who has assigned authority to bind the contractor and each of these persons			
	Carried Forward		R	

Section No. 1
Bill No. 1
PRELIMINARIES & GENERAL

	Brought Forward		R	
12	3. The contractor shall not alter its composition or legal status without the prior written consent of the employer			
13	Clause 2.0 - Law, regulations and notices The cost to the employer of the NHBRC levies mentioned below is to be conveyed to the employer in order to present an overall building cost NHBRC levies. The employer shall allow for and pay any levies required by the National Home Builders Registration Council (NHBRC). The contractor warrants that he is registered and will maintain registration with the NHBRC for the duration of this agreement [2.1] F:..... V:..... T:.....	Item		
14	Clause 3.0 - Offer and acceptance F:..... V:..... T:..... A : 0.00 B : 0.00	Item		
15	Clause 4.0 - Cession and assignment F:..... V:..... T:..... A : 0.00 B : 0.00	Item		
16	Clause 5.0 - Documents			
17	Value Added Tax			
18	Provision is made in the summary page of these bills of quantities for the inclusion of Value Added Tax (VAT)			
19	Priced document as specification Clause 5.4 is deemed to be deleted			
20	The principal agent shall decide which portion of the priced document may be used as a specification of materials and goods or methods, if any			
21	Clause 6.0 - Employer's Agents			
22	1. Architect			
23	The architect is responsible for the architectural design, functional design and quality inspection of the works			
24	1.2 Contract instructions [6.2; 17.1] :			
25	1.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement			
	Carried Forward		R	

Section No. 1
Bill No. 1
PRELIMINARIES & GENERAL

	Brought Forward		R	
26	1.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works			
27	1.2.3 The site [13.0]			
28	1.2.4 Compliance with the law, regulations and by laws [2.1]			
29	1.2.5 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works			
30	1.2.6 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]			
31	1.2.7 Removal or re-execution of work			
32	1.2.8 Removal or substitution of any materials and goods			
33	1.2.9 Protection of the works			
34	1.2.10 Making good physical loss and repairing damage to the works [23.2.2]			
35	1.2.11 Rectification of defects [21.2]			
36	1.2.12 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion, a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion			
37	1.2.13 Expenditure of budgetary allowances, prime cost amounts and provisional sums			
38	1.2.14 Appointment of a subcontractor [14.0; 15.0]			
39	1.2.15 Work by direct contractors [16.0]			
40	1.2.16 On suspension or termination, protection of the works, removal of construction equipment and surplus materials and goods [29.0]			
41	2. Quantity surveyor			
42	The quantity surveyor is responsible for all measurements, valuations, financial assessments and all other quantity surveying and cost control functions of the works			
43	2.2 Contract instructions [6.2; 17.1] :			
44	2.2.1 No contract instructions delegated to the quantity surveyor			
45	3. Civil and structural engineer			
	Carried Forward		R	

Section No. 1
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PRELIMINARIES & GENERAL

	Brought Forward		R	
46	The civil and structural engineer is responsible for all aspects of civil and structural engineering design and quality inspection of the works			
47	3.2 Contract instructions [6.2; 17.1] :			
48	3.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement			
49	3.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works			
50	3.2.3 The site [13.0]			
51	3.2.4 Compliance with the law, regulations and bylaws [2.1]			
52	3.2.5 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works			
53	3.2.6 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]			
54	3.2.7 Removal or re-execution of work			
55	3.2.8 Removal or substitution of any materials and goods			
56	3.2.9 Protection of the works			
57	3.2.10 Making good physical loss and repairing damage to the works [23.2.2]			
58	3.2.11 Rectification of defects [21.2]			
59	3.2.12 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion, a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion			
60	3.2.13 Expenditure of budgetary allowances, prime cost amounts and provisional sums			
61	5 Electrical Engineer			
62	The electrical engineer is responsible for all aspects of electrical engineering design and quality inspection of the works and, where appointed by the employer for quantity surveying services in respect of the electrical installations, for all measurements, valuations, financial assessments and all other quantity surveying and cost control functions			
	Carried Forward		R	

	Brought Forward		R	
63	5.2 Contract instructions [6.2; 17.1] :			
64	5.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement			
65	5.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works			
66	5.2.3 Compliance with the law, regulations and bylaws [2.1]			
67	5.2.4 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works			
68	5.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]			
69	5.2.6 Removal or re-execution of work			
70	5.2.7 Removal or substitution of any materials and goods			
71	5.2.8 Protection of the works			
72	5.2.9 Making good physical loss and repairing damage to the works [23.2.2]			
73	5.2.10 Rectification of defects [21.2]			
74	5.2.11 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion, a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion			
75	5.2.12 Expenditure of budgetary allowances, prime cost amounts and provisional sums			
76	8. Health and safety consultant			
77	8.1 Duties [6.2] : The health and safety consultant is responsible for all aspects of health and safety of the works. Without derogating from the generality thereof, the health and safety consultant will perform the following specific functions and duties in respect of the health and safety aspects of the works. He shall:			
78	8.1.1 Act as the employer's agent in terms of the Construction Regulations issued in terms of the Occupational Health and Safety Act,1993 as amended			
79	8.1.2 Prepare and update the health and safety specification for the works			
	Carried Forward		R	

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	Brought Forward		R	
80	8.1.3 Agree with the contractor the health and safety plan for the works			
81	8.1.4 Carry out regular audits to ensure adherence to the safety plan and compliance with the act and regulations			
82	8.1.5 Stop the execution of the works where the agreed specification or plan is not adhered to			
83	Clause 7.0 - Design responsibility F:..... V:..... T:..... A : 0.00 B : 0.00	Item		
	Insurances and securities (A8-A11)			
84	Clause 8.0 - Works risk F:..... V:..... T:..... A : 0.00 B : 0.00	Item		
85	Clause 9.0 - Indemnities F:..... V:..... T:..... A : 0.00 B : 0.00	Item		
86	Clause 10.0 - Insurances F:..... V:..... T:..... A : 0.00 B : 0.00	Item		
87	Clause 11.0 - Securities	Item		
88	Extension of waiver of lien The contractor shall ensure that a waiver of lien is included in all subcontracts and that the works executed on the site are kept free of all liens and other encumbrances at all times [11.10] F:..... V:..... T:.....	Item		
	Execution (A12 - A17)			
89	Clause 12.0 - Obligations of the parties			
90	*Clause 12.2.18 Office accommodation* **Office accommodation** The contractor shall provide, maintain and remove on practical completion air conditioned office accommodation with suitable tables and chairs for meetings to be held on the site. Such offices shall be kept clean and fit for use at all times [12.2.18]	Item		
	Carried Forward		R	

	Brought Forward		R	
91	*Clause 12.2.18 - Notice board* **Notice board** The contractor shall erect in a position approved by the principal agent, maintain and remove on practical completion a notice board recommended by the South African Institute of Architects and as approved by the principal agent listing the names and logos of the employer, the contractor and the professional consultants. No subcontractor or supplier notice boards may be erected unless permission is granted by the principal agent for such notice boards to be erected [12.2.18]	Item		
92	*Clause 12.1.6 Statutory and other notices* **Statutory and other notices** The contractor shall submit and/or comply with all statutory and other notices that may be required by any local or other authority in order not to cause any delay to the commencement of the works by the contractor. The contractor shall pay all deposits or fees in this regard It is, however, specifically recorded that the employer shall be responsible for the timeous approval of building plans by any local or other authorities and the payment of any fees or charges related thereto	Item		
93	*Clause 13.0 - Setting out* **Setting out** **Encroachments** The **contractor** shall notify the **principal agent** if any encroachment of adjoining foundations, buildings, structures, pavements, boundaries, services, etc exist in order that the necessary arrangements may be made for the rectification of any such encroachments [13.2.1] F:..... V:..... T:..... A : 0.00 B : 0.00	Item		
94	Clause 14.0 - **Nominated subcontractors** F:..... V:..... T:.....	Item		
	Carried Forward		R	

Section No. 1
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	Brought Forward			R
95	Clause 15.0 - **Selected subcontractors** F:..... V:..... T:.....		Item	
96	Clause 16.0 - **Direct contractors** Attendance on direct contractors In respect of direct contractors the contractor shall: 1. Designate an area for the direct contractor to establish a temporary office and workshop and storage of equipment and materials 2. Allow the use of personnel welfare facilities, where provided 3. Provide water, lighting and single phase electric power to a position within 50m of the place where the direct contract work is to be carried out, other than fuel or power for commissioning of any installation 4. Permit the direct contractor to use erected scaffolding, hoisting facilities, etc provided by the contractor, in common with others having the like right, while it remains erected on the site [16.1] F:..... V:..... T:.....		Item	
97	Clause 17.0 - **Contract instructions** Site instructions issued on site are to be recorded in a site instruction book which is to be supplied and maintained on site by the contractor F:..... V:..... T:.....		Item	
	<u>Completion (A18 - A24)</u>			
98	Clause 18.0 - Interim completion F:..... V:..... T:.....		Item	
99	Clause 19.0 - Practical completion F:..... V:..... T:..... A : 0.00 B : 0.00		Item	
100	Clause 20.0 - Completion in sections F:..... V:..... T:.....		Item	
	Carried Forward			R

	Brought Forward		R	
101	Clause 21.0 - Defects liability period and final completion F:..... V:..... T:.....	Item		
102	Clause 22.0 - Latent defects liability period F:..... V:..... T:..... A : 0.00 B : 0.00	Item		
103	*Clause 23.0 - Revision of the date for practical completion* **Substitution of materials and goods** The removal or substitution of any materials and goods which do not conform to the specification or the contract drawings shall not constitute grounds for the extension of the construction period nor for the adjustment of the contract value [17.1.8; 23.1 & 2] F:..... V:..... T:.....	Item		
104	Clause 24.0 - **Penalty** for late or non-completion F:..... V:..... T:..... A : 0.00 B : 0.00	Item		
	<u>Payment (A25 - A27)</u>			
105	Clause 25.0 - Payment			
106	Prices submitted Where prices are submitted by the contractor or subcontractor during the progress of the works in respect of contract instructions or in regard to a claim under the terms of this agreement and notwithstanding the fact that such prices may be used in an interim payment certificate, there is to be no presumption of acceptance. Should the principal agent wish to accept any such prices prior to the issue of the certificate of final completion, it shall be in writing			
107	F:..... V:..... T:..... A : 0.00 B : 0.00	Item		
108	Clause 26.0 - Adjustment of the contract value and final account			
109	Fluctuations in costs All fluctuations in costs, with the exception of fluctuations in the rate of Value Added Tax, shall be for the account of the contractor [26.9.5]			
	Carried Forward		R	

Section No. 1
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PRELIMINARIES & GENERAL

	Brought Forward		R	
110	Cost of claims All costs incurred by the contractor in the preparation of claims shall be borne by the contractor. This provision shall not preclude an adjudicator or an arbitrator appointed in terms of this agreement [30.6 & 7] from making a determination on costs			
111	Claims from subcontractors The contractor shall review, assess and adjudicate any claims received by him from any subcontractor and thereafter submit same to the principal agent with a recommendation in order to assist the principal agent in adjudicating the claim [26.6]			
112	F:..... V:..... T:.....	Item		
	A : 0.00 B : 0.00			
113	Clause 27.0 - Recovery of expense and/or loss			
114	F:..... V:..... T:.....	Item		
	A : 0.00 B : 0.00			
	Suspension and termination (A28 - A29)			
115	Clause 28.0 - Suspension by the contractor			
116	F:..... V:..... T:.....	Item		
	A : 0.00 B : 0.00			
117	Clause 29.0 - Termination			
118	F:..... V:..... T:.....	Item		
	A : 0.00 B : 0.00			
	Dispute resolution (A30)			
119	Clause 30.0 - Dispute resolution			
120	F:..... V:..... T:.....	Item		
	A : 0.00 B : 0.00			
121	Agreement The required information of the parties and the amount of the contract sum shall be inserted in the agreement for signature of the agreement by the parties			
122	F:..... V:..... T:.....	Item		
	A : 0.00 B : 0.00			
	Carried Forward		R	

Brought Forward R

123 Contract data

Payment of preliminaries

Where Option B is applicable and the initial **construction period** is extended the monthly charge shall be recalculated on the same basis as was initially applied but taking into account the revised **construction period** and the amounts already paid to the **contractor** [CD26.0]

Adjustment of preliminaries

Where the adjustment of **preliminaries** is in terms of Option A, the **construction period** and the initial **construction period** shall be calculated in **working days** [CD 26.0]

Where the adjustment of **preliminaries** is in terms of Option A and sectional completion is required, the **contractor** shall provide the **principal agent** with the division of the categorised amounts into **sections**. Should the **contractor** fail to provide such information within the period stipulated, the categorised amounts shall be prorated to the value of each **section** [CD 26.0]

Where the adjustment of **preliminaries** is required in terms of Option B and sectional completion is required, the **contractor** shall provide the **principal agent** with details of the resources required for each **section** and those that are common to **sections**. Should the **contractor** fail to provide such information within the period stipulated, Option A shall apply [CD 26.0]

Before submission of his tender the **contractor** is to complete the tenderer's selection in the **contract data**

124 F:..... V:.....
T:..... Item
A : 0.00 B : 0.00

SECTION B: GENERAL PRELIMINARIES

Definitions and interpretation (B1)

125 Clause 1.1 - Definitions F:.....
V:..... T:..... Item
A : 0.00 B : 0.00

126 Clause 1.2 - Interpretation F:.....
V:..... T:..... Item
A : 0.00 B : 0.00

Carried Forward R

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Bill No. 1
PRELIMINARIES & GENERAL

	Brought Forward		R	
	Documents (B2)			
127	Clause 2.1 - Checking of documents F:..... V:..... T:.....	Item		
	A : 0.00 B : 0.00			
128	Clause 2.2 - Provisional bills of quantities F:..... V:..... T:.....	Item		
129	Multiple procurement These bills of quantities are in multiple procurement format ie the "wet trades" - earthworks, concrete, formwork and reinforcement, precast concrete, masonry, waterproofing and sub-surface drainage - are provisionally measured and the subsequent trades are budgetary allowances and/or provisional sums F:..... V:..... T:.....	Item		
	A : 0.00 B : 0.00			
130	Clause 2.3 - Availability of construction information F:..... V:..... T:.....	Item		
131	Clause 2.4 - Ordering of materials and goods F:..... V:..... T:.....	Item		
	A : 0.00 B : 0.00			
	The site (B4)			
132	Clause 4.1 - Handover of site F:..... V:..... T:.....	Item		
	A : 0.00 B : 0.00			
133	Clause 4.2 - Enclosure of the works F:..... V:..... T:.....	Item		
	A : 0.00 B : 0.00			
134	Clause 4.3 - Geotechnical and other investigations F:..... V:..... T:.....	Item		
	A : 0.00 B : 0.00			
135	Clause 4.4 - Encroachments F:..... V:..... T:.....	Item		
	A : 0.00 B : 0.00			
	Carried Forward		R	

	Brought Forward		R	
136	Clause 4.5 - Existing premises occupied F:..... V:..... T:.....	Item		
	A : 0.00 B : 0.00			
137	Clause 4.6 - Services - known F:..... V:..... T:.....	Item		
	A : 0.00 B : 0.00			
	Management of contract (B5)			
138	Clause 5.1 - Management of the works F:..... V:..... T:.....	Item		
	A : 0.00 B : 0.00			
139	Clause 5.2 - Progress meetings F:..... V:..... T:.....	Item		
	A : 0.00 B : 0.00			
140	Clause 5.3 - Technical meetings F:..... V:..... T:.....	Item		
	A : 0.00 B : 0.00			
	Samples, shop drawings and manufacturer's instructions (B6)			
141	Clause 6.1 - Samples of materials F:..... V:..... T:.....	Item		
	A : 0.00 B : 0.00			
142	Clause 6.2 - Workmanship samples F:..... V:..... T:.....	Item		
	A : 0.00 B : 0.00			
	Temporary services (B8)			
143	Clause 8.1 - Water F:..... V:..... T:.....	Item		
	A : 0.00 B : 0.00			
144	Clause 8.2 - Electricity F:..... V:..... T:.....	Item		
	A : 0.00 B : 0.00			
145	Clause 8.3 - Ablution and welfare facilities F:..... V:..... T:.....	Item		
	A : 0.00 B : 0.00			
	Carried Forward		R	

	Brought Forward			R
146	Clause 8.4 - Communication facilities F:..... V:..... T:.....		Item	
	A : 0.00 B : 0.00			
	Attendance on subcontractors (B10)			
147	Clause 10.1 - General attendance User note General attendance is defined as being the duties of the contractor in terms of clause 12.2 of the JBCC n/s subcontract agreement F:..... V:..... T:.....		Item	
	A : 0.00 B : 0.00			
	General (B11)			
148	Clause 11.1 - Protection of the works F:..... V:..... T:.....		Item	
	A : 0.00 B : 0.00			
149	Clause 11.2 - Protection/isolation of existing works and works occupied in sections F:..... V:..... T:.....		Item	
	A : 0.00 B : 0.00			
150	Clause 11.3 - Security of the works F:..... V:..... T:.....		Item	
	A : 0.00 B : 0.00			
151	Clause 11.4 - Notice before covering work F:..... V:..... T:.....		Item	
	A : 0.00 B : 0.00			
152	*Clause 11.5 - Disturbance*			
	Disturbance All work is to be carried out in such a manner as to cause no unacceptable or unreasonable dust, noise, vibrations, nuisance, inconvenience, annoyance and the like to the public, others, other properties and traffic in so far as they exceed the permissible limitations set by government legislation or by the local authority. Any delays, stoppages and the like arising from or in order to comply with the above will not constitute grounds for an adjustment to the construction period or contract value whatsoever F:..... V:.....T:.....		Item	
	Carried Forward			R

	Brought Forward		R	
153	Clause 11.6 - Environmental disturbance Controlling all forms of pollution The contractor shall be responsible for and take all precautions in controlling by whatever means necessary all forms of pollution emanating from the site during the construction period due inter alia to noise, artificial light, wind-blown sand, dust, deposits of mud, etc The contractor is to ensure that all roads which border the site and are used by the contractor during the execution of the works are kept clean and free of any dirt or debris caused by the execution of the works Environmental management plan The employer has prepared an environmental management plan (EMP) The contractor shall price opposite this item for compliance with all the requirements of such EMP F:..... V:.....T:.....	Item		
154	Clause 11.7 - Works cleaning and clearing F:..... V:..... T:..... A : 0.00 B : 0.00	Item		
155	Clause 11.8 - Vermin F:..... V:..... T:..... A : 0.00 B : 0.00	Item		
156	Clause 11.9 - Overhand work F:..... V:..... T:..... A : 0.00 B : 0.00	Item		
	Carried Forward		R	

Brought Forward R

SECTION C: SPECIFIC PRELIMINARIES

157 **Warranties for materials and workmanship**

Where warranties for materials and/or workmanship are called for, the **contractor** shall obtain a written warranty, addressed to the **employer**, from the entity supplying the materials and/or doing the work and shall deliver same to the **principal agent** on the **final completion** of the contract

The warranty shall state that workmanship, materials and installation are warranted for a specific period from the date of **practical completion** and that any **defects** that may arise during the specified period shall be made good at the expense of the entity supplying the materials and/or doing the work, upon written **notice** to do so.

The warranty will not be enforced if the work is damaged by **defects** in the execution of the **works**, in which case the responsibility for replacement shall rest entirely with the **contractor**

F:..... V:..... T:.....
Item

158 **Overtime**

Should overtime be required to be worked for any reason whatsoever, the cost of such overtime is to be borne by the **contractor** unless the **principal agent** has specifically authorised, prior to execution thereof, that costs for such overtime are to be borne by the **employer**

F:..... V:..... T:.....
Item

159 **Co-operation of the contractor for cost management**

It is specifically agreed that the **contractor** accepts the obligation of assisting the **principal agent** in implementing proper cost management. The **contractor** will be advised by the **principal agent** of all cost management procedures which will be implemented to ensure that the **contract value** does not exceed the budget

F:..... V:..... T:.....
Item

Carried Forward R

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	Brought Forward		R	
160	**Overloading** The **contractor** shall take all necessary steps to ensure that no damage occurs due to overloading of any portion of the **works** or temporary works eg scaffolding, etc. The **contractor** shall submit details of his proposed loading, storage, plant erection, etc to the **principal agent** for approval prior to proceeding with such loading, storing or erecting and shall comply with and pay for the **principal agent's** requirements in connection with the provision of temporary support work, etc. Any damage caused to the **works** by overloading shall be made good by the **contractor** at his sole expense F:..... V:..... T:.....		Item	
161	**Propping of floors below** The **contractor** is advised that propping of floors below may be required if he wishes to use any areas of completed suspended reinforced concrete slabs for vehicle access, storage of **materials and goods** and location of plant, scaffolding, etc. The location of these areas and any necessary propping shall be approved by the **principal agent** and the cost thereof shall be borne by the **contractor** F:..... V:..... T:.....		Item	
162	**Testing of flat roof waterproofing for water tightness** Flat roof waterproof areas shall be prepared with small sand dykes around them of a size and enclosing an area approved by the **principal agent**, flooded with water and kept "ponded" for at least forty (40) hours as a test to ensure the water tightness of the waterproofing and before any further construction work is carried out above the waterproofing F:..... V:..... T:.....		Item	
	Carried Forward		R	

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

Item No		Quantity	Rate	Amount

BILL NO 2:

HEALTH, SAFETY AND ENVIRONMENT

Health and safety Pricing Instructions.
Failure, by the Tenderer, to price the items indicated below individually or per item will result in unsatisfactory implementation of mitigation measures for COVID-19 and tender being deemed non-responsive. The legal requirements contemplated in the Construction Regulations (CR) 5(1)(g):
"A Client must ensure that potential principal contractors submitting tenders, have made adequate provision for the cost of health and safety measures,"
and CR 5(1)(h): "A client must ensure that principal contractor to be appointed has the necessary competencies and resources to carry out the mitigation measures for COVID-19 and to perform construction work safely."
Shall apply and will be used to motivate the disqualification of the Tender. The contractor's attention is further drawn to Section 41 of the Occupational Health and Safety Act No. 85 Of 1993: This Act not affected by agreements.
Subject to the provisions of sections 10 (4) and 37 (2), a provision of this Act or a condition specified in any notice or direction issued there under or subject to which exemption was granted to any person under section 40, shall not be affected by any condition of any agreement, whether such agreement was entered into before or after the commencement of this Act or before or after the imposition of any such condition, as the case may be.

Prior to pricing the principal contractor must familiarize him/herself with the Occupational Health and Safety Act No. 85 Of 1993, Construction Regulations 2014, COVID-19 requirements other relevant Regulations and Standards as well as project specific Health &Safety specifications.

After pricing of the health and safety bill of quantities, the Contractor must sign the Certificate of Acquaintance as evidence that he is au fait regarding the contents, obligations and demands of the Occupational Health and Safety Act No. 85 Of 1993, Construction Regulations 2014, COVID-19 requirements other relevant Regulations and Standards as well as project specific Health &Safety specifications. Failure, by the Tenderer, to sign the Certificate of Acquaintance may result in the Tender being deemed non-responsive.

Carried Forward R

Section No. 1
Bill No. 2
HEALTH, SAFETY AND ENVIRONMENT

				R	
	Brought Forward				
1	Notify the provincial director in writing of the commencement of construction work with and including submission of a letter of receipt and acknowledgement of the notice by the director of his/her representative A : 0.00 B : 1.00		Item		
2	Allow for the necessary Workman's Compensation Fund or FEM contributions for the duration of the project with and including renewals A : 0.00 B : 1.00		Item		
3	Allow for the preparation and approval of project-specific H&S Plan & File [CR 7(1)(a)] A : 0.00 B : 1.00		Item		
4	Allow for the implementation and maintenance of project-specific H&S Plan & File. [CR 7] A : 0 B : 1	MNTS	1		
5	Allow for the appointment of a Full-Time Competent Construction Health & Safety Officer registered with SACPCMP (who has 3 to 5 years working experience) to assist in the control of all health and safety related aspects on site as per [CR 8(5)] A : 0 B : 6	MNTS	6		
6	Provide for appointment of responsible and competent person/s to manage and supervise the works and administer and enforce health and safety on site as per [CR 8(1), (2), &(7) A : 0 B : 12	MNTS	12		
7	Allow for provision of telecommunication facilities for the appointed Construction Health & Safety Officer A : 0 B : 12	MNTS	12		
8	Allow for provision of Basic Emergency Preparedness and Response equipment & at least Level 2 First Aider A : 0 B : 12	MNTS	12		
	<u>Provide, supply and maintenance for each worker the following SANS approved personal protective equipment & clothing as per the site-specific risk assessments:</u>				
9	Hard Hats (High Density polyethylene, & 6-point lining) A : 0 B : 50	No	50		
10	Overall/work suit (100% Cotton) A : 0 B : 50	No	50		
11	Safety boots/shoes (Steel-Toe) A : 0 B : 50	No	50		
	Carried Forward			R	

Section No. 1
Bill No. 2
HEALTH, SAFETY AND ENVIRONMENT

				R	
	Brought Forward				
12	Safety gloves A : 0.0 B : 100.0	Pairs	100.0		
13	Ear Plugs/Muffs A : 0 B : 100	No	100		
14	Dust Mask (at least FF2 type) A : 0 B : 400	No	400		
15	Respirators A : 0 B : 50	No	50		
16	Safety goggles A : 0 B : 100	No	100		
17	High visibility reflective vests and/or bibs A : 0 B : 50	No	50		
18	Temporary warning signs and symbols A : 0 B : 30	No	30		
19	SANS approved safety netting (orange color with minimum of 1,2 meters high) A : 0 B : 1250	m	1 250		
20	Provision for the supply and maintenance of Road Traffic Signs as in terms of the South African Road Traffic Signs Manual complete A : 0 B : 20	No	20		
21	Allow for Pre-employment medical examinations A : 0.00 B : 50.00		Item		
22	Allow for exit medical examinations A : 0.00 B : 50.00		Item		
	<u>COVID-19 ITEMS</u>				
23	Hand-Held “No touch” Thermometer A : 0.00 B : 2.00		Item		
24	Awareness and warning signage(s) A : 0.00 B : 30.00		Item		
25	Disposal of contaminated material A : 0 B : 12	MNTS	12		
26	Sanitizing spraying chemical A : 0 B : 24	No	24		
27	Supply of soap A : 0 B : 24	No	24		
	Carried Forward			R	

Section No. 1
Bill No. 2
HEALTH, SAFETY AND ENVIRONMENT

				R	
	Brought Forward				
28	Cloth Face Masks A : 0 B : 3600	No	3 600		
29	Face shield (only for screening person) A : 0 B : 50	No	50		
30	Latex gloves (only for screening person) A : 0 B : 100	No	100		
31	Preparation of Addendum Covid-19 Health and Safety Plan (Including Risk Assessment) A : 0.00 B : 1.00		Item		
32	Medical Waste bins and plastics A : 0 B : 20	No	20		
	HEALTH AND SAFETY EDUCATION				
33	Allow for HIV/AIDS awareness and Implementation programmes, including STI and TB A : 0 B : 12	MNTS	12		
34	Allow for all compulsory health and safety awareness programme (e.g. Inductions, toolbox Talks, Safety Promotions, H&S related training, COVID-19 etc.) A : 0 B : 12	MNTS	12		
	ENVIRONMENTAL				
35	Provide for adequate handling and storage of materials to minimize contamination of ground, air, and water. A : 0.00 B : 1.00		Item		
36	Provide for the adequate and safe collection and disposal of waste material from site by an approved method. A : 0.00 B : 1.00		Item		
37	Provide Facilities and Eating Area for workers. A : 0.00 B : 1.00		Item		
38	Provide for rehabilitation on completion of site areas and temporary access routes not covered by construction or landscaping specifications. A : 0.00 B : 1.00		Item		
39	Provide for stockpiling of topsoil for re-use A : 0.00 B : 1.00		Item		
	Carried Forward			R	

	Brought Forward		R	
	COMMUNITY LIAISON OFFICER			
40	Allow the amount of R192 000.00 (One Hundred and Ninety Two Thousand) to Provide for appointment of a Community Liason Officer for the duration of the project who shall be appointed by the contractor. Allow for R8000 per month including telecomunication allowance. A : 1.00 B : 1.00	Item		
41	Overheads, charges and profit on the above item		%	
	COMPULSORY BREAKDOWN FOR THE ADJUSTMENT OF PRELIMINARIES			
42	Value Related ?? A : 0.00 B : 0.00	Item		
43	Fixed Value Related ?? A : 0.00 B : 0.00	Item		
44	Time Related ?? A : 0.00 B : 0.00	Item		
	Carried Forward to Summary of Section No. 1		R	

Section No. 1
Bill No. 2
HEALTH, SAFETY AND ENVIRONMENT

Item No		Quantity	Rate	Amount
	BILL No. 3			
	DEMOLITIONS			
	DEMOLITIONS			
1	Allow for the demolition of the two existing ablution blocks in their entirety including foundations including the removal of all debris and making good of the site to a municipal approved waste disposal site. A : 0.00 B : 1.00	Item		
2	Allow for the appointment of a registered fibre cement waste disposal Specialist for the removal and disposal of all fibre cement related building material currently in the existing two ablution blocks. A : 0.00 B : 1.00	Item		
3	Allow for the locating, emptying (by means of a mechanical vacuum pump and sealable waste water removal vehicle). The contents of the conservancy tanks to be disposed of at a municipal approved waste water site. The removal of the existing waste water conservancy tanks and the waste water pipes, the disposal of same at an approved municipal waste disposal site. The making good of an reinstatement of the exposed excavations including the clean up of any waste water spillage that may have occurred. A : 0.00 B : 1.00	Item		
4	Allow for the taking down and dismantling and setting aside of the elevated rainwater storage tank and raised steel platform. A : 0.00 B : 1.00	Item		
	Carried Forward to Summary of Section No. 1		R	

Section No. 1
Bill No. 3
DEMOLITIONS

Item No			Quantity	Rate	Amount
	BILL No. 4				
	FOUNDATIONS (PROVISIONAL)				
	The Standard Preambles and the Notes in the various trade bills are to, and do, apply equally to this section.				
	EARTHWORKS				
	Excavations, Filling, Etc.				
1	Excavate in earth for surface trenches not exceeding 2000mm deep including depositing spoil on site. A : 0 B : 173	m3	173		
2	Extra over excavations in earth to bases and trenches for excavation in soft rock. A : 0 B : 5	m3	5		
3	Extra over excavations in earth to bases and trenches for excavation in hard rock. A : 0 B : 5	m3	5		
4	Allow for risk of collapse to sides of trench and base excavations not exceeding 1500mm deep. A : 0 B : 420	m2	420		
5	Allow for keeping excavations free from water. A : 0.00 B : 1.00		Item		
6	Approved imported G5 filling, selected and supplied by the contractor, deposited, watered and consolidated to 95% modified AASHTO density in 150mm thick layers in foundation trenches, bases, etc below footings. A : 0 B : 25	m3	25		
7	Approved imported G7 filling, selected and supplied by the contractor, deposited in layers not exceeding 150mm thick, watered and consolidated to 93% modified AASHTO density as backfilling to trenches, bases, etc. A : 0 B : 27	m3	27		
8	Approved imported G7 filling, selected and supplied by the contractor, deposited, watered and consolidated to 93% modified AASHTO density in 150mm thick layers under floors. A : 0 B : 15	m3	15		
	Carried Forward			R	

	Brought Forward			R	
9	Approved imported G5 filling, selected and supplied by the contractor, deposited, watered and consolidated to 95% modified AASHTO density in 150mm thick layers under floors. A : 0 B : 15	m3	15		
10	Extra over all excavations for carting surplus excavated material to a suitable dump site located by the Contractor. A : 0 B : 49	m3	49		
11	Clean, dry, sand filling, selected and supplied, deposited, watered and consolidated in 25mm thick blinding layer under floors, etc. A : 0 B : 4	m2	4		
	TESTING				
12	Provide and have filling compaction check tested by a Consulting Engineer's Laboratory and deliver the results to the Architect within 24 hours of the tests being completed. A : 0 B : 6	No	6		
	CONCRETE				
	Cement Concrete (20MPa/13mm Stone) In				
13	Filling to cavity of hollow brick walls. A : 0 B : 29	m3	29		
	CONCRETE CAST AGAINST EXCAVATED SURFACES				
	Reinforced Cement Concrete (25MPa/19mm Stone) In				
14	Footings. A : 0 B : 39	m3	39		
	MOVEMENT JOINTS, ETC.				
	Jointex Closed Cell Polyethelene Expansion Joint Filler				
15	Joint formed of one layer of 10mm thick set between vertical faces of concrete or brickwork. A : 0 B : 22	m2	22		
	BRICKWORK				
	Pricing for brickwork shall include the following:				
	a) All 270mm cavity walls shall be tied together with 5 Butterfly type wire ties per square metre.				
	Carried Forward			R	

				R	
	Brought Forward				
	b) All brick linings to concrete shall be tied back to concrete with no less than 2,5 ties per square metre, ties cut from 38 x 2mm hoop iron and shot nailed to concrete.				
	c) All metal fixings are to be hot-dipped galvanised.				
	d) Bricks used in loadbearing walls and external skins of cavity walls shall have a minimum compression strength of 14MPa and shall comply with SABS 021.				
	e) Mortar shall have a minimum compression strength of 10MPa.				
	Brickwork In Clay Bricks In Cement Mortar In				
16	Half brick wall. A : 0.0 B : 0.0	m2			
17	One brick wall. A : 0.0 B : 0.0	m2			
18	270mm Cavity wall in two half brick thicknesses including butterfly ties. A : 0.0 B : 0.0	m2			
19	330mm Cavity wall in two half brick thicknesses including butterfly ties. A : 0 B : 166	m2	166		
	Brick Reinforcement				
20	Brick reinforcement 80mm wide. A : 0.0 B : 0.0	m			
21	Brick reinforcement 230mm wide. A : 0 B : 1900	m	1 900		
	Face brick columns.				
22	Face brick columns in 230mm x 230mm A : 0 B : 20	m	20		
23	Face brick columns in 440mm x 440mm A : 0 B : 9	m	9		
	FACE BRICKWORK				
	Carried Forward			R	

	Brought Forward			R
	Heritage Travertine Face Bricks With Square Raked Pointed Vertical And Horizontal Joints			
24	Extra over brickwork for face brickwork. A : 0 B : 26	m2	26	
	Carried Forward to Summary of Section No. 1			R

Section No. 1
Bill No. 4
FOUNDATIONS (PROVISIONAL)

Item No			Quantity	Rate	Amount
	BILL No. 5				
	CONCRETE, FORMWORK AND REINFORCEMENT				
	All reinforced concrete is to be compacted with a mechanical vibrator.				
	All formwork shall include for propping to not exceeding 3500mm high unless otherwise described.				
	Formwork to sides of walls and columns shall be to walls and columns not exceeding 3500mm high unless otherwise described.				
	Formwork to soffits of solid slabs shall be to slabs not exceeding 250mm thick unless otherwise described.				
	TESTS				
1	Set of three concrete test cubes size 150 x 150 x 150mm overall including testing. A : 0.0 B : 10.0	Sets	10.0		
	REINFORCED CONCRETE				
	Reinforced Cement Concrete (25MPa/19mm Stone) In				
2	Surface beds cast in panels not exceeding 9m2. A : 0 B : 20	m3	20		
	REINFORCEMENT (PROVISIONAL)				
	High Tensile Steel Bar Reinforcement To Structural Concrete Work				
3	12mm Diameter bars. A : 0.00 B : 1.20	t	1.20		
	Fabric Reinforcement To Concrete Work				
4	High tensile steel mesh Ref. 193 to concrete surface beds, slabs, etc. A : 0 B : 201	m2	201		
	Carried Forward to Summary of Section No. 1			R	

Section No. 1
Bill No. 5
CONCRETE, FORMWORK AND REINFORCEMENT

Item No			Quantity	Rate	Amount
	BILL No. 6				
	MASONRY				
	BRICKWORK				
	Pricing for brickwork shall include the following:				
	a) All 270mm cavity walls shall be tied together with 5 Butterfly type wire ties per square metre.				
	b) All brick linings to concrete shall be tied back to concrete with no less than 2,5 ties per square metre, ties cut from 38 x 2mm hoop iron and shot nailed to concrete.				
	c) All metal fixings are to be hot-dipped galvanised.				
	d) Bricks used in loadbearing walls and external skins of cavity walls shall have a minimum compression strength of 14MPa and shall comply with SABS 021.				
	e) Mortar shall have a minimum compression strength of 10MPa.				
	Brickwork In Clay Bricks In Cement Mortar In				
1	Half brick wall. A : 0 B : 60	m2	60		
2	Half brick wall in beamfilling. A : 0 B : 13	m2	13		
3	One brick wall. A : 0 B : 98	m2	98		
4	270mm Cavity wall in two half brick thicknesses including butterfly ties. A : 0 B : 283	m2	283		
	Brickwork Sundries				
5	50 x 75mm Triangular cement mortar fillet in cavity wall including forming weepholes. A : 0 B : 77	m	77		
	Brick Reinforcement				
6	Brick reinforcement 80mm wide. A : 0 B : 286	m	286		
	Carried Forward			R	

					R
	Brought Forward				
7	Brick reinforcement 160mm wide. A : 0 B : 252	m	252		
8	Brick reinforcement 230mm wide. A : 0 B : 940	m	940		
	Precast Prestressed Vibrated Cement Concrete (30MPa) Lintols Including Moulds, Reinforcement, Propping, Etc.				
9	Lintol 110mm wide x 75mm deep in lengths not exceeding 3000mm. A : 0 B : 22	m	22		
	Ties, Cramps, Etc.				
10	3 x 30mm Galvanised hoop iron cramp 450mm long with one end twice screwed to timber frame and other end built into brickwork and turned up into joint. A : 0 B : 36	No	36		
	Carried Forward to Summary of Section No. 1				R

Section No. 1
Bill No. 6
MASONRY

Item No			Quantity	Rate	Amount
	BILL No. 7				
	WATERPROOFING				
	DAMP PROOFING TO WALLS AND FLOORS				
	One Layer 250 Micron Waterproof Sheeting				
1	Under surface beds. A : 0 B : 201	m2	201		
	One Layer 375 Micron Embossed Dampproof Sheeting				
2	On walls. A : 0 B : 96	m2	96		
	WATERPROOFING TO ABLUTIONS AND SHOWERS				
	One Coat ABE Duraflex Waterproofing System 2.0mm Thick Complete With Membrane Applied In Strict Accordance With The Manufacturer's Instructions, Including Laps, Turn-ups, Turn-downs, Etc. And Preparing And Priming Concrete Or Screeded Surfaces				
3	Shower floors. A : 0 B : 28	m2	28		
4	Shower walls. A : 0 B : 65	m2	65		
5	Narrow widths on shower walls. A : 0 B : 45	m2	45		
	One Coat ABE Duraflex Waterproofing System 2mm Thick Complete With Membrane Applied In Strict Accordance With The Manufacturer's Instructions, Including Laps, Turn-ups, Turn-downs, Etc. And Preparing And Priming Concrete Or Screeded Surfaces				
6	Concrete ablution floors. A : 0 B : 63	m2	63		
7	200mm High turn-ups. A : 0 B : 85	m	85		
	JOINT SEALANTS				
	Polysulphide Sealing Compound Including Primer, Etc.				
8	Seal and point around aluminium window and door frames. A : 0 B : 65	m	65		
	Carried Forward			R	

	Brought Forward			R	
	Polysulphide Sealing Compound Including Backing Cord, Bond Breaker, Primer, Etc.				
9	10mm Vertical joint strip at surfaces of brickwork or concrete. A : 0 B : 70	m	70		
	Carried Forward to Summary of Section No. 1			R	

Section No. 1
Bill No. 7
WATERPROOFING

Item No			Quantity	Rate	Amount
	BILL No. 8				
	PREFABRICATED ROOF TRUSSES				
	PREFABRICATED TRUSSES				
	Prefabricated timber roof trusses shall be constructed of South African pine by a firm of specialist designer manufacturers. Trusses to be a minimum of 1200mm centres and are to support a metal roof covering. Ceilings are either plasterboard or cladded (suspended or fixed). Price must include for the design , plans and approval of all timber trusses and no claim shall be considered. An Engineers approval certificate is required once the roof truss is complete and is for the contractors account.				
	Plate nailed timber roof truss construction				
	Note				
	Tenderer's are referred to the Architects roof plan drawing annexed to these Bill of Quantities/accompanying these Bills of Quantities for tender purposes. Specifications and calculations of prefabricated roof must be supplied by the contractor on award of the contract. Description (prices shall be deemed to include design.)				
1	Roof construction to double pitched roof with two hipped and mini gabled and hipped ends 13200mm x 10000mm overall on plan having a 22.5 pitch, including trusses, jack rafters, permanent bracing and 50mm x76mm purlins at 1000mm centres for roof covering (wall plates elsewhere measured) Drawing XYZ. A : 0 B : 2	No	2		
2	Allow for bracing, cross bracing, connecting clips, fixing brackets, hurricane clips, etc, as required for fixing in position of roof trusses as described in accordance with the manufacturers instructions. A : 0 B : 2	No	2		
	Wrought SA Pine.				
3	Extra over for wrought purlins at eaves and veranda's A : 0 B : 300	m	300		
	EAVES, VERGES, ETC				
	Carried Forward			R	

				R
	Brought Forward			
	PVC			
4	12 x 225mm PVC Barge board twice drilled and brass screwed to roof timber. A : 0 B : 12	m	12	
5	12 x 225mm PVC Fascia board three times drilled and brass screwed to and including 38mm x 50mm x 114mm long SA Pine cleats twice brass screwed to rafter foot including galvanized h-profile jointing strips, screws, holes etc. A : 0 B : 93	m	93	
	Allow For Taking Delivery, Storing, Protecting From Damage, Hoisting, Placing, Assembling And Fixing In Position Approximately 6800mm Above Ground Level, The Following Roof Trusses, Etc, Including Supplying, Fixing And Later Removing Temporary Braces, Etc.			
6	Roof construction to suit rectangular shaped building, approximate size 13,2m x 10mmm overall. A : 0 B : 1	No	1	
7	Temporary and permanent bracing to suit roof truss design. A : 0.00 B : 1.00		Item	
	Carried Forward to Summary of Section No. 1			R

Section No. 1
Bill No. 8
PRE-FABRICATED ROOF TRUSSES

Item No			Quantity	Rate	Amount
	BILL No. 9				
	ROOF COVERINGS				
	PROFILED METAL SHEETING				
	0,47mm Thick Safintra 762 Zinc Aluminium Factory Painted Corrugated Profile Roofing Sheets In Single Lengths, And Fittings, Finished With Charcoal Colorbond Finish On Top And Standard Colorbond To Underside, Fixed To Timber Purlins				
	Note:				
	The sheet metal roof coverings and flashings etc must be done by an approved firm of specialists in this type of work and must be carried out in strict accordance with the manufacturer's instructions.				
	The Contractor must provide a fifteen year material and workmanship guarantee in favour and acceptable to the Employer for this work and deposit same with the Principal Agent before the work is put in hand.				
1	Roof covering with pitch not exceeding 25 degrees. A : 0 B : 317	m2	317		
2	Standard head wall flashing. A : 0 B : 20	m	20		
3	Standard side wall flashing. A : 0 B : 20	m	20		
4	Standard counter flashing, including cutting sawcut groove in face of wall and sealing with approved silicone sealant. A : 0 B : 20	m	20		
5	Standard side wall cover flashing, including sawcut groove in face of wall and sealing with approved silicone sealant. A : 0 B : 20	m	20		
	Expanded Polyethelene Closers				
6	Polycloser headwall filler. A : 0 B : 104	m	104		
7	Polycloser eaves filler. A : 0 B : 104	m	104		
	INSULATION				
	Carried Forward			R	

				R
	Brought Forward			
	Sisalation 430 Reinforced Aluminium Foil Insulation			
8	Insulation laid with 150mm wide laps at all joints on top of timber purlins to manufacturer's instructions. A : 0 B : 317	m2	317	
	RAINWATER GOODS			
	Commercial Seamless Aluminium Rainwater Goods With Prepainted Charcoal Colour Finish And Approved Joints			
9	Ogee profile eaves gutter size 100 x 140mm and fixing to falls on patent brackets spaced at maximum 600mm centres screwed to timber fascia. A : 0 B : 93	m	93	
	Extra for			
10	Stopped end. A : 0.0 B : 0.0	No		
11	Outlet with 75 x 100mm rectangular nozzle. A : 0 B : 8	No	8	
12	75 x 100mm Rainwater pipe and fixing clear of walls with and including aluminium holderstraps at maximum 1000mm centres. A : 0 B : 24	m	24	
	Extra for			
13	Offset bend. A : 0 B : 8	No	8	
14	Shoe. A : 0 B : 8	No	8	
15	Eaves offset 50mm projection. A : 0 B : 8	No	8	
	Carried Forward to Summary of Section No. 1			R

Section No. 1
Bill No. 9
ROOF COVERINGS

Item No			Quantity	Rate	Amount
	BILL No. 10				
	CARPENTRY AND JOINERY				
	ROOFS, ETC.				
	The Following In Roofs				
	Sawn Pine				
1	38 x 114mm Wall plate. A : 0 B : 83	m	83		
2	50 x 76mm Purlin. A : 0 B : 366	m	366		
3	76 x 76mm Splayed purlin. A : 0 B : 83	m	83		
	EAVES AND VERGES				
	Eaves Treatment				
	6mm Cladit Fibre Reinforced Cement Sheets With H-Profile PVC Jointing Cover Strips Along Both Edges And Over Joints, Fixed With Galvanised Mild Steel Clout Nails				
4	Horizontal eaves soffit lining in 50mm widths fixed to and including 38 x 38mm sawn Pine brandering at 450mm centres across sheets and along both edges, with one edge brandering plugged to wall and other edge brandering fixed to 38 x 50mm hangers (hangers elsewhere measured). A : 0 B : 93	m	93		
5	Vertical triangular filler piece size 50 x 220mm high extreme, to end of eaves lining fixed with and including additional brandering and corner trims to exposed corners. A : 0 B : 4	No	4		
	Wrot Pine				
6	22 x 44mm Double rebated hardwood cornice. A : 0 B : 186	m	186		
7	Provide for the fitment strictly to manufacturers specification Sisalation FR430 insulation including stranded wiring and fixing A : 0 B : 201	m2	201		
	DOORS, ETC.				
	Carried Forward			R	

				R
	Brought Forward			
	Wrot Meranti Swartland Bolection Mould Or Other Approved Raised And Fielded Panel Doors With Four Panels Per Leaf			
8	44mm Panelled door, (Hung) size 813 x 2032mm. (D02). A : 0 B : 6	No	6	
	FLUSH DOORS			
	Semi-Solid Core Flush Panel Doors Finished On Both Faces With Commercial Veneer For Painting			
9	40mm Door, (Hung) size 813 x 2032mm. (D3). A : 0 B : 8	No	8	
	FRAMES, LININGS, ETC.			
	Selected Wrot Meranti Swartland Gold Or Other Approved Frames			
10	44 x 144mm Twice rebated frame. A : 0 B : 14	No	14	
	Carried Forward to Summary of Section No. 1			R

Section No. 1
Bill No. 10
CARPENTRY AND JOINERY

Item No			Quantity	Rate	Amount
	BILL No. 11				
	CEILINGS				
	The sizes of all sawn and wrot timbers are to hold to the full sizes specified.				
	South African Pine shall be referred to as Pine.				
	All items in this section are to be fixed, unless otherwise described, by spiking to wood.				
	Bolts for items described as bolted are measured elsewhere.				
	Items described as plugged are plugged and screwed to brickwork or concrete.				
	NAILED UP CEILINGS				
	6mm Fibre-cement boards with pvc extruded H-rails in cover strips				
1	Horizontal ceilings fixed to and including 38 x 38mm sawn Pine brandering at 450mm centres in one direction only and with additional brandering at outer edges of rooms and along joints of ceiling plates, fixed to soffit of timber trusses at centres not exceeding 1000mm. A : 0 B : 220	m2	220		
	INSULATION				
	IsoTherm Thermal Insulation Blanket				
2	135mm Thick insulation blanket laid on top of nailed up ceilings with ends tightly butt jointed together with no gaps in accordance with manufacturer's recommendations. A : 0 B : 220	m2	220		
	Carried Forward to Summary of Section No. 1			R	

Section No. 1
Bill No. 11
CEILINGS

Item No			Quantity	Rate	Amount
	BILL No. 12				
	IRONMONGERY				
	Ironmongery is fixed to timber unless otherwise described.				
	Each lock must be supplied with three keys.				
	IRONMONGERY TO DOORS, FRAMES, ETC.				
	Hinges, Bolts, Etc.				
1	Dorma DBB-SS-009 102 x 75 x 3mm stainless steel two ball bearing butt hinge. A : 0.0 B : 28.0	Pairs	28.0		
	En-Suite Locks, Etc				
2	Dorma D036S stainless steel cylinder sash lock. A : 0 B : 6	No	6		
3	Dorma DDC056501KD satin nickel 65mm five pin euro-profile double cylinder key to differ. A : 0 B : 6	No	6		
4	Dorma 005 bathroom indicator set in stainless steel A : 0 B : 8	No	8		
	Handles, Etc.				
5	Dorma CB30 satin chrome lever handle on plate with cylinder cutout. A : 0.0 B : 6.0	Sets	6.0		
	Stops, Holders, Hooks, Etc.				
6	Dorma DHC-SS-031B stainless steel hat and coat hook with rubber buffer. A : 0 B : 10	No	10		
	Signs				
7	Dorma DSS-131 F stainless steel 150 x 150mm FEMALE sign. A : 0 B : 2	No	2		
8	Dorma DSS-131 F stainless steel 150 x 150mm MALE sign. A : 0 B : 2	No	2		
	Carried Forward			R	

	Brought Forward			R	
9	Dorma DSS-131 F stainless steel 150 x 150mm disabled sign. A : 0 B : 2	No	2		
	BATHROOM FITTINGS (PROVISIONAL)				
10	Cleanbreak United Nampak TR3 roll toilet paper dispenser fixed to walls with stainless steel screws. A : 0 B : 10	No	10		
	Carried Forward to Summary of Section No. 1			R	

Section No. 1
Bill No. 12
IRONMONGERY

Item No		Quantity	Rate	Amount

BILL No. 13

ALUMINIUM WINDOWS

NOTES:

Drawings

Tenderers are referred to drawings issued with these Bills of Quantities and prices are to include for all sub-frames, cills, louvre panels, etc as indicated on the detailed drawings.

Ironmongery

All ironmongery is measured elsewhere with the exception of hinges and casement catches. All opening sections shall be hung on hinges supplied and fitted by the manufacturer. All casements shall be fitted with catches.

Certificates

Prior to the commencement of any site work, the following certificates should be provided:-

1. A copy of relevant AAMSA Performance Certificate from the manufacturer/contractor supplying the architectural aluminium product.

2. A Certificate of Conformance confirming that all anodizing or powder coating has been processed in strict accordance with SABS 999:1998 and SABS 1976:2001 respectively.

3. A Powder Coating Guarantee of no less than 15 years issued by the powder manufacturer. The specific conditions contained in this guarantee shall form part of the power coating process and may only be applied by an approved powder applicator.

4. A Certificate of Conformance that glazing has been installed in accordance with SABS 0137 ensuring that safety glass glazing materials have been installed in the mandatory areas and that each individual pane of safety glazing material has been permanently marked.

5. A Warranty from the manufacturer of the laminated safety glass and/or hermetically sealed glazing units warranting the products against delamination and colour degradation for a period of not less than 5 years.

Powder Coating

Carried Forward R

	Brought Forward			R	
	All powder coating shall be executed only by applicators approved by the powder manufacturers and shall be executed strictly in conformance with SABS 1796.				
	General				
	Glazing shall be executed in strict conformance with glass manufacturer's recommendations and all in accordance with the National Building Regulations, Part N, SABS 0137, SABS 1263 and AAAMSA selection guide for safety glazing materials.				
	Structural Glazing				
	In case of structural glazing, written proof is to be provided that all stages of fabrication and installation have been executed with disciplined quality assurance in accordance with the relevant parts of SABS ISO 9000.				
	Safety Glazing				
	All safety glazing materials (individual panes) shall be permanently marked. Such marking to be visible after glazing.				
	WHITE POWDER COATED ALUMINIUM WINDOWS				
	Glazed Aluminium Windows Manufactured On The Sheerline Sheersash 36 System Per Specification, Complete With Powder Coated Aluminium Sub-Frames, 15 x 15mm Square Aluminium Burglar Proofing To Open Sections, Double Strength Stainless Steel Extension Hinges, Casement Catches, 6.38mm Thick Intruderprufe Laminated Safety Glazing, Neoprene Gaskets And Including Setting Up, Building In, Filling Back Of Frame With Cement Mortar, Etc. (Silicone Pointing To Frame Elsewhere Measured)				
1	Window size 600 x 600mm high overall (Frosted glazing). A : 0 B : 5	No	5		
2	Window size 1600 x 600mm high overall (Frosted glazing). A : 0 B : 4	No	4		
	Carried Forward to Summary of Section No. 1			R	

Section No. 1
Bill No. 13
ALUMINIUM WINDOWS

Item No			Quantity	Rate	Amount
	BILL No. 14				
	PLASTERING				
	SCREED				
	Cement Screed On Concrete				
1	40mm Thick on floors. A : 0 B : 220	m2	220		
	Cement Screed Modified With ABE Duralatex Additive To Manufacturer's Instructions On Concrete				
2	80mm Thick (average) on floors graded to falls and currents. A : 0 B : 12	m2	12		
	INTERNAL PLASTER				
	Cement Plaster On Brickwork On				
3	Walls. A : 0 B : 420	m2	420		
4	Narrow widths. A : 0 B : 39	m2	39		
5	Sloping cill 140mm wide A : 0 B : 25	m	25		
	Carried Forward to Summary of Section No. 1			R	

Section No. 1
Bill No. 14
PLASTERING

Item No			Quantity	Rate	Amount
	BILL No. 15				
	TILING				
	NOTE:				
	All tiling is to be fixed with approved adhesive unless otherwise described to screeded, plastered or powerfloated surfaces which are elsewhere measured. All jointing is to be done with an approved grout unless otherwise described.				
	FLOOR TILING				
	400 x 400 x 9mm Porcelain Floor Tiles, (Prime Cost For Supply And Delivery Of R650,00/m2 Excluding VAT), Fixed With TAL Goldstar 6 Adhesive And Jointed And Pointed With Flush Joints In TAL Goldstar Sealmaster 1000 Polyurethane Joint Sealant On Screed (Elsewhere Measured) Including Polysulphide Expansion Joints At Not Exceeding 5m Centres In Either Direction				
1	On floors and landings with continuous joints in both directions. A : 0 B : 220	m2	220		
2	100 x 100mm Cut tiles to falls and currents, with continuous joints in both directions. A : 0 B : 11	m2	11		
	WALL TILING				
	300 x 300 x 9mm Porcelain Wall Tiles In Approved Patterns (Prime Cost For Supply And Delivery Of R550,00/m2 Excluding VAT), Fixed With TAL Goldstar 6 Or Equal Approved Adhesive And Jointed And Pointed With Flush Joints In Grout On Plaster (Elsewhere Measured)				
3	On walls. A : 0 B : 420	m2	420		
4	On narrow widths. A : 0 B : 39	m2	39		
5	On narrow widths to sloping window cills. A : 0 B : 20	m2	20		
	Carried Forward			R	

	Brought Forward			R	
	SUNDRIES				
6	Extra for polysulphide movement joint in floor tiling (Provisional) A : 0 B : 60	m	60		
	Edge Protectors, Etc.				
7	Kirk Marketing ASE080 3 x 8mm aluminium straight edge trim built into external corners, around window reveals and along edges of splashbacks, etc. A : 0 B : 120	m	120		
	Carried Forward to Summary of Section No. 1			R	

Section No. 1
Bill No. 15
TILING

Item No			Quantity	Rate	Amount
	BILL No. 16				
	PLUMBING AND DRAINAGE (PROVISIONAL)				
	SOIL DRAINAGE				
	Note:				
	Bedding and filling of trenches shall be as laid out in SABS 1200 LB - Bedding Flexible Pipes. Backfilling shall be done with selected approved filling from the excavations, and prices shall include for all carting away surplus material.				
	Rigid PVC Socketed Soil Piping Class 34 (SABS 791) With Bedding And Filling As Laid Out In SABS 1200 LB - Bedding Flexible Pipes, Backfilling With Excavated Material And Surplus Material Spread And Levelled On Site				
1	110mm Pipe fixed vertically in ramp (no excavation). A : 0 B : 25	m	25		
2	110mm Pipe and excavation not exceeding 1000mm deep. A : 0 B : 65	m	65		
3	110mm Pipe and excavation exceeding 1000mm and not exceeding 2000mm deep. A : 0 B : 50	m	50		
	Extra For				
4	110mm 45 Degree bend. A : 0 B : 15	No	15		
5	110mm 90 Degree bend. A : 0 B : 32	No	32		
6	110mm Access bend. A : 0 B : 26	No	26		
7	110mm Gulley trap with hopper head. A : 0 B : 4	No	4		
8	Cement concrete (15MPa) in encasing to 110mm diameter vertical bend of a minimum thickness of 150mm around fitting, including all necessary casing. A : 0 B : 20	No	20		
	Carried Forward			R	

				R	
	Brought Forward				
9	100mm Thick precast cement concrete (20MPa) block size 450 x 450mm finished on top in untinted granolithic with letters I.E. formed in top and setting in ground over inspection eyes. A : 0 B : 20	No	20		
10	PVC cleaning eye and frame and joint to top of 110mm P.V.C pipe. A : 0 B : 10	No	10		
11	A.B.C. cast iron cleaning eye and frame with cover bedded in red lead and fixed with gunmetal set screws and adaptor to top of 110mm PVC pipe. A : 0 B : 10	No	10		
	SANITARY PLUMBING				
	Rigid PVC Socketed Soil, Waste Or Vent Piping (SABS 967)				
12	40mm Pipe and fixing to walls, falls, in concrete, etc. A : 0 B : 45	m	45		
13	40mm Pipe including chases into walls, etc. A : 0 B : 20	m	20		
14	40mm Pipe and fixing to walls, falls, in concrete, etc. A : 0 B : 20	m	20		
	Extra For				
15	50mm "GI Two-Way" vent valve. A : 0 B : 10	No	10		
16	110mm "GI Two-Way" vent valve. A : 0 B : 10	No	10		
17	110mm Access stop end. A : 0 B : 10	No	10		
18	110mm Eccentric reducer. A : 0 B : 10	No	10		
19	40mm Bend. A : 0 B : 35	No	35		
20	110mm Bend. A : 0 B : 35	No	35		
21	40mm Access bend. A : 0 B : 25	No	25		
	Carried Forward			R	

				R	
	Brought Forward				
22	110mm Access bend. A : 0 B : 35	No	35		
23	110mm Access junction. A : 0 B : 15	No	15		
24	40mm Access junction. A : 0 B : 25	No	25		
25	110mm Junction. A : 0 B : 31	No	31		
26	110mm Double junction. A : 0 B : 10	No	10		
27	110mm Access double junction. A : 0 B : 10	No	10		
28	110mm Pan collar and joint to outgo of W.C. pan. A : 0 B : 14	No	14		
	CHROMIUM PLATED BRASS				
29	38mm Bottle trap as Hansgrohe HG52053000 jointed to waste union of basin and to PVC pipe including adaptor A : 0 B : 14	No	14		
30	40mm Sinkwaste complete with shank, backnut, plug and chain. A : 0 B : 14	No	14		
31	S/S RO 200 V or H NW 100 floor drain for shower and setting in concrete floor, complete with removable grating and joint to PVC pipe including adaptor. A : 0 B : 14	No	14		
32	38mm Urinal bottle trap as Hansgrohe jointed to waste union of urinal and to PVC pipe including adaptor A : 0 B : 14	No	14		
	SANITARY FITTINGS				
	Basins				
33	Cobra - Welcome - Wall hung basin in White A : 0 B : 14	No	14		
	Toilets				
34	Betta low level suite complete - in White A : 0 B : 12	No	12		
	Carried Forward			R	

Section No. 1
Bill No. 16
PLUMBING AND DRAINAGE (PROVISIONAL)

				R	
	Brought Forward				
	Urinals				
35	Betta wall hung urinals - in White A : 0 B : 4	No	4		
	COLD BULK WATER				
	Alterations to existing elevated water storage tank.				
	High Density Polyethylene Pipe Class 9 Type IV SABS 533 With Plasson Compression Fittings And Laid In Pipe Trenches As SABS 1200 L And SABS 1200 LB, Backfilling With Selected Excavated Material And Surplus Material Carted Away				
36	40mm Pipe and laying in ground 1000mm deep. A : 0 B : 25	m	25		
	Extra For Plasson Compression Fittings				
37	40mm Elbow. A : 0 B : 8	No	8		
38	40mm Tee A : 0 B : 2	No	2		
39	40mm adaptor to 32mm adaptor. A : 0 B : 2	No	2		
40	32mm adaptor to 25mm adaptor A : 0 B : 2	No	2		
41	25mm threaded Plastic Ball valves A : 0 B : 2	No	2		
	Sundries				
42	Excavate for and build valve chamber size 440 x 440mm in clear formed of half brick sides in cement mortar with a Maverick Trading Belltoby polmer cover and frame A : 0 B : 2	No	2		
	COLD WATER SUPPLY INTERNALLY				
	Preamble Note:				
	All piping from the elevated reservoir will be HDPE 533 compliant and all internal piping shall be Cobra or similar approved multi layer piping				
	Carried Forward			R	

				R	
	Brought Forward				
	All jointing/coupling will be stainless steel crimped fittings and all joints will be pressure tested by the Contractor and pressure tested for inspection and approval by the Engineer PRIOR to plastering into the chassed wall.				
	PEX multi layer pipe.				
43	15mm Pipe and fixing to walls, floors, in roofs, soffit of concrete slab, in concrete, etc. A : 0 B : 55	m	55		
44	15mm Pipe including chases into walls, etc. A : 0 B : 55	m	55		
45	22mm Pipe and fixing to walls, floors, in roofs, soffit of concrete slab, in concrete, etc. A : 0 B : 50	m	50		
46	22mm Pipe including chases into walls, etc. A : 0 B : 50	m	50		
	Extra For SS crimped Type Fittings				
47	15mm Fittings. A : 0 B : 80	No	80		
48	22mm Fittings. A : 0 B : 40	No	40		
	Brass Fittings				
49	Cobra 108 22mm hose bibtap complete. A : 0 B : 2	No	2		
	Chromium Plated Brass Fittings				
50	15mm Cobra Star Pattern XE-228-15 underwall stopcock with couplings to stainless steel crimped fittings A : 0 B : 14	No	14		
51	15mm Cobra Star Pillar Tap 1/2" Light pattern A : 0 B : 14	No	14		
52	Cobra Vandalproof showerhead A : 0 B : 14	No	14		
	Carried Forward			R	

Section No. 1
Bill No. 16
PLUMBING AND DRAINAGE (PROVISIONAL)

	Brought Forward			R
	TESTING			
53	Allow for testing all drains, sanitary plumbing and water supplies to the satisfaction of the Engineer, Architect and to Municipal requirements. All defective work is to be taken out and replaced at the Contractor's expense. A : 0.00 B : 1.00	Item		
	Carried Forward to Summary of Section No. 1			R

Section No. 1
Bill No. 16
PLUMBING AND DRAINAGE (PROVISIONAL)

Item No			Quantity	Rate	Amount
	BILL No. 17				
	GLAZING				
	MIRRORS				
1	Mirror size 6mm X 400 x 400mm four times holed for and screwed with chromium plated brass two piece cover headed screws fitted with 8mm thick neoprene gaskets to and including wall plugs. A : 0 B : 12	No	12		
	Carried Forward to Summary of Section No. 1			R	

Section No. 1
Bill No. 17
GLAZING

Item No			Quantity	Rate	Amount
	BILL No. 18				
	PAINTWORK				
	All plaster surfaces are smooth (floated) unless otherwise described.				
	PAINT ON PLASTER, FIBRE REINFORCED CEMENT, ETC.				
	Prepare And Apply One Coat Professional Gypsum And Plaster Primer And Two Coats Plascon Cashmere on				
1	EVERITE ceilings including priming cover fillets, cornices and nail heads. A : 0 B : 220	m2	220		
2	Fibre reinforced cement eaves lining with PVC cover strips. A : 0 B : 40	m2	40		
	Prepare And Apply One Coat Professional Gypsum And Plaster Primer And Two Coats Plascon Wall And All On				
3	Plastered walls. A : 0 B : 100	m2	100		
4	Plastered external walls. A : 0.0 B : 0.0	m2			
	PAINT ON WOOD				
	Prime Or Oil				
	Prepare, Stop And Apply One Coat Pink Wood Primer And Two Coats Plascon Velvaglo Satin On				
5	Semi hollow Doors. A : 0 B : 30	m2	30		
6	Panelled doors. A : 0 B : 24	m2	24		
	Prepare and apply one coat FC primer and Two Coats Plascon Wall And All On				
7	FC fascia not exceeding 300mm girth. A : 0 B : 95	m	95		
	Carried Forward to Summary of Section No. 1			R	
	Section No. 1 Bill No. 18 PAINTWORK				

Item No			Quantity	Rate	Amount
	BILL No. 19				
	EXTERNAL WORKS (PROVISIONAL)				
	SITE PREPARATION				
	Temporary Barriers, Screens, Etc Including Removal				
1	Security/Safety fencing 2000mm high to perimeter of site, including gates A : 0.00 B : 1.00		Item		
	Site Clearance				
2	Allow for clearing the site of all shrubs and trees not exceeding 200mm girth, rubbish, debris, vegetation, drains, etc, that may be encountered and roughly level site. A : 0 B : 5600	m2	5 600		
	BULK EARTHWORKS, EXCAVATIONS, FILLING, ETC.				
	Excavations, Filling, Etc.				
3	Excavate in soft material to open face over site to remove topsoil and vegetable matter not exceeding 2000mm deep and set aside on Site for topsoil fill. A : 0 B : 900	m3	900		
4	Excavate in soft material to open face over site to reduce levels to platforms, including forming faces of excavation to shaped banks, and cart off site to approved dump site approved by the local Authority A : 0 B : 900	m3	900		
	WALKWAYS, APRONS AND STORMWATER CHANNELS				
	Excavations, Filling, Etc.				
5	Excavate in soft material to reduce levels under walkways, aprons, etc. not exceeding 2000mm deep and set aside for fill or carting away. A : 0 B : 26	m3	26		
6	Approved G7 filling, selected and supplied by the Contractor, deposited in layers not exceeding 150mm thick, watered and consolidated to 98% modified AASHTO density under walkways, aprons, etc. A : 0 B : 10	m3	10		
	Carried Forward			R	

				R	
	Brought Forward				
7	Approved G5 filling, selected and supplied by the Contractor, deposited in layers not exceeding 100mm thick, watered and consolidated to 98% modified AASHTO density under walkways, aprons, etc. A : 0 B : 10	m3	10		
8	25mm Finished thickness layer of clean sand/crusher run mix to comply with SABS 1200MJ, to receive concrete. A : 0 B : 4	m3	4		
9	Rip, scarify, mix and consolidate top 150mm of subgrade to 95% modified AASHTO density, walkways, aprons, etc. A : 0 B : 65	m2	65		
	Reinforced Concrete				
10	Cement concrete (25MPa) in surface beds cast in panels. A : 0 B : 9	m3	9		
	Concrete Sundries				
11	Float top of concrete with a wood float and finish with a brushed non-skid surface whilst concrete still green with the addition of 2.1 sand and cement as necessary. A : 0 B : 65	m2	65		
	GRASS BLOCK PAVING				
	Excavations, Filling, Etc.				
12	Excavate in soft material to reduce levels under walkways, aprons, etc. not exceeding 2000mm deep and set aside for fill or carting away. A : 880 B : 600	m3	1 480		
13	Approved G7 filling, selected and supplied by the Contractor, deposited in layers not exceeding 150mm thick, watered and consolidated to 98% modified AASHTO density under parking area A : 330 B : 225	m3	555		
14	Approved G5 filling, selected and supplied by the Contractor, deposited in layers not exceeding 100mm thick, watered and consolidated to 98% modified AASHTO density under parking area A : 330 B : 225	m3	555		
	Carried Forward			R	

Section No. 1
Bill No. 19
EXTERNAL WORKS (PROVISIONAL)

				R	
	Brought Forward				
15	25mm Finished thickness layer of clean sand/crusher run mix to comply with SABS 1200MJ, to receive paving. A : 55 B : 38	m3	93		
16	Rip, scarify, mix and consolidate top 150mm of subgrade to 95% modified AASHTO in parking area. A : 2200 B : 1500	m2	3 700		
17	Terracrete Grass Block Paver 350mm x 350mm x 100mm including cuttings A : 2200 B : 1500	m2	3 700		
	Reinforced Concrete				
18	Precast 190mm x 90mm sunken kerb cut into grass block as parking bay demarcations including cutting A : 205 B : 340	m	545		
19	Gabion basket 2m x 1m x 1m in minimum 2.7mm thick galavanized wire including balast packing but excluding stone balast A : 0 B : 60	No	60		
20	Stone balast for gabion packing, stone size no smaller than 100mm Ø and no bigger than 200mmØ A : 0 B : 150	m3	150		
21	Concrete haunching to perimeter of grass block paving A : 15 B : 6	m3	21		
	STORMWATER				
22	Headwalls in plastered brickwork complete excluding pipes as per DETAIL J A : 0 B : 4	No	4		
23	Concrete pipe 450mmØ class 100D including excavations bedding, laying, compaction and backfilling complete. A : 0 B : 95	m	95		
	PRECAST CONCRETE				
	Carried Forward			R	

				R	
	Brought Forward				
	Precast cement concrete (25MPa) kerbs finished smooth from the mould on exposed surfaces and including excavations, backfilling etc				
24	Figure 7 kerb size 125mm x 250mm high with front face splayed, laid in lengths not exceeding 1000mm on well rammed earth bottom or base course, bedded on a 100mm thick x 300mm wide layer of 8:1 cement mortar with 100mm x 100mm triangular haunching behind kerb and jointed in 3:1 cement mortar A : 383 B : 408	m	791		
	CONCRETE APRONS				
25	Float top of concrete with a wood float and finish with a brushed non-skid surface whilst concrete still green with the addition of 2.1 sand and cement as necessary. A : 0 B : 65	m2	65		
	Class F1 Formwork				
26	Not exceeding 300mm high A : 0 B : 50	m	50		
	Reinforcement				
27	High tensile steel mesh reinforcement Ref.193 to concrete surface beds, slabs, etc. A : 0 B : 65	m2	65		
	Precast Concrete Channels				
28	Deranco CH201stormwater channels size 300mm wide x 130mm high overall with U- channel 260mm wide x 55mm deep formed in same, cast with construction joints at 2m centres and finished smooth on all exposed surfaces in 2-1 cement mortar with neatly rounded angles including casting on a 150mm thick subbase (elsewhere measured) and all necessary formwork, excavation, filling in and ramming. A : 0 B : 50	m	50		
29	Extra for angles, intersections, ends, dressing into existing channels and sides of catchpits, etc. A : 0 B : 6	No	6		
	Movement Joints, Etc.				
30	10mm Bitumen impregnated softboard joint filler set between building and paved or concrete surfaces not exceeding 100mm high or wide. A : 0 B : 60	m	60		
	Carried Forward			R	

Section No. 1
Bill No. 19
EXTERNAL WORKS (PROVISIONAL)

	Brought Forward			R	
	Polysulphide Sealing Compound Including Bond Breaker, Primer, Etc.				
31	10mm horizontal joint strip at surfaces of brickwork or concrete. A : 0 B : 60	m	60		
	Carried Forward to Summary of Section No. 1			R	

Section No. 1
Bill No. 19
EXTERNAL WORKS (PROVISIONAL)

Item No			Quantity	Rate	Amount
	BILL No. 20				
	DECKS, WALKWAYS, SEATING, BINS, JUNGLE GYMS ETC.				
	BENCHING				
1	Supply and install complete polytimber King three seater bench as per Timber Solutions or similar approved refer to DETAIL - A A : 20 B : 15	No	35		
	PICNIC TABLES WITH INTERGRATED SEATING.				
2	Supply and install complete polytimber Pinic Table Set 1.7m six seater as per Timber Solutions or similar approved refer to DETAIL - B A : 75 B : 34	No	109		
	JUNGLE GYM AMD CLIMBING FRAMES.				
3	Supply and install complete a polytimber outdoor jungle gym as per GREENWOODPLASTICWOOD.CO.ZA or similar approved as per DETAIL - C A : 0 B : 1	No	1		
	ELEVATED WALKWAYS.				
4	Supply and install complete polytimber walks ways and ballustrades as per DETAIL - D. A : 0 B : 435	m	435		
	REFUSE BINS.				
5	Supply and install complete polytimber Monkey Proof Bins (0.8m x 0.55m x 0.55m) as per Timber Solutions or similar approved refer to DETAIL -E. A : 25 B : 13	No	38		
	BOLLARDS.				
6	Supply and install complete pre manufactured bollards as per SABOLLARDS (Type Bloc-560A) or similar approved as per DETAIL -F A : 75 B : 65	No	140		
	LIFE-SAVER LOOK OUT POSTS.				
7	Supply and install complete polytimber life-saver lookout posts as per DETAIL - G A : 0 B : 1	No	1		
	Carried Forward			R	

				R	
	Brought Forward				
	VIEWING DECKS.				
8	Supply and install complete polytimber viewing decks as per DETAIL - H A : 1 B : 3	No	4		
	ACCESS BARRIER/BALLUSTRADING				
9	Supply and install complete polytimber access barrier/ballustrading as per DETAIL - I A : 30 B : 90	m	120		
	CLEARVU FENCING.				
10	Supply and install complete 2.4m high Epoxy Coated Cochrane ClearVu Invisible Wall Fencing (horizontal spacing 25mm) with concrete anti dig beams and spiked top rail. Installed strictly to manufacturers detail and specifications. NO ALTERNATIVE WILL BE ACCEPTED A : 0 B : 250	m	250		
11	Supply and install complete 2.4m high Epoxy Coated Cochrane ClearVu Invisible Wall (horizontal spacing 25mm) Double Leaf Hinged Vehicle access gate fitted with boxed lock box and grade one pad lock, three keys and spiked top rail. Lock box accessible from both sides. NO ALTERNATIVE WILL BE ACCEPTED A : 0.0 B : 1.0	Pairs	1.0		
12	Supply and install complete 2.4m high Epoxy Coated Cochrane ClearVu Invisible Wall (horizontal spacing 25mm) Single Leaf Hinged Pedestrian access gate fitted with boxed lock box and grade one pad lock, three keys and spiked top rail. Lock box accessible from both sides. NO ALTERNATIVE WILL BE ACCEPTED A : 0 B : 3	No	3		
	BARBECUE STANDS 2 STATIONS.				
13	Excavate in earth for surface trenches not exceeding 2000mm deep including depositing spoil on site. A : 12 B : 10	m3	22		
14	Approved imported G7 filling, selected and supplied by the contractor, deposited in layers not exceeding 150mm thick, watered and consolidated to 93% modified AASHTO density as backfilling to trenches, bases, etc. A : 7 B : 6	m3	13		
15	Concrete (15MPa/19mm Stone) In footings A : 7 B : 6	m3	13		
	Carried Forward			R	

Section No. 1
Bill No. 20
OUTDOOR FURNITURE BRAAIS, DECKS ETC

	Brought Forward			R	
16	One brick wall. A : 80 B : 66	m2	146		
17	Brick reinforcement 160mm wide. A : 35 B : 30	m	65		
18	Extra over for facebrick work A : 77 B : 66	m2	143		
19	Reinforced Cement Concrete (25MPa/19mm Stone) in slab A : 7 B : 6	m3	13		
20	Rough formwork to edges not exceeding 300mm high A : 85 B : 70	m	155		
21	Float top of concrete with a wood float and finish with a brushed non-skid surface whilst concrete still green with the addition of 2.1 sand and cement as necessary. A : 28 B : 24	m2	52		
	Reinforcement.				
22	High tensile steel mesh Ref. 193 to concrete surface beds, slabs, etc. A : 36 B : 24	m2	60		
	BARBECUE STANDS 4 STATIONS				
23	Excavate in earth for surface trenches not exceeding 2000mm deep including depositing spoil on site. A : 20 B : 0	m3	20		
24	Approved imported G7 filling, selected and supplied by the contractor, deposited in layers not exceeding 150mm thick, watered and consolidated to 93% modified AASHTO density as backfilling to trenches, bases, etc. A : 8 B : 0	m3	8		
25	Concrete (15MPa/19mm Stone) In footings A : 8 B : 0	m3	8		
26	One brick wall. A : 80 B : 0	m2	80		
27	Brick reinforcement 160mm wide. A : 80 B : 0	m	80		
28	Extra over for facebrick work A : 91 B : 0	m2	91		
	Carried Forward			R	

				R	
	Brought Forward				
29	Reinforced Cement Concrete (25MPa/19mm Stone) in slab A : 8 B : 0	m3	8		
30	Float top of concrete with a wood float and finish with a brushed non-skid surface whilst concrete still green with the addition of 2.1 sand and cement as necessary. A : 30 B : 0	m2	30		
31	Rough formwork to edges not exceeding 300mm high A : 65 B : 0	m	65		
	Reinforcement.				
32	High tensile steel mesh Ref. 193 to concrete surface beds, slabs, etc. A : 27 B : 0	m2	27		
33	Rough formwork to edges not exceeding 300mm high A : 70 B : 0	m	70		
	BOAT LAUNCH				
	Excavations, Filling, Etc.				
34	Excavate in soft material to reduce levels under walkways, aprons, etc. not exceeding 2000mm deep and set aside for fill or carting away. A : 256 B : 0	m3	256		
35	Approved G7 filling, selected and supplied by the Contractor, deposited in layers not exceeding 150mm thick, watered and consolidated to 98% modified AASHTO density under parking area A : 96 B : 0	m3	96		
36	Approved G5 filling, selected and supplied by the Contractor, deposited in layers not exceeding 100mm thick, watered and consolidated to 98% modified AASHTO density under parking area A : 96 B : 0	m3	96		
37	25mm Finished thickness layer of clean sand/crusher run mix to comply with SABS 1200MJ, to receive paving. A : 16 B : 0	m3	16		
38	Rip, scarify, mix and consolidate top 150mm of subgrade to 95% modified AASHTO in parking area. A : 640 B : 0	m2	640		
	Carried Forward			R	

	Brought Forward				R
39	Terracrete Grass Block Paver 350mm x 350mm x 100mm including cuttings A : 640 B : 0	m2	640		
	Reinforced Concrete				
40	Precast 190mm x 90mm sunken kerb cut into grass block as parking bay demarcations including cutting A : 0.0 B : 0.0	m			
41	Gabion basket 2m x 1m x 400mm in minimum 2.7mm thick galavanized wire including balast packing but excluding stone balast A : 20 B : 0	No	20		
42	Stone balast for gabion packing, stone size no smaller than 100mm Ø and no bigger than 200mmØ A : 16 B : 0	m3	16		
43	Concrete haunching to perimeter of grass block paving A : 15 B : 6	m3	21		
	Carried Forward to Summary of Section No. 1				R

Section No. 1
Bill No. 20
OUTDOOR FURNITURE BRAAIS, DECKS ETC

Item No		Quantity	Rate	Amount
	BILL No. 21			
	ELECTRICIFIED STREET LIGHTING			
1	Street lighting R2 035 000.00 (Two Million and Thirty Five Thousand)	Item		
	Carried Forward to Summary of Section No. 1		R	

Section No. 1
Bill No. 21
STREET LIGHTING

Item No		Quantity	Rate	Amount
	BILL No. 22			
	PROVISIONAL SUMS & BUILDER'S WORK			
	The following Provisional Sums are net and do not include any discount for the Main Contractor.			
1	Provide the sum of R500,000,00 (Five Hundred Thousand Rand) for Electrical Installation supplied and fixed complete. A : 0.00 B : 1.00	Item		
2	Allow for profit and general attendance on above installation.		%	
3	Provide for the sum of R150,000.00 (One Hundred And Fifty Thousand Rand) for the supply and installation by an authorized installation Specialist for 2 (two) 6kl heavy duty JOJO (or similar approved) conservancy tanks including all ancillaries to drain the tank by means of a mobile vacuum waste collection vehicle (honeysucker). Quotations to be approved by the engineer PRIOR to placing order A : 0.00 B : 1.00	Item		
4	Allow for profit and general attendance on above installation.		%	
5	Provide the sum of R315 000.00 (Three Hundred and Fifteen Thousand) for the appointment of an Electrical Engineer to design and monitor the installation of the street lighting A : 0.00 B : 1.00	Item		
	Carried Forward to Summary of Section No. 1		R	

Section No. 1
Bill No. 22
PROVISIONAL SUMS & BUILDER'S WORK

SECTION SUMMARY - Bills of Quantities

Bill No		Page No	Amount
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2	HEALTH, SAFETY AND ENVIRONMENT	25	
3	DEMOLITIONS	26	
4	FOUNDATIONS (PROVISIONAL)	30	
5	CONCRETE, FORMWORK AND REINFORCEMENT	31	
6	MASONRY	33	
7	WATERPROOFING	35	
8	PRE-FABRICATED ROOF TRUSSES	37	
9	ROOF COVERINGS	39	
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12	IRONMONGERY	44	
13	ALUMINIUM WINDOWS	46	
14	PLASTERING	47	
15	TILING	49	
16	PLUMBING AND DRAINAGE (PROVISIONAL)	55	
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20	OUTDOOR FURNITURE BRAAIS, DECKS ETC	67	
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	Carried to Final Summary		R

Section No. 1

FINAL SUMMARY

Section No		Page No		Amount
1	Bills of Quantities	70		
	Sub Total (Excl VAT and Contingency)		R	
	CONTINGENCY @ 10%			
	Allow the sum of 10% of the tender amount for contingencies	%		
	Sub Total (Excl VAT)		R	
	VALUE ADDED TAX (15%)		R	
	Sub Total (Incl VAT & Contingency)		R	
	Carried to Form of Tender		R	

Guarantee for Construction

For use with the **JBCC® Principal Building Agreement** edition /date

GUARANTOR DETAILS

Guarantor:			
Physical address:			
Guarantor's signatory 1:		Capacity	
Guarantor's signatory 2:		Capacity	
Employer:			
Contractor:			
Principal Agent:			
Works:			
Site:			
Name of Signatory:			
Contract Sum:	Accepted amount inclusive of tax	Currency	
… amount in words:			
Guaranteed Sum:	The maximum aggregate amount	Currency	
… amount in words:			
Guarantee for Construction	*(insert variable or fixed)*	Expiry date	

AGREEMENT DETAILS

Sections	Total number / not applicable	Last section	
Principal Agent issues	'JBCC® format Interim Payment Certificates, the Final Payment Certificate, the Certificate of Practical Completion and the Certificate of Final Completion		

1.0 GUARANTEE for CONSTRUCTION (Variable)

1,1 Where a Guarantee for Construction (Variable) in terms of the Agreement has been selected this clause 1.0 and 3.0 to 13.0 shall apply. The Guarantor's liability shall be limited to the diminishing amounts of the Guaranteed Sum as follows:-

GUARANTOR'S LIABILITY	PERIOD OF LIABILITY
1.1.1 Maximum Guaranteed Sum (not exceeding 10.0% of the contract sum) in the amount of:	From and including the date of issue of this Guarantee for Construction and up to and including the date of issue of the interim payment certificate certifying in excess of 50% of the contract sum
Amount in words:	
1.1.2 Reducing to the Guaranteed Sum (not exceeding 6.0 % of the contract sum) in the amount of:	From and including the day after the date of the aforesaid interim payment certificate and up to and including the date of issue of the only Certificate of Practical Completion or last Certificate of Practical Completion where there are sections
Amount in words:	
1.1.3 Reducing to the Guaranteed Sum (not exceeding 4.0% of the contract sum) in the amount of:	From and including the day after the date of the applicable Certificate of Practical Completion and up to and including the date of issue of

the only Certificate of Final Completion or the last Certifcate of Final Completion where there are sections

Amount in words:

1.1.4 Reducing to the Guaranteed Sum (not exceeding 2.0% of the contract sum) in the amount of:

From and including the day after the date of the applicable Certificate of Final Completion and up to and including the date of issue of the Final Payment Certificate where payment is due to the Contractor, whereafter this Guarantee for Construction shall expire. Where the Final Payment Certificate reflects payment due to the Employer this Guarantee for Construction shall expire upon payment of the full amount certified

Amount in words:

1,2 The Guarantor's liability limits set out in 1.1.1 to 1.1.4 shall apply in respect of any claim received by the Guarantor during the Security

2.0 GUARANTEE for CONSTRUCTION (Fixed)

2,1 Where a Guarantee for Construction (Fixed) in terms of the Agreement has been selected this clause 2.0 and 3.0 to 13.0 shall apply. The Guarantor's liability shall be limited to the amount of the Guaranteed Sum as follows:-

GUARANTOR'S LIABILITY

Maximum Guaranteed Sum (not exceeding 5,0% of the contract sum) in the amount of:

PERIOD OF LIABILITY

From and including the date of issue of this Guarantee for Construction and up to and including the date of the only Certificate of Practical Completion or the last Certificate of Practical Completion where there are sections, whereafter this Guarantee for Construction shall expire

Amount in words:

3.0 The Guarantor acknowledges that:-

3,1 Any reference in this Guarantee for Construction to the Agreement is made for the purpose of convenience and shall not be construed as any intention to create an accessory obligation or any intention to create a suretyship

3,2 Its obligation under this Guarantee for Construction is restricted to the payment of money

3,3 Reference to a Recovery Statement or an Interim or Final Payment Certificate, or a Certificate(s) of Practical or Final Completion shall mean such certificate issued by the Principal Agent

4.0 Subject to the Guarantor's maximum liability referred to in clauses 1.0 or 2.0 , the Guarantor hereby undertakes to pay the Employer the sum certified upon receipt of the documents identified in 4.1 to 4.3:-

4,1 A copy of a first written demand notice issued by the Employer to the Contractor stating that payment of a sum certified by the Principal Agent in an Interim or Final Payment Certificate has not been made in terms of the Agreement and failing such payment within seven (7) calendar days, the Employer intends to call upon the Guarantor to make payment in terms of 4.2

4,2 A written demand notice issued by the Employer to the Guarantor at the Guarantor's physical address with a copy to the Contractor stating that a period of seven (7) calendar days has elapsed since the issue of the first written demand notice in terms of 4.1 and that the sum certified has not been paid to date. The Employer herewith calls up this Guarantee for Construction and demands payment of the sum certified from the Guarantor

4,3 A copy of the applicable payment certificate which entitles the Employer to receive payment in terms of the Agreement of the sum certified in 4.0

5.0 Subject to the Guarantor's maximum liability referred to in 1.0 or 2.0 , the Guarantor undertakes to pay the Employer the Guaranteed Sum or the full outstanding balance upon receipt of a first written demand notice from the Employer to the Guarantor at the Guarantor's physical address calling up this Guarantee for Construction stating that:-

5,1 The Agreement has been terminated due to the Contractor's default and that the Guarantee for Construction is called up in terms of 5.0. The demand notice shall enclose a copy of the notice of termination; or

5,2 A provisional sequestration or liquidation court order has been granted against the Contractor and that the Guarantee for Construction is called up in terms of 5.0. The demand notice shall enclose a copy of the court order

6.0 The aggregate amount of payment to be made by the Guarantor in terms of 4.0 and 5.0 shall not exceed the Guarantor's maximum liability in terms of 1.0 or 2.0

7.0 Where the Guarantor is a registered insurer and has made payment in terms of 5.0, the Employer shall within one hundred and eighty (180) calendar days of receipt of payment submit an expense account to the Guarantor showing how all monies received in terms of the Guarantee for Construction have been expended, or will be expended, and shall refund to the Guarantor any surplus amount. All monies refunded to the Guarantor in terms of this Guarantee for Construction shall bear interest at the prime overdraft rate of the Employer's bank compounded monthly and calculated from the date of payment by the Guarantor to the Employer until the date of refund

8.0 Payment by the Guarantor in terms of 4.0 or 5.0 shall be made within seven (7) calendar days upon receipt of the first written demand notice to the Guarantor

9.0 The Employer shall have the absolute right to arrange his affairs with the Contractor in any manner which the Employer deems fit and the Guarantor shall not have the right to claim his release from this Guarantee for Construction on account of any conduct alleged to be prejudicial to the Guarantor

10.0 The Guarantor chooses the physical address-stated above for all transactions in relation to this security

11.0 This Guarantee for Construction is neither negotiable nor transferable and shall expire in terms of either 1.1.4 or 2.1, or on payment in full of the Guaranteed Sum or on the Guarantee expiry date, whichever is the earlier, where after no claims will be considered by the Guarantor. The original Guarantee for Construction form shall be returned to the Guarantor after it has expired

12.0 This Guarantee for Construction, with the required demand notices in terms of 4.0 or 5.0, shall be regarded as a liquid document for the purpose of obtaining a court order

13.0 Where this Guarantee for Construction is issued in the Republic of South Africa the Guarantor hereby consents to the jurisdiction of a court in the area where the project is located

Signed at		Date	
Guarantor's Signatory 1	----------	Guarantor's Signatory 2	----------
Witness	----------	Witness	----------

Guarantor's seal or stamp

forestry, fisheries & the environment

Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

OCCUPATIONAL HEALTH AND SAFETY SPECIFICATION

in terms of the Construction Regulations of the occupational Health and Safety Act (ACT 85) 0F1993

To prepare health and safety specifications for the construction work, and provide any Contractor who is making a bid or appointed to perform construction work for the client with the same

PROJECT NAME : EC – WFTC IP WORKING FOR THE COAST

CLEINT : DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT

CONTRACTOR : _____

forestry, fisheries & the environment Department: Forestry, Fisheries and the Environment **REPUBLIC OF SOUTH AFRICA**	**ANNEXURE D** **(OHS SPECIFICATION)**

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RESPONSIBLITIES OF THE PARTIES IN RELATION TO COMPLIANCE WITH THE PROVISION OF THE OCCUPATIONAL HEALTH AND SAFETY ACT 1993 (ACT NO 85 OF 1993) ("OHS ACT") AND ALL RELEVANT REGULATIONS AS WELL AS THE OHS SPECIFICATIONS STIPULATED IN THIS ANNEXURE D.

1. DEFINITIONS

1.1 For the purposes of this Annexure D the following definitions will apply:

1.1.1 **"Agreement"** means the main Agreement entered into by the Parties for the Project for which this Annexure D is appended to;

1.1.2 **"Competent Person"** means a person who –

1.1.2.1 has in respect of the work or task to be performed the required knowledge, training and experience and, where applicable, qualifications, specific to that work or task: Provided that where appropriate qualifications and training are registered in terms of the provisions of the National Qualification Framework Act, 2008 (Act No.67 of 2008), those qualifications and that training must be regarded as the required qualifications and training; and

1.1.2.2 is familiar with the OHS Act and with the applicable Regulations;

1.1.3 **"Contractor/Sub Contractor"** has the same meaning as defined in the Agreement;

1.1.4 **''Construction Work''** means any work in connection with the-

1.1.2.1 construction, erection, maintenance, alteration, renovation, repair, demolition or dismantling of or addition to a building or any similar structure;

1.1.2.2 construction, installation, erection, dismantling or maintenance of a fixed plant where such work includes the risk of a person falling;

1.1.2.3 construction, maintenance, demolition or dismantling of any bridge, dam, canal, road, railway, runway, sewer or water reticulation system or any similar civil engineering structure; or

1.1.2.4 moving of earth, clearing of land, the making of an excavation, piling, or any similar civil engineering or type of work;

1.1.5 **"COVID - 19"** means the Novel Coronavirus (COVID - 19) which is an infectious disease caused by a virus, which emerged during 2019 and was declared a global pandemic by the World Health Organization during the year 2020 that has previously not been scientifically identified in humans;

1.1.6 **"COVID – 19 Response Team"** means a team of COVID – 19 Compliance Representatives consisting of Service Provider(s)/Contractor(s), site supervisor(s), and Employees/ Participants representative(s);

1.1.7 **"COVID – 19 Compliance Representatives"** means a person responsible to perform duties as stipulated in the COVID – 19 Compliance Representatives appointment letter;

1.1.8 **"Department"** means the Department of Forestry, Fisheries and the Environment;

1.1.9 **"Employees/Participants"** means all Employees, servants, Mandatary / Principle Contractor/ Contractors, agents, invitees and the like of the Service Provider/ Contractor;

1.1.10 **"ENATIS"** means Electronic National Administration Traffic Information Systems;

1.1.11 **"Fall Arrest Equipment"** means equipment used to arrest a person in a fall, including personal equipment, a body harness, lanyards, deceleration devices, lifelines or similar equipment;

1.1.12 **"Fall Prevention Equipment"** means equipment used to prevent persons from falling from a fall risk position, including personal equipment, a body harness, lanyards, lifelines or physical equipment such as guardrails, screens, barricades, anchorages or similar equipment;

1.1.13 **"Fall Protection Plan"** means a documented plan, which includes and provides for –

1.1.13.1 all risks relating to working from a fall risk position, considering the nature of work undertaken;

1.1.13.2 the procedures and methods to be applied in order to eliminate the risk of falling; and

1.1.13.3 a rescue plan and procedures;

1.1.14 **"Health and Safety Representative/ H & S Representative"** means a person designated in terms of section 17 (1) of the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993);

1.1.15 **"Occupational Health and Safety Committee**" means a committee established under section 19, of the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993);

1.1.16 **"OHS Act"** means the Occupational Health and Safety Act, 1993 (Act No.85 of 1993);

1.1.17 **"Occupational Health and Safety File"** means a file, or other record in permanent form, containing the information required as contemplated in the Construction Regulations 2014 Government Gazette Notice No 40883 of 2 June 2017) ("the Construction Regulations"). A Occupational Health and Safety file is to be a document that consists of various other documents (as per attached Annexure F) that resembles the entire health and safety history of the contract, from start to finish;

1.1.18 **"Occupational Health and Safety Plan/ OHS Plan"** means a Site, activity or project specific documented plan in accordance with the Department's Occupational Health and Safety specifications**;**

1.1.19 **"Occupational Health and Safety Specification/ OHS Specification"** means this Annexure D which is a documented specification of all health and safety requirements pertaining to the associated Works on a Site, so as to ensure the health and safety of persons;

1.1.20 **"Risk Assessment"** means a program to determine any risk associated with any hazard at a Site/ Premises, in order to identify the steps needed to be taken to remove, reduce or control such hazard;

1.1.21 **"Responsible Person"** means the Employee, or contractor appointed by the Service Provider/ Contractor and who performs the duties on behalf of the Service Provider/ Contractor;

1.1.22 **"Medical Surveillance"** means a planned programme or periodic examination (which may include clinical examinations, biological monitoring or medical tests) of employees by an occupational health practitioner or, in prescribed cases, by an occupational medicine practitioner;

1.1.23 **"Occupational Health Practitioner"** means an occupational medicine practitioner or a person who holds a qualification in occupational health recognized as such by the South African Medical and Dental Council as referred to in the Medical, Dental and Supplementary Health Service Professions Act, 1974 (Act No. 56 of 1974), or the South African Nursing Council as referred to in the Nursing Act, 2005 (Act No. 33 of 2005);

1.1.24 **"Personal Protective Equipment (PPE)"** means equipment or clothing that must be provided to protect and minimise the risk of injury to the health and safety of all persons entering the workplace for example helmets, goggles, gloves, work boots, life jackets, etc.

1.1.25 **"Premises"** means all such Premises as identified by the Department, where the Service Provider/ Contractor and its Employees/ Participants perform Work or render a service for and on behalf of the Department;

1.1.26 **"Site/s"** means any location where the Service Provider/ Contractor and its Employees / Participants perform Work or render a service for and have equipment or infrastructure installed, on behalf of the Department;

1.1.27 **"SHEQ Procedures and Standards"** means the Procedures and Standards contained in Branch: Environmental Programme's Occupational Health and Safety (OHS) Master File as well as other Standard Operating Procedures (SOP), Quality and Technical Standards applicable to the work, which the Service Provider is obliged to follow when performing work on behalf of the Department.

1.1.28 **"Service Provider/ Contractor**" means the Service Provider/ Contractor as defined in the Agreement; and

1.1.29 **"Works / Scope of Work"** mean the Project as described in the Agreement.

2. RESPONSIBILITIES OF THE DEPARTMENT

2.1. The Department shall discuss and negotiate with the Service Provider/Contractor the contents of the Occupational Health and Safety (OHS) Plan.

2.1.1. The Department will take reasonable steps to ensure that the OHS Plan of the Service Provider/ Contractor is implemented and maintained. The steps taken will include periodic audits at intervals agreed between the Department and the Service Provider/ Contractor.

2.2. The Department will prevent the Service Provider/Contractor and/its sub-contractor from commencing or continuing with Construction Work/Works should the Service Provider/ Contractor or its sub-contractor at any stage in the execution of the Works be found to have:

2.2.1. failed to comply with any of the administrative measures required by the OHS Act and its Regulations in preparation for the Construction Works or any physical preparations necessary in terms of the OHS Act;

2.2.2. failed to implement or maintain their OHS Plan;

2.2.3. executed Construction Work/Works which is not in accordance with their OHS Plan; or

2.2.4. acted in any way which may pose a threat to the health and safety of any person(s) present on the Premises or Site or in its vicinity, irrespective of him/them being employed or legitimately on the Premises or Site or in its vicinity.

3. GENERAL RESPONSIBILITY OF THE SERVICE PROVIDER/ CONTRACTOR

The Service Provider/ Contractor shall:

3.1 notify the Department of Labour of the intended construction Work in terms of the requirements outlined in Regulation 3 of the Construction Regulations, which contains the "Notification of Construction Work" form attached to these Regulations as **Annexure A**. The Service Provider/ Contractor shall submit the notification in writing prior to commencement of Work and inform the Department accordingly. A copy of this notification shall be provided to the Department before construction commences;

3.2 ensure that he/she is fully conversant with the requirements of this Occupational Health and Safety (OHS) Specification ("the Specification") and all relevant health and safety legislation. This Specification is not intended to supersede the OHS Act nor the Regulations or any part of either. Those sections of the OHS Act and the Regulations or any other Regulation which apply to the Scope of Work to be performed by the Service Provider/ Contractor in terms of the Agreement will continue to be legally required of the Service Provider/ Contractor to comply with. The Service Provider/ Contractor will in no manner or means be absolved from the responsibility to comply with all applicable provisions of the OHS Act, or any Regulations under the OHS Act or any legislation which may perceivable be applicable to this Agreement;

3.3 provide proof of registration and "Good Standing" with the Compensation Fund or with a licensed compensation insurer prior to commencement with the Works;

3.4 consistently, for the duration of the Agreement demonstrate through the development, submission to the Department for approval (prior to commencement of construction Work/Works) and implementation of an OHS Plan, in terms of clause 5 below, its competence and the adequacy of its resources to perform the duties imposed on it in terms of this Specification, the OHS Act and the Regulations;

3.5 ensure that an Occupational Health and Safety (OHS) File, in terms of clause 5 below, is opened and kept on Site and made available to the Department or Inspector from the Department of Labour upon request;

3.6 ensure that all conditions imposed on its sub-contractors in terms of the OHS Act and the applicable Regulations are complied with as if they were the Service Provider/ Contractor; and

3.7 from time to time evaluate the relevance of the OHS Plan and revise this Plan as required, following which revised OHS Plan shall be submitted to the Department for approval.

4. RESPONSIBILITY OF THE SERVICE PROVIDER/ CONTRACTOR IN RELATION TO WARRANTY OF COMPLIANCE

4.1 The Service Provider/Contractor warrants that it has familiarized itself with the working environment and that it agrees to the arrangements of this Annexure D and the OHS Plan and Master OHS File Specifications.

4.2 The Service Provider/Contractor acknowledges that this OHS Specifications constitutes an agreement in terms of section 37(2) of the OHS Act, whereby all responsibility for health and safety matters relating to the Work that are to be performed on the Premises and/or Site shall be the obligation of the Service Provider/ Contractor.

4.3 The Service Provider/Contractor undertakes to maintain all necessary compliance with the OHS Act and its Regulations. Without derogating from the generality of the above, nor from the provisions of the Agreement, the Service Provider/Contractor shall ensure that the clauses as hereunder described are at all times adhered to by itself and its Employees/Participants/ sub-contractors.

4.4 The Service Provider/Contractor hereby undertakes to ensure that the health and safety of any other person on the Premises and/or Site is not endangered by the conduct and/or activities of its Employees/Participants/ sub-contractors whilst they are on the Premises and/or Site.

4.5 Notwithstanding the above, the Service Provider/Contractor confirms that it is familiar with and will comply with the Department's Safety, Health, Environmental and Quality (SHEQ) Procedures and Standards.

4.6 The Work undertaken in terms of the Agreement by the Service Provider/Contractor will be carried out in conformity with all the relevant OHS Specifications, contained in this Annexure D and in strict compliance with:

4.6.1 all and/or any current OHS related legislation and any Regulations which may be promulgated under any such Act;

4.6.2 all and/or any existing or new OHS Municipal or Local or Statutory Authority laws, By-laws, regulations and or Notices and Proclamations;

4.6.3 all and/or any current OHS requirements of, or directives received from, any Governmental departments or bodies or Statutory Authorities charged with the administration and/or enforcement of any Acts of Parliament, Municipal or Local

or Statutory Authority's Law, Bye Laws regulations and/or Notices and Proclamations;

4.6.4 the Occupational Health and Safety Act, 1993 (Act No: 85 of 1993) and its Regulations;

4.6.5 the Compensation for Occupational Injuries and Diseases Act, 1993 (Act No: 130 of 1993); and

4.6.6 any other relevant legislation (such as the COVID 19 related regulations) and additional Departmental SHEQ Procedures and Standards requirements not contained within the Agreement.

5. OCCUPATIONAL HEALTH AND SAFETY PLAN AND FILE

5.1 The Service Provider/Contractor must, in terms of the Construction Regulation 5(1) and the Department's SHEQ Procedures and Standards provide and demonstrate to the Department a suitable, sufficiently documented and coherent Site specific OHS Plan, attached as Annexure E to the Agreement, based on the Department's documented OHS Specifications contemplated in Construction Regulation 4(1) (a), which plan must be applied from the date of commencement of and for the duration of the construction Work/Work and which must be reviewed and updated by the principal contractor as Work progresses.

5.2 The Service Provider/Contractor must, in terms of Regulation 5(7) of the Construction Regulations keep an OHS File on Site at all times that must include all documentation required in terms of this Annexure D, the OHS Act, the Regulations and must also include a list of all contractors/ sub-contractors on Site that are accountable to it and the agreements between the Service Provider/Contractor and its sub-contractors and details of work being done. The OHS File for the Site must be prepared/ compiled from the date of commencement of and for the duration of execution of the Works. A more detailed list of documents and other legal requirements that must be kept in the OHS File is attached as Annexure F to the Agreement.

5.3 The OHS Plan must be submitted by the Service Provider/Contractor to the Department's Project Manager for approval prior to the commencement of Construction Work/Works.

5.4 The OHS File will remain the property of the Department throughout the Agreement period and shall be consolidated and handed over to the Department by the Service Provider/ Contractor at the completion of the Construction Work/ Works as is required in terms of Regulation 5 (8) of the Construction Regulations.

6. OVERALL SUPERVISION AND RESPONSIBILITY FOR OHS

6.1 The Department must ensure that the Service Provider/Contractor, appointed in terms of Regulation 4(1) (c) of the Construction Regulations, implements and maintains the agreed and approved OHS Plan. Failure on the part of the Department to comply with this requirement will not absolve the Service Provider/Contractor from any one or more of its duties under the OHS Act and the Regulations.

6.2 The Chief Executive Officer of the Service Provider/ Contractor shall, as required in terms of section 16 (1) of the OHS Act, ensure that their Employer (as defined in the Act) (or the Service Provider/Contractor) complies with the OHS Act and that the duties of the Service Provider/ Contractor are properly discharged.

7. APPOINTMENT OF RESPONSIBLE PERSON BY SERVICE PROVIDER/ CONTRACTOR

7.1 The Service Provider/Contractor shall ensure that all appointments of Responsible Persons are done in accordance with the Departments' SHEQ Procedures (Roles and Responsibilities), the OHS Act and the Regulations.

7.2 All appointed Responsible Persons must be competent to perform the work they are appointed for.

7.3 The Responsible Person shall at all times have his written appointment as well as a copy of these Specifications close at hand whilst on the Site/Premises and shall be fully familiar with the requirements thereof.

7.4 The Service Provider/Contractor will allow the Department to examine the appointment letter of the Responsible Person during Site inspections.

7.5 Prior to the commencement of any Work on the identified Site, the Responsible Person, shall conduct Site inspections in order to define hazardous areas, safety precautions, standards and procedures and equipment and emergency procedures. This must be documented in an OHS Plan.

7.6 The Service Provider/ Contractor will allow the Department to assess the OHS Plan and to test the knowledge of the Service Provider/ Contractor including that of the Responsible Persons, regarding these Specifications during Site inspections. Where required, the Department may request retraining or refresher training before the Works can commence.

8. APPOINTMENT OF HEALTH AND SAFETY AND COVID – 19 COMPLIANCE REPRESENTATIVE/S

8.1 The Service Provider/Contractor shall ensure that 1 (one) Health and Safety (H&S) Representative is nominated, trained and appointed in writing, per contract team, in terms of section 17 of the OHS Act. An additional H&S Representative shall be trained as a substitute.

8.2 The H&S Representative/s have to be designated in writing and the designation shall be in accordance with Department's SHEQ Procedures and Standards (H&S Representatives), and in terms of Regulation 6 of the General Administration Regulations 2003, issued under Government Gazette Notice No R929 of 25 June 2003.

8.3 The H&S Representative/s shall be entitled to perform duties as stipulated in section 18 of the OHS Act as well as the Department's SHEQ Procedures and Standards (H&S Representatives).

8.4 The designated H&S Representative/s shall conduct daily/weekly inspection of their respective areas of responsibility using a checklist and report thereon to the Service Provider/ Contractor, after which these reports shall be consolidated for submission to the relevant OHS Committee.

8.5 H&S Representative/s must be included in and be part of accident/incident investigations.

8.6 H&S Representative/s shall be members of at least 1 (one) OHS Committee and must attend all meetings of that OHS committee.

8.7 The Service Provider/ Contractor, with the assistance of the Department's Project Manager and Senior OHS officers, must facilitate the establishment of a COVID – 19 Compliance Officers for COVID – 19 responses.

8.8 The Service Provider/Contractor, with the assistance of the Department's Project Manager and Senior OHS officers, must facilitate the establishment of a COVID – 19 Compliance Team for COVID – 19 responses.

8.9 The team with COVID - 19 Compliance Representatives should consist of different stakeholders including the Service Provider(s)/ Contractor(s), site supervisor(s), and Employees/ Participants, OHS representative(s) with at least 1 (one) female representative and/or a representative with a disability, if possible.

8.10 Each COVID - 19 Compliance Officer and Representatives shall share and undertake the responsibilities outlined in their appointment letter as well as the Department's SHEQ Procedures and Standards (COVID – 19).

8.11 The selected COVID – 19 Compliance Officers and Representative/s shall be members of at least 1 (one) OHS Committee and must attend all meetings of that OHS committee.

9. APPOINTMENT OF FIRST AIDER/S

9.1 The Service Provider/Contractor shall ensure that 1 (one) First Aider is nominated, trained and appointed in writing, per contract team. At least one additional First Aider shall be trained as a substitute, per contract team. First Aiders must be in possession of a valid First Aid certificate of competency and be readily available to render the necessary assistance on Site in case of an injury. A copy of this certificate must be provided to the Department at the commencement of the Agreement.

9.2 The First Aider shall be entitled to perform duties as stipulated in Department's SHEQ Procedures and Standards (First Aid).

9.3 A notice bearing, the address and telephone numbers of all emergency services including the South African Police Service, Emergency Medical Services, Fire Department and the nearest Hospital must be displayed on the Premises and it must be in English and one other language predominantly spoken by the Employees/ Participants.

9.4 The Service Provider/Contractor shall ensure that:

9.4.1 An adequately equipped First Aid Kit shall be easily accessible at all Site/Premises;

9.4.2 The First Aid Kit shall be kept fully stocked according to the stock list;

9.4.3 All first aid treatment and usage of stock shall be recorded in the dressing book kept on Site and;

9.4.4 The First Aid Kit shall be under the control of a trained and competent First Aider.

10. FURTHER (SPECIFIC) SUPERVISION RESPONSIBILITIES FOR OHS

Several appointments or designations of Responsible Person and competent person in specific areas of Construction Work/ Works are required by the OHS Act and the Regulations. It will be the responsibility of the Service Provider/ Contractor to ensure that all appointments comply with the OHS Act and its Regulations.

11. SITE RULES AND OTHER RESTRICTIONS

11.1 Site OHS Rules

11.1.1 The Service Provider/Contractor must develop a set of Site-specific OHS rules that will be applied to regulate the OHS Plan and associated aspects of the Construction Work and COVID – 19 OHS requirements.

11.1.2 Access by third parties to Sites/Premises, as well as physical social distance between Employees/ Participants should be strictly monitored by the COVID - 19 Compliance Representatives, in order to avoid the risks of contagion.

11.2 Substance Abuse

11.2.1 The use of any narcotic substances is prohibited on Site.

11.2.2 The Service Provider/Contractors shall ensure that Employees/Participants do not perform their duties under the influence of any narcotic or alcoholic substances.

11.2.3 Employees/Participants who are under the influence during work hours shall be dealt with in terms of the appropriate disciplinary procedures.

11.2.4 Alcohol testing, where applicable, may only be done using single use test units and must be disposed of in the appropriate contaminated waste bag provided on Site.

11.3 Security Arrangements

11.3.1 The Service Provider/Contractor must establish Site access rules and implement and maintain these throughout the operational period. Access control must include the rule that non-employees shall at all times be provided with fulltime supervision while on Site.

11.3.2 The Service Provider/Contractor must develop a set of Security rules and procedures for the Site and maintain these throughout the operational period.

12. SECURITY AND ACCESS

12.1 The Service Provider/Contractor and its Employees/ Participants and sub-contractors shall only access and exit the Premises and/or Sites of Private Land Owners through the main gate(s) (where applicable) designated by the Department.

12.2 The Service Provider/Contractor shall ensure that the Employees/Participants observe the security rules of the Department at all time and shall not permit any person who is not directly associated with the Works to enter the Premises and/or Site.

12.3 The Service Provider and the Employees/Participants shall not enter into any area of the Premises and/or Site, which is not directly associated with the Works.

12.4 When required for a site by law, visitors and non-employees upon entering the site shall be recorded on an attendance register, be screened for COVID -19 symptoms through the completion of an "self-assessment questionnaire", hands and personal belongings sanitized and be issued with the required Personal Protective Equipment (PPE) as and when necessary.

12.5 The Service Provider/Contractor shall ensure that all materials, machinery or equipment brought by it onto the Premises and/or Site are registered at the main gate(s) (where applicable). A failure to do this may result in a refusal by the Landowner to allow the materials, machinery or equipment to be removed from the Premises and/or Site.

12.6 The Service Provider/Contractor shall submit to the Department, for approval, all the names of each proposed Employee/Participant prior to such Employee/Participant entering the Premises and/or Site.

12.7 The Department may refuse access to a Premises and/or Site by any one of the Service Provider/Contractor's Employees/Participants who has proven by his/her action to have a disregard for any of the relevant OHS requirements. Such refusal of access to the Premises by the Department shall not result in any claims on the Department by the Service Provider/Contractor.

12.8 The actions on the Service Provider/Contractor's Employees/ Participants referred to in paragraph 12.7 above includes but are not limited to:

12.8.1 Possession of illegal drugs, liquor or other intoxicating substances on the Premises;
12.8.2 Intoxication, and/or consumption of an intoxicating substance;
12.8.3 Unauthorised possession of Department's property;
12.8.4 Fighting/assault;
12.8.5 Possession of dangerous weapon; and/ or
12.8.6 Violation of health and safety rules.

12.9 Where an Employee/Participant show symptoms of possible COVID – 19 infection when reporting for duty or whist performing duties, the protocols set out in the Department's SHEQ Procedures and Standards (COVID – 19) must be followed.

12.10 Any person required to take medication shall notify the relevant Responsible Person thereof, as well as the potential side effects of the medication.

13. DEMARCATION OF WORK AREAS

13.1 Work areas that pose a potential danger to people must be visibly or structurally cordoned off with neat barriers, fencing or purpose - made hazard tape or rope. The method used must be suitable and in direct proportion for the purpose, e.g. physical barriers or fences must be used to prevent people from falling into holes.

13.2 Clearly visible Safety Signs shall be installed by the Service Provider/ Contractor to alert third parties entering the Work area of any dangers / hazards that exists in such a Work area. These signs shall comply with the South African National Safety Standards and shall be appropriate for the type of Work performed in the Work area.

14. APPOINTMENTS AND TRAINING

14.1 The Service Provider/Contractor shall appoint competent persons as envisaged in section 16(2) of the OHS Act. These appointees must be trained on all OHS matters, and the OHS Act provisions that apply to the Work that is to be performed under their responsibility. Copies of any appointments made by the Service Provider/ Contractor in terms of section 16(2) of the OHS Act shall be made available to the Department upon its request.

14.2 The Service Provider/Contractor shall ensure that he has familiarized himself with the hazards associated with the Work being carried out on the Premises and/or Sites. The Service Provider/ Contractor shall further ensure that the Employees/Participants are trained on the health and safety aspects relating to the Work and that they understand the hazards associated with such Work being carried out on the Premises and/or Sites. Without derogating from the afore-going, the Service Provider/Contractor shall, in particular, ensure that all its users or operators of any materials, machinery or equipment are properly trained in the use of such materials, machinery or equipment.

14.3 The Service Provider/Contractor shall avail its Employees/Participants to training programmes offered by the Department for occupational competency and personal development purposes as and when required by the Department.

14.4 Notwithstanding the provisions of the above, the Service Provider/Contractor shall ensure that he, his appointed Responsible Persons and Employees/Participants are at all times familiar with the provisions of the OHS Act, this Specifications as well as the Department's SHEQ Procedures (Training, Competency and Awareness) and that they comply with the provisions thereof.

14.5 The contents and syllabi of all training required by the OHS Act and the Regulations including any other related or relevant training as required by the Department's SHEQ Procedures (Training, Competency and Awareness) must be included in the Service Provider/ Contractor's OHS Plan and OHS File.

14.6 All Employees/Participants of the Service Provider/ Contractor must be in possession of proof of General Induction training and Site Specific OHS Induction or other qualifying training.

14.7 All operators, drivers and users of vehicles, mobile plants and other equipment must be in possession of valid proof of training to operate such vehicles, mobile plants and other equipment.

14.8 All Employees/Participants in jobs requiring training in terms of the OHS Act and the Regulations and the Department's SHEQ Procedures (Training, Competency and Awareness) must be in possession of valid proof of training.

15. SUPERVISION, DISCIPLINE AND REPORTING

15.1 The Service Provider/Contractor shall ensure that, where applicable, all Work performed on the Premises and/or Sites is done under strict supervision, and that no unsafe or unhealthy Work practices are permitted. Discipline regarding non-compliance with health and safety matters shall be strictly enforced by the Service Provider/Contractor against any of its Employees/Participants.

15.2 The Service Provider/Contractor shall further ensure that the Employees/Participants report all unsafe or unhealthy Work situations immediately after they become aware of it, and that the Service Provider/ Contractor shall in turn report these in writing, to the Department in terms of the Department's SHEQ Procedures and Standards (Incident investigation and Non Compliance)

16. ACCESS TO THE OHS ACT

The Service Provider/Contractor shall have an updated copy of the OHS Act available in the OHS File which is accessible to its appointed Responsible Persons and Employees/Participants. The Parties may make arrangements for the Service Provider/Contractor and its Responsible Persons to have access to the Department's copies of the OHS Act.

17. CO-OPERATION

The Service Provider/Contractor and/or its Responsible Persons and Employees/Participants shall provide full co-operation and information if and when the Department or its representative enquire into OHS issues concerning the Service Provider/ Contractor. The Department and its representative shall at all times be entitled to make such enquiry.

18. HAZARD IDENTIFICATION AND RISK ASSESSMENT AND SAFE WORK OPERATION STANDARDS AND PROCEDURES

18.1 The Service Provider/Contractor shall ensure that a Hazard identification and Risk assessment (HIRA) is carried out on the Site where Work is to be performed. HIRA, Safe work operating standards and procedures must be developed in accordance with the Departments' SHEQ Procedures (HIRA) and be in place to address these risk.

18.2 The Service Provider/Contractor must, as a minimum requirement, have regard to and apply any applicable operational standards and procedures, guidelines and other documentation used by the Department as a basis for prescribing the HIRA and Safe work operating standards, procedures and practices for the Employees/Participants. The Service Provider/ Contractor, shall at all times, be responsible for ensuring compliance with the OHS Act, including ensuring that it has adequate HIRA and safe work operating standards and procedures in place. The Service Provider/ Contractor shall ensure that the Employees/Participants are made conversant and comply with the requirements of the HIRA and Safe work operating standards, procedures and practices.

19. OCCUPATIONAL HEALTH AND SAFETY MEETINGS

19.1 The Service Provider/Contractor shall establish its own OHS committee/s as contemplated in terms of section 19 of the OHS Act. The OHS Committees shall conduct its duties in accordance with the requirements under the OHS Act and the Department's SHEQ Procedures and Standards (OHS Committee).

19.2 The Service Provider/Contractor's OHS Committees shall consist of the designated H&S Representatives and COVID – 19 Compliance Representatives together with a number of Department's Representatives appointed in terms of section 19(3) of the OHS Act. Provided that the Department's Representatives shall not exceed the number of the Service Provider/ Contractor's H&S Representatives on the committee. The persons nominated on an OHS Committee must be designated in writing for such period as may be determined by the Service Provider/ Contractor.

19.3 The OHS Committee may co-opt advisory (temporary) members and determine the procedures of the meetings including the chairmanship;

19.4 The Service Provider/Contractor shall have a representative on the Regional OHS Committee of the Department.

19.5 The OHS Committee must meet minimum monthly and consider, at least, the following Agenda for the meeting.

***Agenda*:**

1. Opening and determining of chairmanship (only when necessary)
2. Minutes of Previous Minutes
3. Observations
4. Program and Safety considerations
5. Hygiene
6. Housekeeping improvement
7. Incidents & Accidents / Injuries
8. Registers:
    - 8.1 H&S Representatives. Inspections
    - 8.2 Matters of First Aid
    - 8.3 Registers for Cleaning and Disinfecting
    - 8.4 Scaffolding
    - 8.5 Ladders
    - 8.6 Excavations
    - 8.7 Portable Electric Equipment
    - 8.8 Fire Equipment
    - 8.9 Explosive Power Tools
    - 8.10 Power Hand tools
    - 8.11 Incident Report Investigation
    - 8.12 Pressure Vessels
    - 8.13 Personal Protective Equipment
9. Safety performance Evaluations
10. Education & Safety promotion program
11. First Aid Officials and training in First Aid
12. Demarcation of work- /hazardous-/safe areas/walkways
13. Posters and signage
14. Environmental preservation and conservation
15. Specific training programmes
16. Operational Standards and Procedures with specific reference to COVID – 19 compliance implementation and monitoring
17. General
18. Date of Next Meeting
19. Closing

20. COMMUNICATION AND LIAISON

20.1 OHS liaison between the Department and the Service Provider/ Contractor, and other concerned parties shall be through the Department's OHS Committee as per the procedures determined by the OHS Committee.

20.2 In addition to the requirements under paragraph 20.1 above, communication regarding OHS matters between the Parties may be made, verbally (followed by written confirmation through an email) or in writing, as and when the need arises.

20.3 Consultation with the Employees/Participants on OHS matters will be through Supervisors, COVID – 19 Representatives and H&S Representatives.

20.4 The Service Provider/Contractor will be responsible for the dissemination of all relevant OHS information in accordance with the Department's SHEQ Procedure (Participation and Consultation) to the other contractors e.g., design changes agreed with the Department on its behalf and the Designer, instructions by the Department exchange of information between Contractors, the reporting of hazardous/dangerous conditions/situations etc.

21. COMPENSATION AND REGISTRATION AS OUTLINED IN THE EXPANDED PUBLIC WORKS PROGRAMME (EPWP) MINISTERIAL DETERMINATION

21.1 It is the responsibility of the Service Provider/Contractor to arrange for all participants to be covered in terms of the Compensation for Occupational Injuries and Diseases Act,1993 (Act No 130 of 1993) (COID Act).

21.2 The Service Provider/Contractor must report any work-related injury or occupational disease to the Department in terms of the Department's Investigation Procedure.

21.3 The Service Provider/Contractor must report accidents or diseases to the Compensation Fund. Submission of all forms shall be made in compliance with the COID Act.

22. MEDICAL EXAMINATIONS AND OCCUPATIONAL HEALTH AND HYGIENE

22.1 The Service Provider/Contractor shall ensure that all the Employees/Participants undergo a Medical Surveillance Program as prescribed in the OHS Act and its Regulations and the Departmental SHEQ Procedures and Standards (Medical Surveillance), where their working environment necessitates this and also to ensure that Employees/Participants are medically fit for the purposes of the work they are to perform.

22.2 Prior to employment, all Participants shall undergo a medical examination performed by a registered Occupational Health Practitioner. Whenever possible, team members that resign need to undergo an exit medical examination and the results must be kept on record by the Service Provider/Contractor.

22.3 The Service Provider/Contractor shall be responsible for the medical welfare of its own and sub-Mandatary/sub - Contractor personnel and shall provide health certificates of Employees/Participants to the Department when so requested.

22.4 The Service Provider/Contractor shall adhere to all applicable Regulations or the Department's guidelines for medical surveillance, COVID – 19 testing and medical screening and operational hygiene monitoring.

22.5 If separate accommodation for Mandatary/Principle Contractor/Contractor personnel is provided (e.g. tents for camping), the Mandatary/Principle Contractor/Contractor shall comply with the relevant OHS Operational Standards for: COVID – 19 OHS requirements, sanitation, sewage, hygiene, water supply, sleeping quarters, food establishments, and laundry and garbage disposal.

23. INCIDENT REPORTING AND INVESTIGATION

23.1 Incidents as described in terms of section 24 of the OHS Act shall be reported by the Service Provider/Contractor to the Department of Labour and to the Department. The Department shall further be provided with copies of any written documentation as per the Department's SHEQ Procedure (Incident Investigation and Non-Compliance) relating to any incident.

23.2 Notwithstanding the requirements of section 24 of the OHS Act, all incidents shall be investigated and reported on in writing, as per the Department's SHEQ Procedure (Incident Investigation and Non-Compliance).

23.3 The Department retains an interest in the notification of any incident as described in paragraphs 23.1 and 23.2 above, as well as in any formal investigation and/or inquiry conducted in terms of section 32 of the OHS Act into such incident.

23.4 Any incident, condition or act that could or could have caused injury, health impacts, damage or loss or affect the environment must be reported to the Department's Regional OHS Officers or to such a person in the Department as may be designated in writing to the Service Provider/Contractor.

23.5 The Service Provider/Contractor is responsible to oversee the investigation of all accidents/incidents where Employees/Participants and non-employees were injured to the extent that they had to receive first aid or be referred for medical treatment by a doctor,

hospital or clinic. (see Regulation 9 of the General Administrative Regulations, 2003, published under Government Gazette Notice R929 of 25 June 2003).

23.6 The Service Provider/ Contractor is responsible for the investigation of all road traffic accidents relating to the operations and keeping a record of the results of such investigations including the steps taken to prevent similar accidents in future.

23.7 The Service Provider/ Contractor is required to maintain an acceptable disabling incident frequency rate (DIFR) of less than 0.5 and report on this to the Department on its behalf on a monthly basis.

24. FIRE PRECAUTIONS AND FACILITIES

24.1 The Service Provider/Contractor shall ensure that an adequate supply of fire protection and first aid facilities is provided as indicated in the Department's SHEQ Procedures (Emergency Preparedness and Response) for the Work to be performed on the Premises and/or Site. The Parties may mutually make arrangements for the provision of such facilities, subject to such arrangements being recorded in writing by the Parties thereto.

24.2 The Service Provider/Contractor shall further ensure that the Employees/Participants are familiar with fire precautions at the Premises and/or Site, which include the contingency plan and emergency exits and that such precautions are adhered to.

25. HYGIENE AND CLEANLINESS

25.1 The Service Provider/Contractor shall ensure that the area where the Work is performed is at all times maintained to reasonably practicable levels of hygiene and that they maintain the surrounding area of the Site to a reasonably practicable level of cleanliness. In this regard, no loose materials shall be left lying unnecessarily, and the Site shall be cleared of waste materials regularly and on completion of any Work performed by the Service Provider/Contractor and its Employees/Participants.

25.2 Disinfectant, sanitization and personal hygiene protocols as stipulated in the Department's SHEQ Procedures and Standards (COVID – 19) shall be implemented, monitored and adhered too at all times on the Site/Premises.

26. ENVIRONMENT

26.1 The Service Provider/Contractor shall ensure that the Work and the manner in which the Work is executed:

26.1.1 complies with all relevant environmental legislation; and

26.1.2 complies with all environmental SHEQ Procedures and Standards (Pollution, Air, Ground & Water) or Requirements adopted by the Department from time to time.

26.2 The Service Provider/Contractor shall provide the Department with such reports as the Department require from time to time in order to comply with the provisions of the environmental legislation, or any competent authority in matters relating to the environmental legislation.

26.3 In order to comply with relevant environmental legislation, the Service Provider/ Contractor shall ensure that the following precautionary measures, but not limited to, are adhered hereto:

26.3.1 General environmental rules:

26.3.1.1 The Service Provider/Contractor must obtain clearance for bringing chemicals/herbicides onto the Premises and/or Site. For clearance, material safety data sheets must be available on Site for these chemicals/herbicides. It is essential that the Service Provider/Contractor Employees/Participants understand the hazards and safe handling precautions to be taken prior to the chemical/herbicides being used;

26.3.1.2 Ad-hoc dumping on any part of the Site is strictly prohibited and it is the responsibility of the Service Provider/Contractor to ensure that dumping on any part of the Site does not occur;

26.3.1.3 Machinery to be used at the Site must be fitted with muffling devices to reduce the likelihood of noise pollution.

26.3.2. General

26.3.2.1 The Service Provider/Contractor undertakes to rectify any environmental degradation on the Site caused by any Work or activity, to the satisfaction of the Department and in line with the relevant environmental legislation.

26.3.2.2 The Service Provider/Contractor will immediately report any incident that causes or has the likelihood of causing any environmental degradation or pollution to the Department;

26.3.2.3 The Service Provider/Contractor indemnifies the Department for any claims that may arise from any pollution or degradation that has taken place or that

is likely to take place and that was caused by any Work, act, or omission occasioned by the Service Provider/ Contractor appointed.

27. PERSONAL PROTECTIVE EQUIPMENT

27.1 The Service Provider/Contractor shall ensure that its Responsible Persons and the Employees/Participants are provided with, and at all relevant times wear, adequate personal protective equipment (PPE) for the work they perform at the Site, and in accordance with the requirements of Regulation 2 of the General Safety Regulations, 1986, published under Government Gazette Notice R1031 of 30 May 1986 in terms of the OHS Act as well as Department's SHEQ Procedures and Standards (PPE requirements).

27.2 The Service Provider/Contractor shall provide adequate and appropriate safety equipment of an approved type and quantity, as may be specified (or expected in accordance with good working practice) and shall maintain this safety equipment in a professional manner as dictated by the OHS Act and the Department's SHEQ Procedures and Standards (PPE and COVID 19 requirements). In addition, the Service Provider/ Contractor shall keep up-to-date records of all said equipment. Furthermore:

27.2.1 The Service Provider/Contractor shall ensure that all contract personnel under its supervision have been trained in the proper use, maintenance and limitations of safety equipment;

27.2.2 The Service Provider/Contractor must ensure that there is free access, at all times, by all persons on the Site to all fire extinguishing/beaters and safety equipment;

27.2.3 The Responsible Person must not require or permit a contract employee to work unless the required safety equipment is used and in good order.

27.3 The Service Provider/Contractor shall supply its Contractor and sub – Contractor's and Employees/Participants with adequate PPE as required in connection with the safe performance of the Work. The PPE shall be maintained in good condition, and shall be worn on all relevant occasions as indicated by notices, instructions, work permits, safety regulations and good practice (Department's SHEQ Procedures and Standards (PPE requirements):

27.3.1 The PPE shall meet the minimum prescribed standards of quality as prescribed and/or approved by the South African Bureau of Standards (SANS);

27.3.2 The PPE shall be replaced when it becomes ineffective through wear and tear;

27.3.3 The required PPE on a Site will depend on the hazards and risk identified in a Workplace Risk Assessment. Consideration must be given to the source of energy and the part of the body involved;

27.3.4 The PPE requirements must be included in the Service Provider/Contractor Health & Safety Plan;

27.3.5 The Service Provider/Contractor must keep records of all issues of PPE;

27.3.6 The Service Provider/Contractor must ensure that regular checks are conducted by the Contractor/supervisor on the correct use of PPE;

27.3.7 The Service Provider/Contractor must ensure that safety boots with steel toe or PVC moulded cap must be worn on construction Site/ Premises;

27.3.8 The Service Provider/Contractor must ensure that safety hats are worn in demarcated areas on the Site and in all places on the Sites where there is a possibility of head injuries;

27.3.9 The Service Provider/Contractor must ensure that the correct and approved Hazardous Chemical overalls, gloves, masks and respirators, are worn whenever hazardous chemical substances are handled on Site, or if there is a possibility of cutting the skin when abrasive or sharp materials are being man – handled;

27.3.10 The Service Provider/Contractor must ensure that the correct and approved hearing protection equipment/devices, are worn when working with machinery that generates noise above 85dB (A);

27.3.11 The Service Provider/Contractor must ensure that safety glasses and face shields are worn when the Work on the Site involves concussive or abrasive operation likely to cause flying debris, or when decanting or handling hazardous chemicals on the Site;

27.3.12 The Service Provider/Contractor must ensure that Employees/Participants are familiar with the operation and application of respiratory apparatus like dust masks for dusty areas and self - contained breathing apparatus for toxic environments;

27.3.13 Sand blasting, grinding and disc cutting operations, should preferably be done using equipment and/or procedures that do not produce dust on the Site. In cases where this is not possible, the Service Provider/Contractor must ensure that SANS-approved respiratory equipment is worn and the area must be enclosed to contain dust generation to a minimum;

27.3.14 The Service Provider/Contractor must ensure that fall arrest and fall prevention equipment shall be used to secure workers involved with high altitude work or when working at elevated heights (2 meters) and where falling from such heights is not protected by any other means. Where required, the Service Provider/ Contractor must ensure that a documented fall protection plan must be in place, kept on Site and implemented; and

27.3.15 The Service Provider/Contractor must ensure that the wearing of loose over-clothes, sandals and/or shorts on Site/ Premises is prohibited.

27.3.16 In addition to the existing prescribed PPE requirements for each task, the Employees/ Participants must be issued with the following PPE with respect to COVID – 19 requirements by the Service Provider/Contractor:

I. a face mask [3 (three) material layer washable face masks - an issue of a minimum of 2 (two) masks per Employee/ Participant];
II. a pair of working leather gloves; and
III. a face shield [an issue of a minimum of 2 (two) face shields per Employee/ Participant].

28. TRANSPORT, PLANT, MACHINERY AND EQUIPMENT

In terms of the OHS Act, the Service Provider/Contractor is not permitted to Work with/on equipment that is unsafe or under hazardous conditions, unless Employees/Participants exposed to these hazards, are informed of such hazards and precautionary measures are in place to manage these hazards. Where the latter cannot be complied with, Employees/Participants will not be required or permitted to work in such situations:

28.1 The Service Provider/Contractor shall ensure that all the plant, machinery, equipment and/or vehicles it may wish to utilize on the Premises and/or Site is/are at all times of sound order and fit for the purpose for which it is intended, and that it complies with the relevant legislative requirements as well as the Department's SHEQ Procedures and Standards (Vehicles and trailers, Machine guarding, Rope Access and Fall arrest; Hand tools and equipment, Fire-fighting equipment, Storage of flammables etc.).

28.2 In accordance with the provisions of section 10(4) of the OHS Act, the Service Provider/ Contractor hereby assumes the liability, for taking the necessary steps to ensure that any article or substance that is erected or installed at the Premises and/or Site, and which the Service Provider/Contractor uses at work complies with all the prescribed requirements and will be safe and without risks to health when properly used.

28.3 The Service Provider/Contractor must ensure that all equipment, vehicles, machines, instruments and tools used by the Service Provider/Contractor's Employees/

Participants on a Site/Premises are maintained in a good, safe working order and suitable for the work to be performed and all personnel handling and/or operating same as adequately and appropriately trained to do so.

28.4 The Service Provider/Contractor shall not allow unauthorized, untrained or unlicensed operators to operate equipment or vehicles on the Department's Premises and/or Sites;

28.5 No vehicle, equipment or machine will be permitted onto the Site unless:

28.5.1 such vehicle is in a roadworthy condition, and in the case of equipment and machines, have been recorded in a register, inspected and approved by the Service Provider/Contractor's Responsible Person;

28.5.2 the machines and equipment displays suitable identification, stating a re-inspection date. The Service Provider/Contractor may be required to remove machines or equipment without valid identification from the Site;

28.5.3 the Service Provider/Contractor vehicles, equipment and machinery are subject to a visual road worthy check and/ or a safety inspection by the Department's OHS Environmental Personnel or Project Manager;

28.5.4 all drivers must be recorded on a register, and must hold and be able to produce a valid driver's license as well as Professional Drivers Permit, verified through ENatis; and

28.5.5 the Service Provider/Contractor shall ensure that all road vehicles used on the Premises and/or Site are recorded in a register, are in a roadworthy condition, are licensed, have a Departmental authorization disk and are insured.

28.6 The maximum speed limit on gravel roads on the Site is 40km/h, unless otherwise indicated.

28.7 The warning, safety and road signs on the Site must always be obeyed.

28.8 Overloading of vehicles on the Site is not permitted.

28.9 People, tools and equipment must be transported separately.

28.10 Where benches are provided in vehicles, these must be secured. In the event that any hazardous substances are to be transported on the Premises and/or Site, the Service Provider/ Contractor shall ensure that the requirements of the Hazardous Chemical Agent Regulation 2021(Government Gazette Notice No 44348 of 29 March 2021) ("the Hazardous Chemical Agent Regulations"), the National Road Traffic Act, 1996 (Act No

93 of 1996, as well as the Department's SHEQ Procedures and Standards (Vehicles and trailers & Hazardous Chemical Agent) are complied with at all times.

28.11 Reckless driving or non-observance of these instructions mentioned under paragraphs 28.5 to 28. above may be cause for the withdrawal of the authorisation of the driver to operate the vehicle.

28.12 The occupants of vehicles, including journeys to and from the Sites, must wear seat belts where fitted to any vehicle as a local legislative requirement.

28.13 During excavations on the Site, the Service Provider/Contractor shall take extra care, by consulting Site drawings, extrapolating positions from the positions of above ground equipment, etc., not to damage any underground equipment.

28.14 If any equipment on the Site is damaged during excavations, the necessary precautions shall be taken immediately to make the situation as safe as reasonably possible, and the Department's Project Manager must be contacted immediately for advice on further action to be taken.

29. EMERGENCY PREPAREDNESS AND RESPONSE

29.1 The Service Provider/Contractor will be responsible for the compilation, implementation and updating of the Emergency Evacuation Site Plan for their respective Site/ Premises operations in accordance with the Department's SHEQ Procedures (Emergency Preparedness and Response and COVID -19).

29.2 Each applicable Site/Premises, as identified should have supplement relevant emergency plans detailing:

29.2.1 Major hazards;
29.2.2 Evacuation routes;
29.2.3 Assembly points;
29.2.4 Emergency equipment; and
29.2.5 Key personnel and contact details.

29.3 The emergency plan must be communicated as part of induction training for new Employees/Participants on Site and such plan should be visually displayed on the Site. Each Site shall, where applicable:

29.3.1 make appropriate appointments;
29.3.2 train personnel;
29.3.3 have appropriate and adequate emergency equipment available;
29.3.4 maintain emergency equipment; and

29.3.5 communicate and maintain up-to-date contact information of all role-players, and interested and affected parties.

29.4 If not already tasked to the H&S Representative/Officer appointed, the Service Provider/ Contractor must appoint a competent Emergency Controller who must develop contingency plans for any emergency that may arise on the Premises and/or Site as indicated by the risk assessments. Contingency plans must be developed in consultation with COVID-19 Compliance Representative.

30. ARRANGEMENTS FOR MONITORING AND REVIEW

30.1 Audits and inspections by the Department or its Agent on its behalf.

30.1.1 The Department on its behalf reserves the right to conduct any other OHS compliance *ad hoc* audits and inspections as it, and/or its Agent on its behalf, deem necessary in accordance with the Department's SHEQ Procedures (Non Conformity, Corrective and Preventative Action).

30.1.2 A representative of the Service Provider/Contractor must accompany the Department on all audits and inspections and may conduct their own audit/inspection at the same time. Each Party will, however, take responsibility for the results of his/her own audit/inspection results.

30.1.3 For purposes of monitoring the Service Provider/Contractor's adherence to the OHS requirements by the Department, the Department shall allow persons nominated by the Department to audit the Service Provider/ Contractor in relation to compliance with the:

i. ISO 14001- Environmental Management System;
ii. ISO 9001- Quality Management System;
iii. Occupational Health and Safety Act, 1993 (Act No: 85 of 1993) and its Regulations, and the ISO 45001- Occupational Health and Management System;
iv. Compensation for Occupational Injuries and Diseases Act, 1993 (Act No: 130 of 1993);
v. Department's SHEQ Procedures and Standards; and
vi. Annexure D (OHS Specifications).

30.2 Reports

30.2.1 The Service Provider/Contractor shall report all incidents as stipulated in paragraph 23 of this OHS Specifications.

30.2.2 The Service Provider/Contractor is required to provide the Department with copies of all statutory reports required in terms of the OHS Act and the Regulations together with a monthly "OHS Management Report".

30.3 Review

30.3.1 The Service Provider/Contractor must review the Hazard Identification and Risk Assessments and Safe Work Processes/Procedures at each Operational Planning and Progress Report meeting as:

i. the Works develops and progresses; and
ii. each time changes are made to the designs, plans, work methods and processes.

30.3.2 The Service Provider/Contractor must provide the Department or the Department's Agent acting on its behalf, Contractors and all other concerned parties with copies of any changes, alterations or amendments as contemplated in paragraph 30.3.1(ii) above.

31. CLARIFICATION

In the event that the Service Provider/Contractor requires clarification of any of the terms or provisions of this Specifications, it should contact the appropriate and designated representative of the Department whose clarification in terms hereof must be made in writing.

ENVIRONMENTAL PROTECTION &
INFRASTRUCTURE PROGRAMMES

CORPORATE IDENTITY BRANDING GUIDELINES

ENVIRONMENTAL PROTECTION &
INFRASTRUCTURE PROGRAMMES

Herewith the branding manual of the Environmental Protection & Infrastructure Programmes, designed and laid out in accordance with the Government, EPWP and Department of Environmental Affairs branding manuals.

CORPORATE IDENTITY BRANDING GUIDELINES

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LOGO CONSTRUCTION AND APPLICATION

EPIP LOGO CONSTRUCTION

The Petals

The 3 petals represent the Soil (Brown), Vegetation (Green) and Water (Blue), which represent the mandate of the Department for which the programme stand for.

Hands

The hands symbolise 1. Care for the environment, 2. Provision of opportunities (Skills Development, Job creation & SMME Development) through environmental inteventions (projects)

ENVIRONMENTAL PROTECTION & INFRASTRUCTURE PROGRAMMES

LOGO CONSTRUCTION AND APPLICATION

MONOTONE LOGO

The EPIP logo may be represented in black or white reflected out of any solid colour background.

It should always be positioned top left or center of the document covers or electronic media, the DEA (Department of Environmental Affairs) logo should always be positioned at the bottom left, also on a white background as per GCIS manual.

One solid signature should only be place on a solid background, preferable in white or black. This will apply primarily on signage and corporate gifts. Please avoid placing logos on textures or patterned background.

The reverse version should only be placed on 100% black to 30% black backgrounds, excluding promotional elements where it may also be embossed.

ENVIRONMENTAL PROTECTION & INFRASTRUCTURE PROGRAMMES

Black reversed out of white

ENVIRONMENTAL PROTECTION & INFRASTRUCTURE PROGRAMMES

White reversed out of black

COLOUR SPECIFICATIONS

PRIMARY COLOUR

Green is the primary colour

100c, 14m, 100y, 41k

R0, G101, B50

PANTONE 356C

NOTE:

The EPIP logo may only be used over a white background. It should always be positioned top left or center of the document covers or electronic media, the DEA (Department of Environmental Affairs) logo should always be positioned at the bottom left, also on a white background as per GCIS manual.

TERTIARY COLOURS

These consist of the remaining colours of the EPIP logo

28c, 67m, 100y, 17k

R162, G92, B11

PANTONE 7512C

0c, 0m, 0y,0k

R255, G255, B255

98c, 77m, 6y, 0k

R32, G67, B148

PANTONE 661C

LOGO CONSTRUCTION AND APPLICATION

TYPOGRAPHY

The main logo is in 'Placard Condensed', a clear font found in both Windows and Mac platforms. The font must be used in all document titles, the body text can be Arial or Trebushet font styles.

Typically A4 documents need to use 12pt size, unless necessary a variation of 10% up or down is recommended. A5 can use 10pt, A6 8pt.

Primary descriptor

Century Gothic Bold

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
a b c d e f g h i j k l m n o p q r s t u v w x y z
1 2 3 4 5 6 7 8 9 0 ! ? % & *

Century Gothic Regular

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

a b c d e f g h i j k l m n o p q r s t u v w x y z

1 2 3 4 5 6 7 8 9 0 ! ? % & *

COMPLIMENTARY SLIP

Printing Specifications

Paper size:	210mm x 99mm (DL)
Stock:	Cartridge 100 - 115gms
Stock colour:	White
Screen:	133
Colours:	Full colour

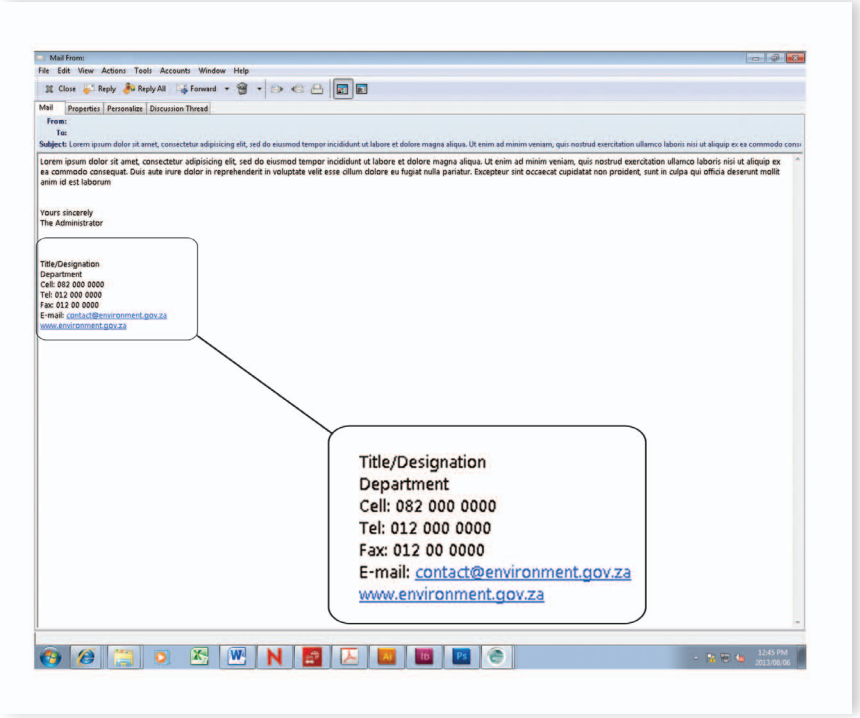
Complimentary Slips are printed on the same paper as the letterhead. Complimentary slips are specifically used for delivery scribes or rough notes by hand to external customers, the slips may be used for internal communications as well. The notes generated in this form must always take note of the Department and EPIP's representativity, it is therefore as important as it is to the letterhead to keep the slips in a secure location.

STATIONERY

EMAIL SIGNATURE

Email Footer To protect the EPIP / DEA, every email sent out must bear a footer which includes an email disclaimer. The disclaimer legally protects the EPIP / DEA against malicious use of words by the email sender by disengaging the views of the sender from those of the organisation.

The protection extends to viral infections caused by an email or attachment from the EPIP / DEA. A network administrator and / or IT support must be consulted to implement the email footer and how to configure a vacation responder. The footer may be programmed to include hyperlinks.



LOGO AND PROJECT IDENTIFICATION

The branding guidelines in this manual are to be strictly adhered to, on all of the garments, publications, branding and promotional items.

All branding material produced by Implementers must be signed off by the DEA Director of Corporate Communication, or a delegated official of Corporate Communication.

Email:communications@environment.gov.za to obtain sign-off.

Sign board

Implementers logo

MEDIA APPLICATIONS

POSTERS

Posters come in different sizes ranging from A4, A3, A2, A1 and A0. The logo placement must be 1/8th of the poster height. Officially accredited EPIP pictures are used. These pictures may be edited.

BANNERS

Pull Up (850 x 1850) Wall Banner (4x3m) The EPIP can use any banner type and style, of which there are multitudes, however, the basic design principle of the artwork shall always apply. To illustrate this principle, if a single banner e.g. a pull up is used, it is ideal to pick a theme, say 'Job Creation' then the entire banner design revolves around 'Job creation'.

To complete the EPIP using pull up or roll up banners, 3 will have to be done in order to complete EPIP's mandate. A wall banner, preferably 4 x 3m, can be used to provide a complete view of the EPIP. The banner may be printed on fabric [internal use only] or canvas [internal & exterior use]. All other types, teardrop, Aframes, etc... are to be designed around the single theme concept.

Pull Up Banner

MEDIA APPLICATIONS

BANNERS

300cm W x 225cm H

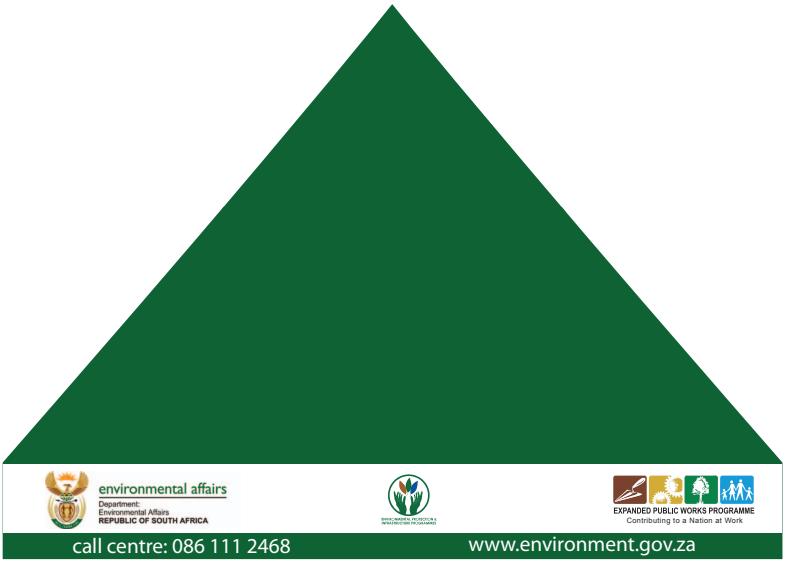
Wall Banner

200cm W x 90cm H

Pop-up Banner

GAZEBO

300 cm X 300cm



MEDIA APPLICATIONS

BROCHURES

Portrait Brochure

Landscape Brochure

NEWSLETTERS

Printed Newsletter

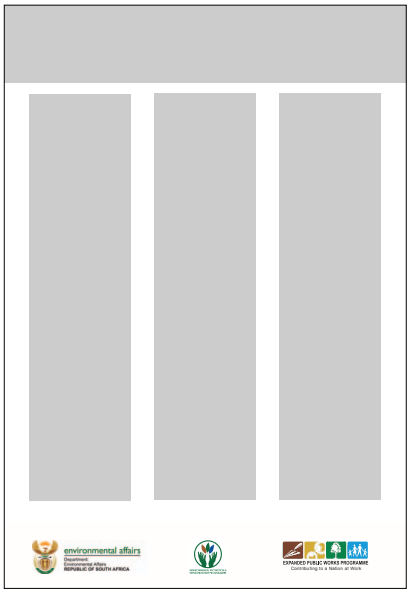


Image area

Text and image area in 3 columns

Image area for end banner

Electronic Newsletter

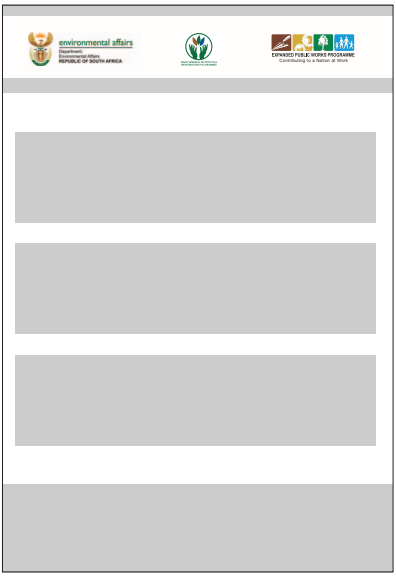


Image area for top banner

Text and image area for articles

Image area for end banner

MEDIA APPLICATIONS

WEBSITE

The EPIP website must be designed on a CMS, Content Management System platform. The CMS is a non-static website that allows the website administrator to alter and update content accordingly. Fundamental features of the website include a dynamic link to social networking sites and video portals, enrolment to the electronic

The site is designed in a simple and basic manner to allow web browsers to easily access information, however, the EPIP may adopt any other design that upholds similar theme and look & feel.

UMBRELLAS

Solid green, blue, black or brown umbrellas must be used, of any design. The colour of the umbrella must resemble as close as possible the pantone equivalence.

A solid white logo must therefore be used on 2 opposite panels. Informative text is not recommended in this instance.

CORPORATE CLOTHING

HEAD GEAR

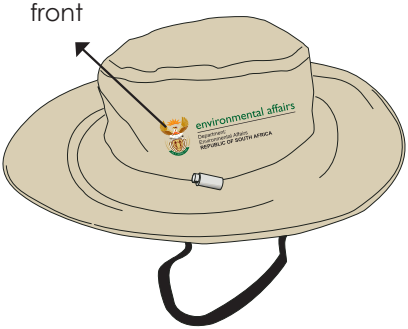
Head gear may be caps, sun hats or berets, the simple branding principle of solid colour by either white or black one colour logo always applies. This form of branding enhances visibility. An orange colour headgear may also be used, the orange is closely extracted from the coat of arms and is to be used in outdoor activity where easy identification or spotting may be necessary e.g. working at a thick forest, using inmates, etc... The EPIP logo is embroidered onto the headgear's fabric.

front

side

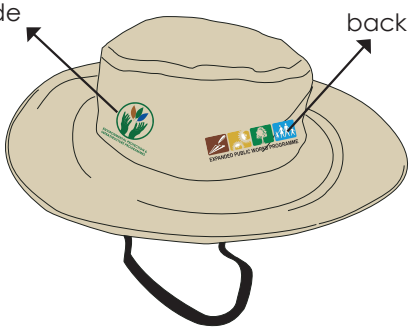
back

front



side

back



CLOTHING BRANDING GUIDELINES

The EPIP T-shirts will range from round necks to golf shirts, depending on use, quantity and recipients. Solid colours of Green may be used with the appropriate logos in full colour The logo must be silk screened onto the front of the shirt. If necessary, a message may also be incorporated at the back of the shirt beneath the EPWP lettering. This use is recommended for round necks only. Corporate golf shirts and formal shirts must have the full colour logo embroidered onto the left breast or pocket. The EPIP jackets will adopt this style of branding as well. Embroiderey logo size will be recommended or determined by the embroidery. Logos which are sewn on as a patch are not recommended due to the wear and tear. Good quality T-shirt material is recommended, eg a minimum of 180g/m. T-shirts may be white, green or yellow.

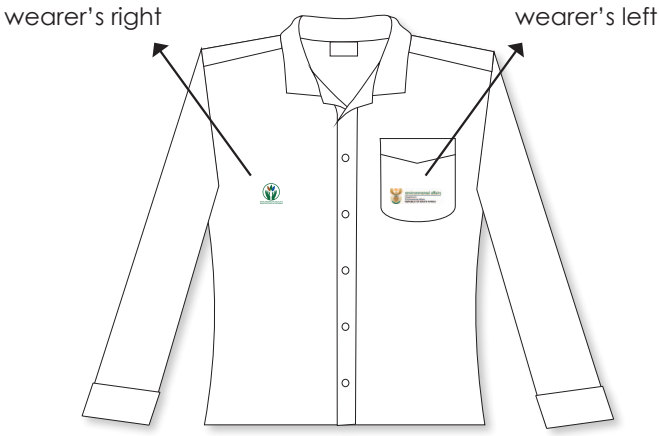
CORPORATE CLOTHING

CLOTHING BRANDING GUIDELINES

Golf shirts

CLOTHING BRANDING GUIDELINES

Jacket

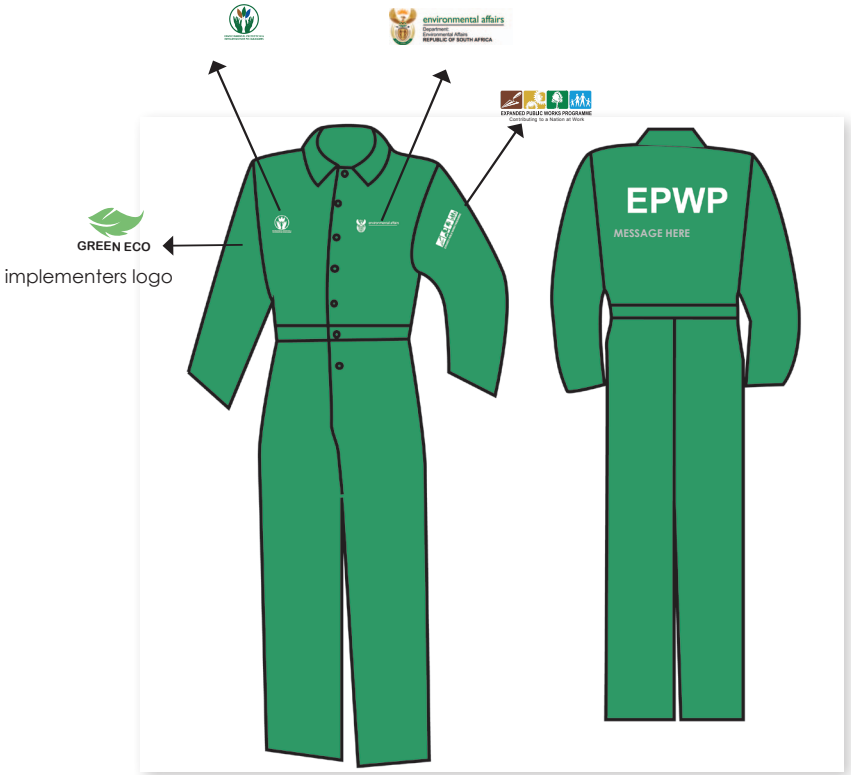


Formal shirt

CORPORATE CLOTHING

PROJECT PROTECTIVE CLOTHING

All projects should comply with the requirements applicable for prote tive clothing. The colour of the protective clothing MUST be GREEN. Hard hats may be green, white or yellow. Logos MUST be used as illustrated below. The logos may be full colour or white, and, in the event the colours are clashing and being absorbed by the solid overall colour, the full colour system may be implemented using badges, i.e. the logo is printed on a solid white back cloth/background and then sewn/paste onto the overall. Same guidelines apply in case of any project-related clothing branding (e.g. shirts, T - shirts, etc...)



PROJECT PROTECTIVE CLOTHING - HARD HATS

SIGNAGE

SIGN BOARDS

All projects sites must be branded accordingly as per the prescribed guidelines illustrated below. The background colour for the sign boards must be GREEN. These are prescribed standards and deviation should be sought from the responsible Provincial Project Manager. **NB. Note that the size of the Logo of the Implementing Agent CANNOT be bigger than that of the Department, EPIP & EPWP.**

Notes

EPIP Help: (012) 310 3426

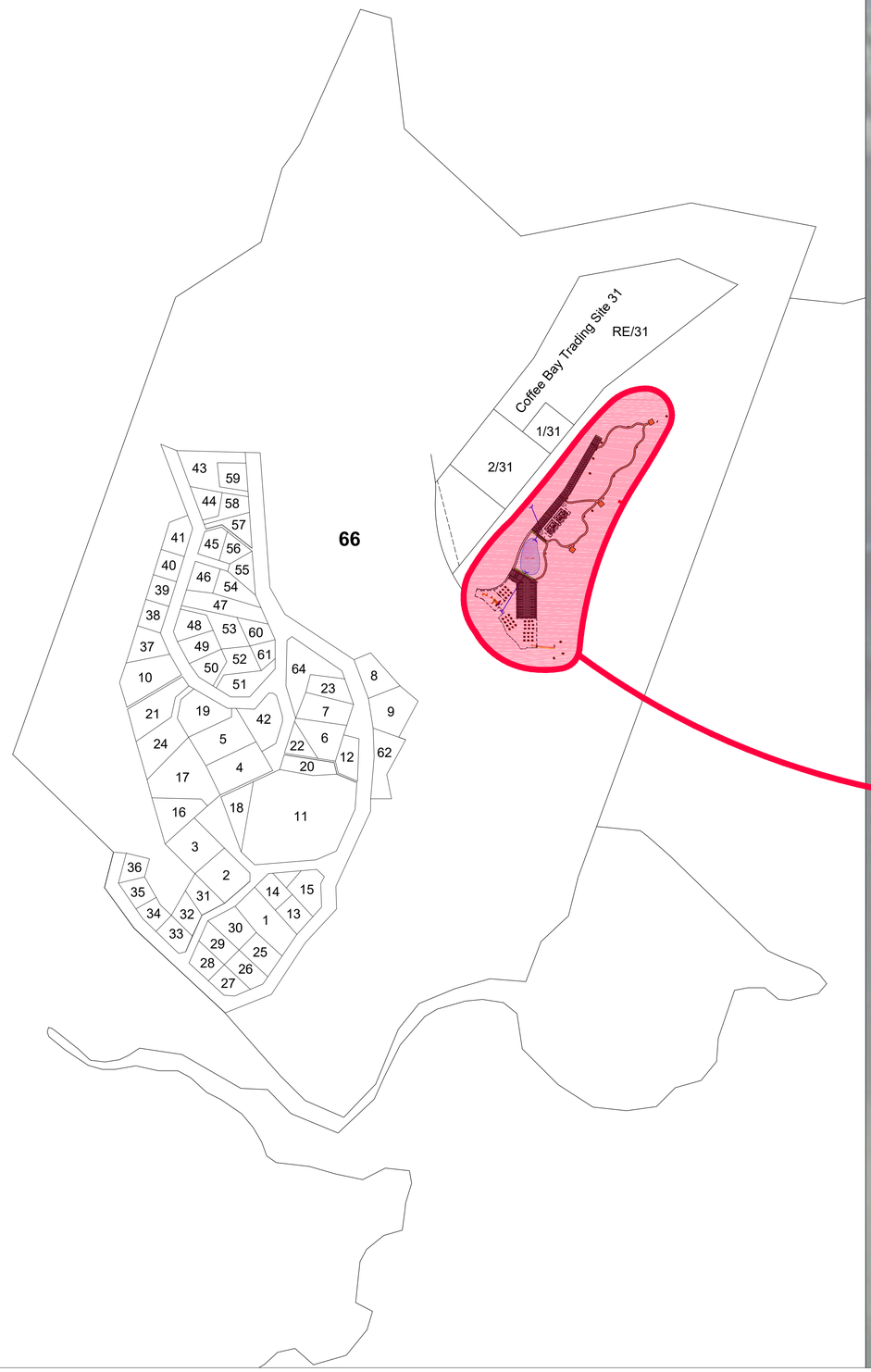
Fax: (012) 320 7548

Call centre: 086 111 2248

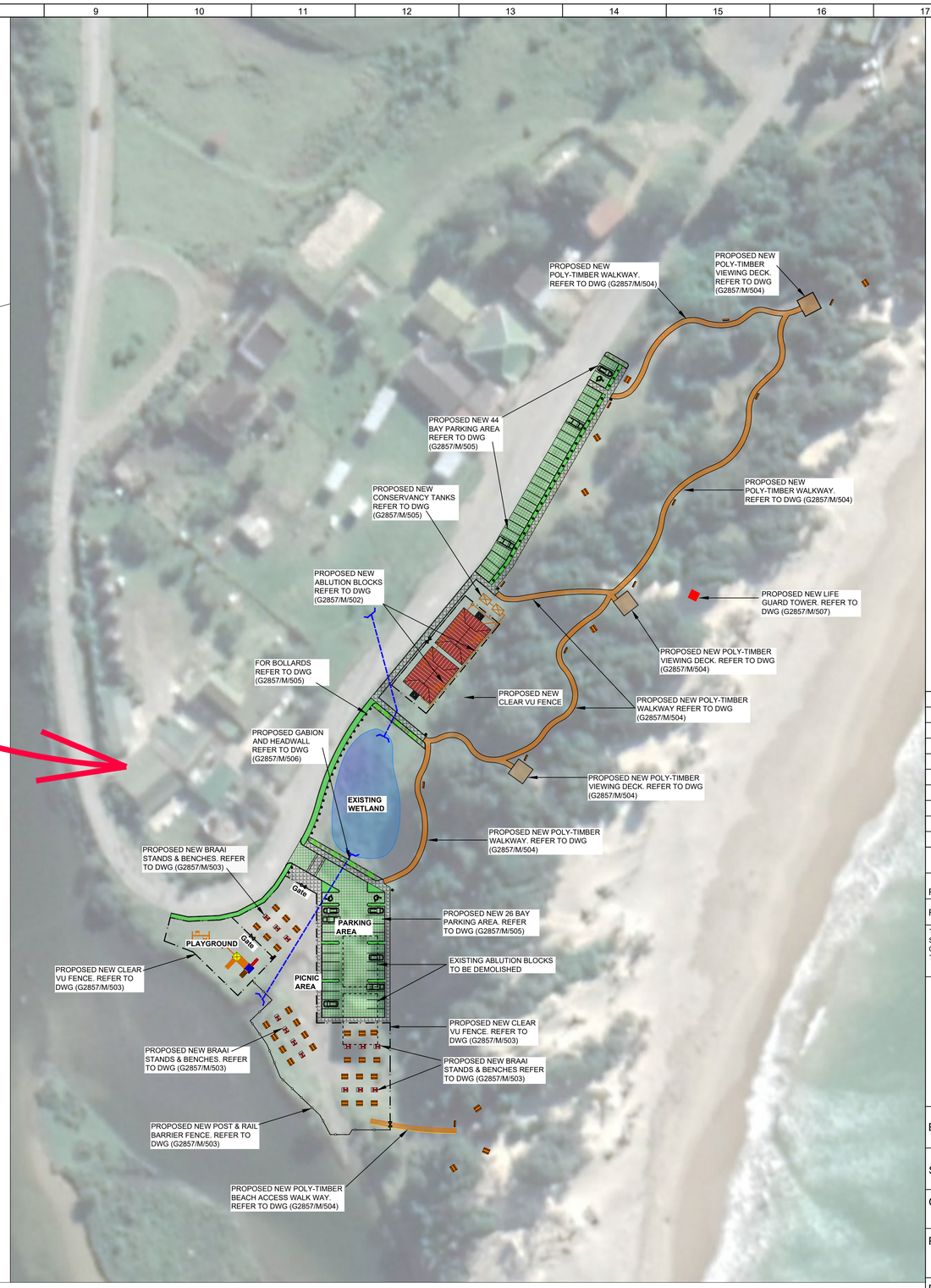
Postal Address

Private Bag X447

Pretoria, 0001



COFFEE BAY SITE PLAN
SCALE 1: 3000



SITE LAYOUT
SCALE 1: 750

LEGEND

	CONSERVANCY TANKS
	GRASS BLOCK PARKING AREA
	GRASS BLOCK PEDESTRIAN WALKWAY
	CLEAR-VU FENCING
	POST AND RAIL FENCE
	GATES
	600mmØ PIPE TO ALLOW WATER FLOW
	FORMALIZED WALKWAYS
	BOLLARDS TO RESTRICT VEHICULAR ACCESS

Rev.	Date	Grid	Description	By	Chkd

Revisions

The copyright of this design and drawing is reserved.
Scaled measurements are not valid.
Check drawing measurements before commencing work.
This drawing is specific to this project and should not be used for any other project on any other site.

P O Box 509, Makhanda / Grahamstown, 6140
Tel: +27 (0)46 622 7223, Fax: +27 (0)86 570 7844
E-mail: gst@mbb.co.za
3 Miles Street, Makhanda / Grahamstown, 6139
Website: www.mbb.co.za

Civil, Agricultural, Structural, Environmental, Project Management

MBB® CONSULTING ENGINEERS (EC)

ECSA Registration No. **2018300251** (Pr Tech Eng)

SACAP Registration No. **PSAT24750998** (Pr S Arch T)

CLIENT	DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT
PROJECT	PROPOSED UPGRADE AND CONSTRUCTION OF COASTAL INFRASTRUCTURE WITHIN THE KING SABATA DALINDYEBO LOCAL MUNICIPALITY, EASTERN CAPE
ERF	66
AREA	COFFEE BAY
DRAWING	SITE PLAN

USE : FOR TENDER PURPOSE ONLY

Drawn	R.Krige	Surveyed	.
Date	FEB 2023	Designed	.
Scale	1:3000 & 1:750 (A1)	Checked	P.Nosib

Drawing Number	PROJECT NUMBER				DISC	DRAWING CODE			REVISION NUMBER		
	G	2	8	5	7	M	5	0	1	R	0	0

GENERAL NOTES ON STRUCTURES

THE FOLLOWING NOTES ARE APPLICABLE TO ALL DRAWINGS AND WORK, EXCEPT WHERE SHOWN DIFFERENTLY ON DRAWINGS OR SPECIFICATIONS.

1. REFER TO DRAWINGS FOR THE SETTING OUT OF BUILDING ON SITE. THE STRUCTURAL DRAWINGS MUST BE READ IN CONJUNCTION WITH THE ARCHITECT'S DRAWINGS
2. KNOWN DISCREPANCIES BETWEEN ENGINEER'S AND ARCHITECT'S DRAWINGS SHALL BE POINTED OUT BY THE CONTRACTOR PRIOR TO EXECUTION OF ANY WORK.
3. ALL SHOWN OR KNOWN SITE SERVICES SHALL BE LOCATED BY THE CONTRACTOR AND RECORDED BEFORE COMMENCEMENT OF OTHER WORK. DISCREPANCIES BETWEEN DRAWINGS AND SUCH ACTUAL LOCATIONS SHALL BE REPORTED TO THE ENGINEER.
4. DIMENSIONS SHALL NOT BE SCALED; ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
5. THE POSITION OF SERVICE SLEEVES AND OPENINGS SHALL BE VERIFIED BY THE CONTRACTOR, BY COMPARING STRUCTURAL, ARCHITECTURAL AND OTHER DISCIPLINES' DRAWINGS, PRIOR TO CONCRETING.
6. CONSULT THE ENGINEER ON ANY AMBIGUITY OR DISCREPANCY ON THE DRAWINGS, BEFORE MATERIALS ARE ORDERED OR BUILDING WORK IS DONE IN A PARTICULAR AREA.

NOTES ON BRICKWORK

1. BUILD IN 2.8mm DIA BRICKFORCE AS FOLLOWS :

1.1 ABOVE WINDOWS AND DOORS - 1 LAYER OF BRICKFORCE IN EACH OF THE FIRST 2 COURSES TO EXTEND 1m EITHER SIDE OF OPENING, THEREAFTER EVERY 2nd COURSE AS A MINIMUM FOR OPENINGS LESS THAN THAN 1.2M IN WIDTH. ENGINEER TO APPROVE ALL OPENING SUPPORT CONFIGURATIONS.
1.2 BRICKWORK EVERY COURSE FOR 2 COURSES BELOW FLOOR SLABS SOFFIT, EAVES BEAMS AND WALL PLATES.
1.3 Cavity, 230mm AND 110mm WALLS, 1 LAYER EVERY 4th COURSE. BRICKFORCE SHALL BE CONTINUOUS THROUGH WALL INTERSECTIONS.
1.4 WALL WIRE TIES @ 5 PER SQ. METER IN CAVITY WALLS NOT EXCEEDING 340mm C/C SPACING VERTICALLY AND 660mm C/C HORIZONTALLY.

2. CAVITY WALLS SHALL HAVE BRICK PIERS INSIDE CAVITY LINKING SKINS @ 3,0 m c/c.
3. STRENGTH OF BRICKS SHALL BE AT LEAST 10MPa AND TO THE REQUIREMENTS OF SANS 0227.
4. MORTAR SHALL BE CLASS II, OR WITH A MIXING RATIO CEMENT TO SAND OF AT LEAST 1 : 5. ADDITION OF BUILDING LIME IS RECOMMENDED. ALL COMMERCIAL READY-MIX BLENDS SHALL BE APPROVED BY ENGINEER IN WRITING. MIN. COMPRESSION STRENGTH: 10 MPa FOR DESIGN MIX AND 8 MPa FOR PRODUCTION OR WORKS TESTS. THREE TEST CUBES SHALL BE TESTED BY SABS METHOD AND RESULTS SUBMITTED TO ENGINEER.
5. MORTAR SAND SHALL SATISFY SANS 1090 REQUIREMENTS.
6. ALL MORTAR JOINTS SHALL BE FULLY FILLED, FLUSHED FINISH.
7. ALL LOADBEARING BRICKWORK TO COMPLY WITH AND BE ERECTED ACCORDING TO THE REQUIREMENTS OF SANS 10164, SANS 10400 AND THE NHBRC HOME BUILDING MANUALS (PART 1 + 2).
8. NO GROOVES MAY BE CHISSELED INTO BRICKWORK FOR THE INSTALLATION OF ELECTRICAL DUCTS OR PIPES. GROOVES MUST BE CUT BY ANGLE GRINDER FOR INSTALLATION OF SERVICES ONLY AT POSITIONS APPROVED BY THE ENGINEER.
9. NON-LOAD BEARING WALL NOT TO BE BUILT UP TO UNDERSIDE OF THE SUSPENDED CONCRETE SLAB. LEAVE A 10mm (MIN) GAP BETWEEN THE 2 SURFACES. 10mm GAP TO BE SEALED OFF WITH EXPANDED FOAM FOR SOUND PROOFING IF REQUIRED BY ARCHITECT.
10. FOUNDATION BRICKWORK TO BE NFX - 14MPa CLAY BRICKS OR 14MPa SOLID CONCRETE BRICKS
11. CONCRETE AND CLAY BRICKS NOT TO BE MIXED IN ANY WALLS OR WITHIN THE COMPLETE BUILDING STRUCTURE.

NOTES ON CONCRETE WORK

1. ALL MATERIALS AND WORKMANSHIP MUST COMPLY WITH SANS 10100, SANS 1200G AND SANS 920, WHERE APPLICABLE
2. THE CONTRACTOR SHALL ENSURE THAT HIS LEVEL MEASUREMENT ON BEAM AND SLABS IS DOCUMENTED PROPERLY PRIOR TO STRIPPING OF SUPPORT WORK. THE ENGINEER MAY REQUEST THESE MEASUREMENTS FOR EVALUATION AT ANY TIME.
3. EXCAVATIONS FOR FOUNDATIONS : ALL FOUNDATION EXCAVATIONS TO BE INSPECTED AND APPROVED IN WRITING BY THE ENGINEER BEFORE CASTING OF ANY BLINDING LAYERS, STRIP FOOTINGS AND BASES. BLINDING LAYER TO BE 50mm MINIMUM IN THICKNESS. ALL FOUNDATION LEVELS TO BE VERIFIED BY THE ENGINEER ON SITE.
4. CONCRETE MIX DESIGNS FOR EACH CLASS OF CONCRETE SHALL BE SUBMITTED TO THE ENGINEER FOR HIS APPROVAL PRIOR TO POURING OF ANY CONCRETE. THE MIX-DESIGNS SHALL BE REPORTED ON A STANDARD FORM OBTAINABLE FROM THE ENGINEER.
5. NO SLAGMENT OR FLY-ASH SHALL BE USED WITHOUT PERMISSION FROM THE ENGINEER.
6. CONCRETE STRENGTHS UNO : (28 DAYS)

BLINDING LAYERS	15MPa / (19mm STONE)
UNREINFORCED FOUNDATIONS	25MPa / (19mm STONE)
REINFORCED FOUNDATIONS	30MPa / (19mm STONE)
SURFACE BEDS (REINFORCED)	25MPa / (19mm STONE)
APRONS & WALKWAYS	30MPa / (19mm STONE)
SUSPENDED SLABS	25MPa / (19mm STONE)
BEAMS	30MPa / (19mm STONE)
COLUMNS	30MPa / (19mm STONE)
IN FOUNDATION CAVITY WALLS	30MPa / (13mm STONE)
BASES	30MPa / (19mm STONE)
MASS CONCRETE	20MPa / (19mm STONE)

7. CONCRETE COVER TO REINFORCING STEEL UNO :

FOUNDATIONS/PILE CAPS	75mm
RETAINING WALLS (GROUND SIDE)	40mm
RETAINING WALLS (OPEN SIDE)	30mm
COLUMNS	30mm
SLABS EXTERNAL	30mm
SLABS INTERNAL	20mm
BEAMS	30mm
CONCRETE FILLED FOUNDATION CAVITY WALLS	30mm

8. TOLERANCES TO BE IN ACCORDANCE WITH SANS - 1200 G
9. WRITTEN PERMISSION TO STRIP ANY SUPPORT WORK SHALL BE OBTAINED FROM THE ENGINEER PRIOR TO STRIPPING.
10. THE MINIMUM PERIODS FOR SHUTTERING TO BE KEPT IN POSITION, AFTER CONCRETE HAS BEEN POURED ARE AS FOLLOWS:
SIDES OF COLUMNS, BEAMS & WALLS 3 DAYS
UNDERSIDE OF SLABS 14 DAYS
UNDERSIDES OF BEAMS AND ARCHES 21 DAYS
UNDERSIDES OF COLUMN STRIPS IN SLABS 21 DAYS
11. ACCEPTED CURING METHODS ARE:
- PONDING THE EXPOSED SURFACE WITH CLEAN WATER.
- COVERING THE EXPOSED SURFACE WITH MOISTURE RETAINING MATERIAL AND KEEPING IT WET.
- COVERING THE CONCRETE WITH WATERPROOFING OR PLASTIC SHEETS
- USE OF AN APPROVED CURING COMPOUND APPLIED IN ACCORDANCE WITH THE
- MANUFACTURES SPECIFICATION.

12. COLD CONSTRUCTION JOINTS : COURSE AGGREGATE TO BE EXPOSED, CLEANED AND CEMENT WATER SOAKED BEFORE POURING THE NEW CONCRETE. LOCATION OF JOINTS TO BE APPROVED BY ENGINEER.
13. EXPOSED CONCRETE FINISHES SHALL BE ACCORDING TO ARCHITECT'S DRAWINGS, OR AS INSTRUCTED BY THE ENGINEER.
14. REINFORCING STEEL TO COMPLY WITH SANS 920
"R" = ROUND MILD STEEL fy:250MPa (MIN)
"Y" = HIGH YIELD STEEL fy:450MPa (MIN)
15. PORTION OF COLUMN BELOW GROUND LEVEL SHALL BE PAINTED WITH TWO COATS OF BITUMEN PAINT.
16. ALL CONCRETE / BRICK INTERFACE "V" JOINTS ARE TO PASS THROUGH THE PLASTER
17. ANY OPENINGS FOR SERVICES NOT SHOWN ON THE STRUCTURAL ENGINEERING DRAWINGS MUST BE APPROVED BY THE ENGINEER BEFORE EXECUTION THROUGH ANY STRUCTURAL ELEMENT.

NOTES ON ROOF TRUSSES

1. ROOF TRUSSES INCLUDING THE SECURING THEREOF TO BE DESIGNED AND THE INSTALLATION APPROVED BY A SPECIALIST ECSA REGISTERED TRUSS ENGINEER (EG MITEK). MBB IS NOT RESPONSIBLE FOR THIS PORTION OF THE WORK

NOTES ON STRUCTURAL STEEL WORK

1. ALL MATERIALS AND WORKMANSHIP MUST COMPLY WITH SABS 0162, SABS 657 AND SABS 1200 H AND/OR SABS 1200HA.
2. HEXAGON-HEAD BOLTS AND NUTS MUST COMPLY WITH SABS 135.
3. ALL WELDING MUST COMPLY WITH SABS 455.
4. BEFORE COMMENCING WITH FABRICATION,THE POSITION OF THE ANCHOR BOLTS MUST BE CHECKED ON SITE, AS THIS MAY EFFECT THE OVERALL LENGTH OF COLUMNS AND ROOF TRUSSES.
5. ALL MATERIAL MUST BE CLEAN AND FREE OF RUST, OIL, ETC. (FOR CLEANING OF STEEL SEE SABS 064).
6. UNLESS OTHERWISE SPECIFIED, USE 6mm CONTINUOUS FILLET WELD, WHICH MUST EXTEND AROUND THE PERIMETER OF THE CONTACT AREA.
7. THE CONTRACTOR MUST ALLOW IN HIS TENDER FOR:
a. TEMPORARY STRUTS AND BRACING DURING ERECTION.
b. X-RAY TESTING FOR 5 WELDED CONNECTIONS, ARE REQUIRED BY THE ENGINEER.
c. WORKSHOP DRAWINGS, IF REQUIRED.
8. ALL COLD ROLLED SECTIONS MUST BE HOT DIPPED GALVANIZED, NOT LESS THAN 200 MICRON, TO SABS ISO 1461:1999 SPECIFICATION.
9. PAINT SPECIFICATION:
a. WIRE BRUSH.
b. ONE COAT RED OXIDE SHOP PRIMER.
c. TOUCH-UP WITH RED OXIDE AFTER ERECTION.
d. FINAL COAT ACCORDING TO ARCHITECTS SPECIFICATION
e. ALL STEELWORK BELOW GROUND LEVEL TO RECEIVE TWO COATS OF EPOXY TAR IN ADDITION.

NOTES ON GENERAL BUILDING WORK

1. ALL BUILDING WORK TO COMPLY WITH SANS 10400 BUILDING STANDARDS

DRAWING LIST

Description Title	Drawing No.
General Notes	G2857/M/500
Site Plan	G2857/M/501
Ablution Blocks	G2857/M/502
Detail sheet 1 - Braai stand, fencing and bench details	G2857/M/503
Detail sheet 2 - Walkway, viewing deck, fence and bench detail	G2857/M/504
Detail sheet 3 - Parking area details	G2857/M/505
Detail sheet 4 - Gabion, headwall, Conservancy tank & sign details	G2857/M/506
Life Guard Tower	G2857/M/507
Project Name Board	G2857/M/508
Locality Plan	G2857/M/509

Rev.	Date	Grid	Description	By	Chkd

Revisions

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Scaled measurements are not valid.
Check drawing measurements before commencing work.
This drawing is specific to this project and should not be used for any other project on any other site.

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Civil, Agricultural, Structural, Environmental, Project Management

mbb® CONSULTING ENGINEERS (EC)

SACAP Registration No. **PSAT24750998** (Pr S Arch T)

ECSA Registration No. **2018300251** (Pr Tech Eng)

CLIENT	DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT
PROJECT	PROPOSED UPGRADE AND CONSTRUCTION OF COASTAL INFRASTRUCTURE WITHIN THE KING SABATA DALINDYEBO LOCAL MUNICIPALITY, EASTERN CAPE
ERF	48
AREA	COFFEE BAY
TITLE	GENERAL NOTES

USE : FOR TENDER PURPOSE ONLY

Drawn	R.Krige	Surveyed	.
Date	FEB 2023	Designed	.
Scale	NTS (A1)	Checked	P.Nosib

Drawing Number	PROJECT NUMBER				DISC	DRAWING CODE			REVISION NUMBER		
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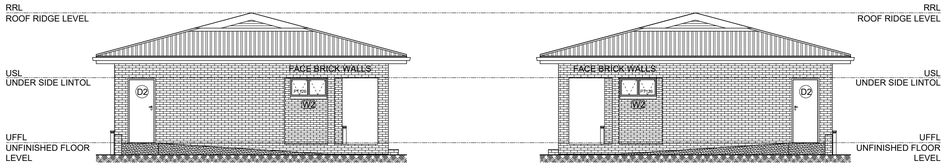
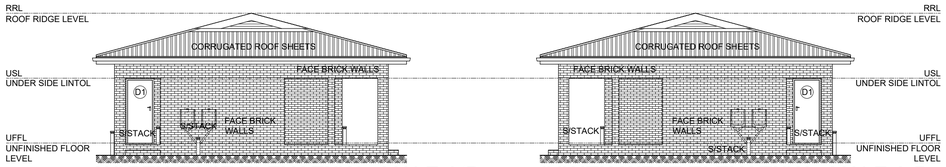


NORTH EAST ELEVATION - MALE A/B
SCALE 1: 100

SOUTH WEST ELEVATION - MALE A/B
SCALE 1: 100



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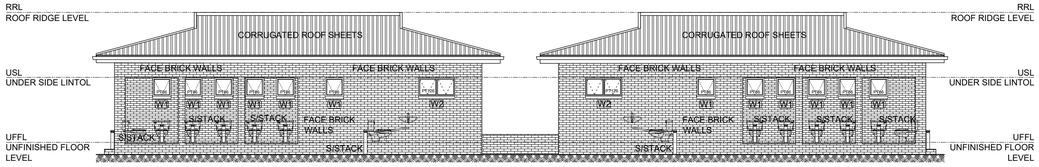

SOUTH EAST ELEVATION - MALE & FEMALE A/B
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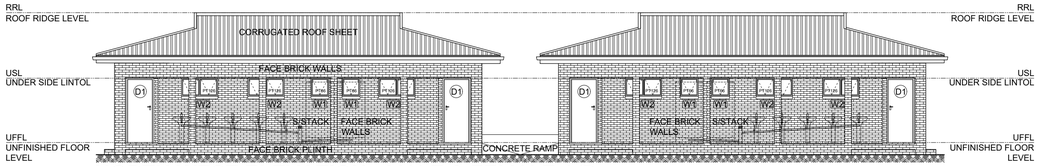
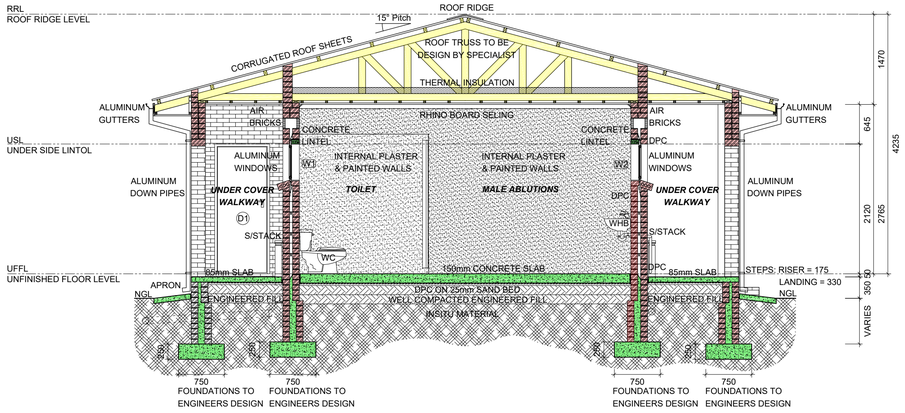
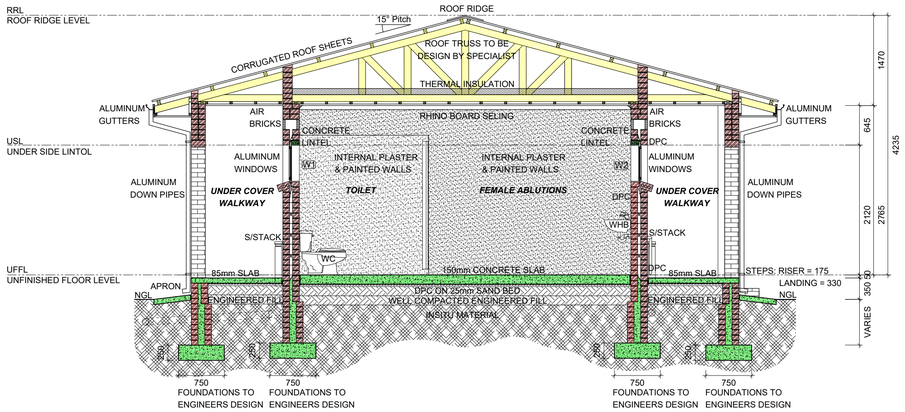


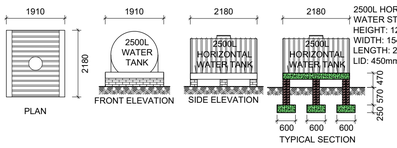
NORTH WEST ELEVATION - MALE & FEMALE A/B
SCALE 1: 100



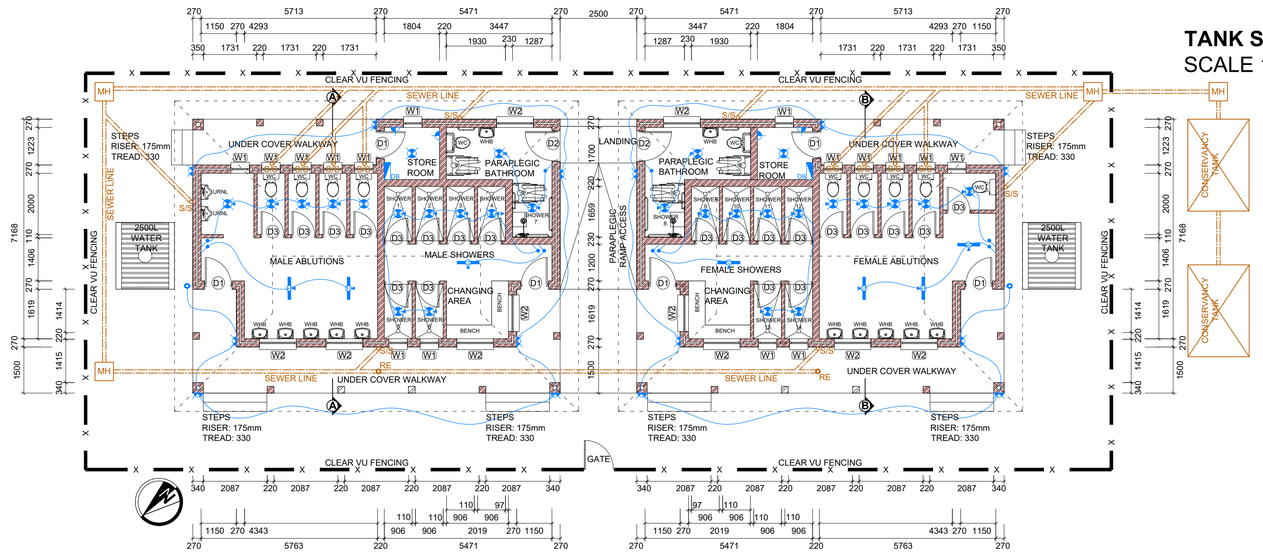
SECTION A-A - MALE ABLUTION BLOCK
SCALE 1: 50



SECTION B-B - FEMALE ABLUTION BLOCK
SCALE 1: 50

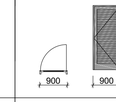
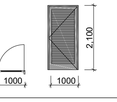
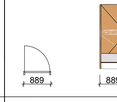


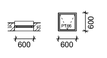
TANK STAND DETAIL
SCALE 1: 100



PLAN - MALE & FEMALE (A/B) ABLUTION BLOCK
SCALE 1: 100

ELECTRICAL LEGEND
CEILING LIGHT POINT
WALL LIGHT POINT
FLOURESCENT LIGHT POINT
MOTION SENSOR
DAY NIGHT SENSOR
PLUG POINT AT 300MM HEIGHT
DB BOX

NUMBER	D1	QUANTITY 6	D2	QUANTITY 2	D3	QUANTITY 21
DOOR						
DOOR FRAME	*PURPOSE MADE SINGLE HINGED DOOR FRAME.*		*PURPOSE MADE SINGLE HINGED DOOR FRAME (PARAPLEGIC DOOR)*		*PURPOSE MADE SINGLE TOILET DOOR FRAME, STILES ON EACH SIDE WITH NO TOP FRAME AS PER VAN ACHT PRODUCTS. SAND DOWN, PREPARE AND CLEAN, APPLY 3x COATS TIMBACARE "MAHOGANY" RYSTIX EXTERIOR SEALER IN ACCORDANCE TO MAN. SPEC.*	
DOOR LEAF	*PURPOSE MADE ALUMINIUM SINGLE DOOR LEAF WITH SOLID SLATS.*		*PURPOSE MADE ALUMINIUM SINGLE DOOR LEAF WITH SOLID SLATS.*		*PURPOSE MADE SHORT DOOR. BB VERSAWOOD - 813x2032 LEAF. SAND DOWN, PREPARE AND CLEAN, APPLY 3x COATS TIMBACARE "MAHOGANY" RYSTIX EXTERIOR SEALER IN ACCORDANCE TO MAN. SPEC.*	
DOOR & FRAME FINISH	*EPOXY POWDER COATED ALUMINIUM CHARCOAL.*		*EPOXY POWDER COATED ALUMINIUM CHARCOAL.*		*SAND AND CLEAN, APPLY 1 COAT TIMBERLIFE SATINWOOD BASE 28 VARNISH WITH INHERENT INSECTICIDE BEFORE INSTALLATION. APPLY ADDITIONAL 2 x COATS AFTER INSTALLATION IN STRICT ACCORDANCE TO MANUFACTURER'S SPECIFICATION, COLOUR TO ARCHITECT.*	
ACCESS-ORIES	*NONE*		*NONE*		*300mm HIGH x 800mm WIDE STAINLESS STEEL KICKPLATE ON BOTH SIDES OF DOOR.*	

NUMBER	W1	QUANTITY 16	W2	QUANTITY 10
WINDOW				
WINDOW FRAME	*PURPOSE MADE ALUMINIUM TOP HUNG, PROJECTING OUT FRAMELESS CORNER CASEMENT 38 WINDOW AS PER WISPECO PRODUCTS.*		*PURPOSE MADE ALUMINIUM TOP HUNG, PROJECTING OUT FRAMELESS CORNER CASEMENT 38 WINDOW AS PER WISPECO PRODUCTS.*	
FRAME FINISH	*EPOXY POWDER COATED ALUMINIUM CHARCOAL.*		*EPOXY POWDER COATED ALUMINIUM CHARCOAL.*	
GLAZING	*INSTALL 6.5mm CLEAR FLOAT SAFETY GLASS AS PER AAMSA, SUPPLIED AND FITTED BY MANUFACTURER.*		*INSTALL 6.5mm CLEAR FLOAT SAFETY GLASS AS PER AAMSA, SUPPLIED AND FITTED BY MANUFACTURER.*	
FURNI-TURE	*AS PER MANUFACTURER.*		*AS PER MANUFACTURER.*	
CILL INSIDE	*PLASTERED AND PAINTED TO MATCH WALL.*		*PLASTERED AND PAINTED TO MATCH WALL.*	
CILL OUTSIDE	*BRICK ON EDGE SILL AT 30 DEGREES*		*BRICK ON EDGE SILL AT 30 DEGREES*	

ROOF SHEETS

GLOBAL ROOFING SOLUTIONS IBR 686, ISQ 300, 0.58mm THICK ROOF SHEETING FIXED TO 76 x 50mm CCA TREATED S.A. PINE PURLINS INSTALLED AT MAX. 1200mm C/C FIXED TO CCA TREATED S.A.PINE TRUSSES AS PER MITEK STANDARDS. CHROMADEX Z200 FACTORY FINISHED SHEETS COLOUR, DARK DOLPHIN

WALL PLATES

114 x 38mm CCA TREATED S.A. PINE WALL PLATE INSTALLED ON TOP OF. TRUSSES TO BE TIED DOWN ON TO WALL PLATE BY MEANS OF GALVANISED HOOP IRON TIES, BUILT INTO A MINIMUM OF 4 COURSES OF BRICKWORK

BARGE BOARD

EVERITE NUTEC FIBRE CEMENT SOCKETLESS 275mm BARGE BOARD CODE 721-740, APPLY 1 x UNIVERSAL UNDERCOAT AND 2 COATS PLASCON NUROOF, COLOUR TO MATCH ROOF SHEETS

THERMAL INSULATION

75mm THICK ISOTHERM FIBRE WOOL INSULATION ON TOP ALL INTERNAL CEILINGS IN STRICT ACCORDANCE TO MAN. SPEC.

CEILING

9mm THICK RHINO BOARD GYPSUM CEILING BOARDS SCREWED ON TO 38 x 38mm CCA TREATED S.A PINE BRANDERS INSTALLED AT 450mm C/C FIXED TO UNDERSIDE OF 76 x 50mm CCA TREATED S.A.PINE PURLINS INSTALLED AT MAX 900mm C/C. ALL CEILING BOARD JOINTS TO BE REINFORCED WITH FIBRE RESIN TAPE. APPLY RHINOLITE SKIM PLASTER IN ACCORDANCE TO MAN. SPEC., ALLOW TO DRY, APPLY 1 x COAT BONDING LIQUID AND TWO COATS PLASCON "POLVIN" SUPER ACRYLIC PVA PAINT IN ACCORDANCE TO MAN. SPEC.

FACIA BOARD

300 x 10mm EVERITE NUTEC FIBRE CEMENT FACIA BOARD SCREWED ON TO 38 x 150mm PAR CCA TREATED S.A. PINE FACIA TRIMMER PLANK. FIBRE CEMENT BOARD TO RECEIVE 1 x UNVERSAL UNDERCOAT AND 2 COATS PLASCON NUROOF. COLOUR TO MATCH ROOF SHEETS. FACIA TRIMMER PLANK TO BE SANDED DOWN. PREPARE AND CLEAN, APPLY 3 x COATS TIMBACARE RYSTIX EXTERIOR SEALER IN ACCORDANCE TO MAN. SPEC. COLOUR "MAHOGANY"

WINDOWS

ALUMINIUM WINDOW AS PER SCHEDULE WITH BRICK ON EDGE CILL.

FLOOR SLABS

INTERNAL ABLUTION FLOOR SLABS TO BE 25MPa AND 150mm THICK WITH REF245 WELD MESH

EXTERNAL UNDERCOVER WALKWAY FLOOR SLABS TO BE 30MPa 85mm THICK WITH REF245 WELD MESH

APRON

600mm WIDE x MIN. 25MPa, 85mm THICK CONCRETE APRON AROUND BUILDING. MIN SLOPE 1:60 TO DRAIN SURFACE WATER AWAY FROM BUILDING

FOUNDATIONS

250mm X 750mm 20MPa FOUNDATIONS TO ENGINEERS SPECIFICATION

General Notes:

1) Copyright reserved by Architect
2) In the event of any discrepancy detected on this drawing, it must be brought to the Architect's attention to be verified or corrected before building work commences.
3) All set-out levels and dimensions must be verified on site before construction commences
4) This drawing must not be scaled
5) Quality of workmanship and construction methods must conform to the SANS code for Grade 1 building work
6) All foundation excavations, sewer trenches as well as all areas below floors to be treated by specialist againsts termites, by application of approved chemicals with min. 5year guarantee as per SANS 10124
7) Concrete foundations, surface beds, and paving must comply with SANS 10100 and SANS 10161 as well as Engineer's specifiations and drawings. Concrete cube tests shall be prepared by the contractor for strength testing. Test results to be approved by either Architect or Engineer.
8) Where steps in strip foundations are required, the highest section must extend over the lower section by a distance of at least the thickness of the foundation
9) The top of an external foundation shall be a minimum of 400mm below the surface of the adjoining ground level
10) Filling under concrete surface beds and paving shall be of an acceptable standard, clean from any organic material and site refuse. Filling shall be compacted to minimum 90Mod AASHTO in layers not exceeding 150mm thick. Filling shall be treated for termites as mentioned above and covered to protect treatment against UV and rain. Surface installation to take place within 24hrs from installation of termite treatment.
11) 250micron D.P.M. and 375micron D.P.C. to be installed below all surface beds and in all walls respectively
12) Brickforce of suitable width to match wall thickness to be installed at min. every 3rd course in general brickwork, but at every course in all foundation walls and above wall openings.
13) Wall ties shall be installed in evenly distributed pattern at min 3 x ties per sqm of face area in all cavity walls.
14) All brickwork to be in stretcher bond except where otherwise indicated. Bricks to be well wetted before installation
15) All glazing must, at minimum, comply to the requirements as set out in the South African Building Regulations and AAMSA
16) All electrical installations must comply to the appropriate requirements as set out in the National Building Regulations of South Africa and shall be installed and certified by a qualified and registered electrician.
17) All roof installations shall be done by a Mitek registered specialist.
18) All finishes and materials shall be installed or applied in strict accordance to manufacturer's specifications.
19) All products and materials to be SABS approved.
20) All materials and construction work to comply with SANS 10400.

Rev.	Date	Grid	Description	By	Chkd

Revisions

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Scaled measurements are not valid.
Check drawing measurements before commencing work.
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Civil, Agricultural, Structural, Environmental, Project Management

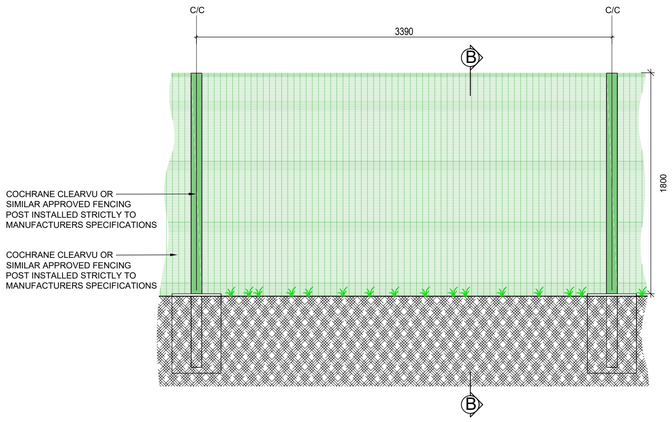
MBB® CONSULTING ENGINEERS (EC)

ECSA Registration No. **2018300251** (Pr Tech Eng)

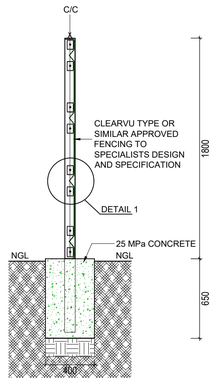
SACAP Registration No. **PSAT24750998** (Pr S Arch T)

CLIENT	DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT
PROJECT	PROPOSED UPGRADE AND CONSTRUCTION OF COASTAL INFRASTRUCTURE WITHIN THE KING SABATA DALINDYEBO LOCAL MUNICIPALITY, EASTERN CAPE
ERF	66
AREA	COFFEE BAY
DRAWING	ABLUTION BLOCK 2
USE : FOR TENDER PURPOSE ONLY	
Drawn	R.Krige
Date	Feb 2023
Scale	1:100 & 1:50 (A1)

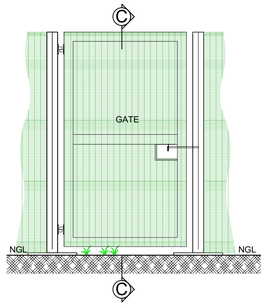
Drawing Number	PROJECT NUMBER	DISC	DRAWING CODE	REVISION NUMBER
	G 2 8 5 7	M	5 0 2	R 0 0



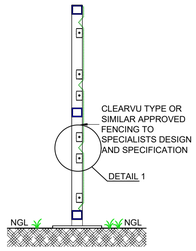
ELEVATION
CLEARVU FENCING
SCALE 1: 25



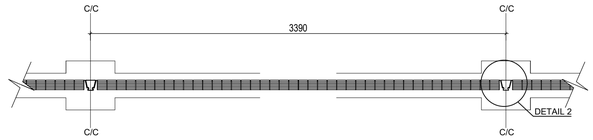
CLEARVU FENCING
SECTION B - B
SCALE 1: 25



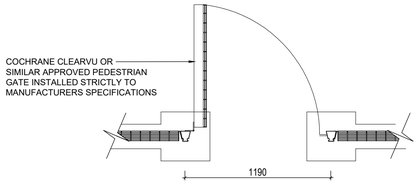
ELEVATION
CLEARVU PEDESTRIAN GATE
SCALE 1: 25



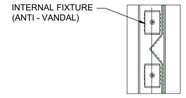
SECTION C - C
CLEARVU PEDESTRIAN GATE
SCALE 1: 25



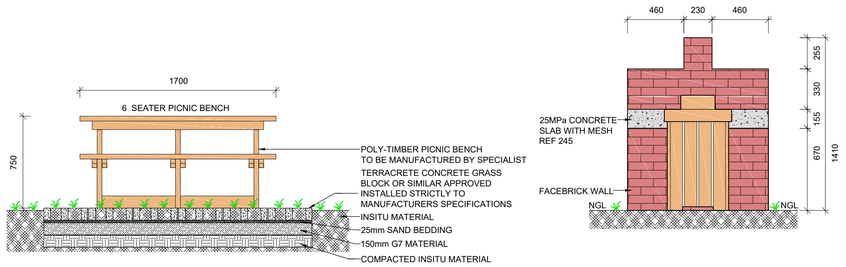
PLAN
CLEARVU FENCING
SCALE 1: 25



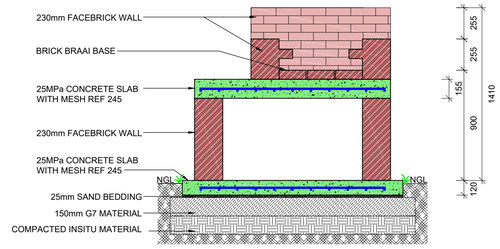
PLAN
CLEARVU PEDESTRIAN GATE
SCALE 1: 25



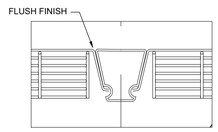
DETAIL 1
NTS



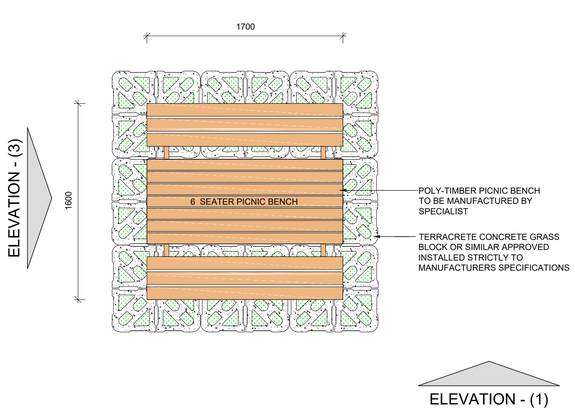
ELEVATION - (1)
DOUBLE BRAAI STAND AND PICNIC BENCH
SCALE 1: 25

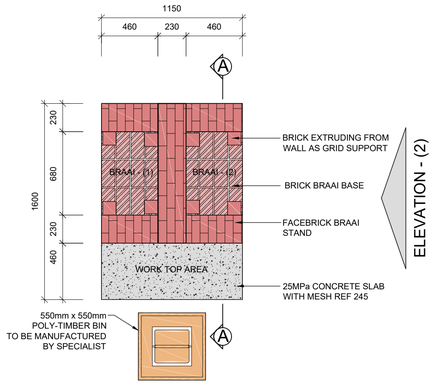


SECTION A - A BRAAI STAND
SCALE 1: 25

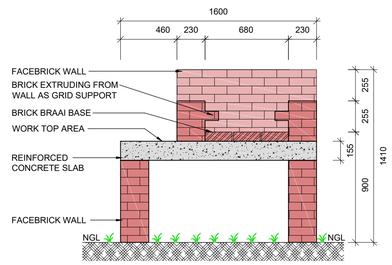


DETAIL 2
NTS

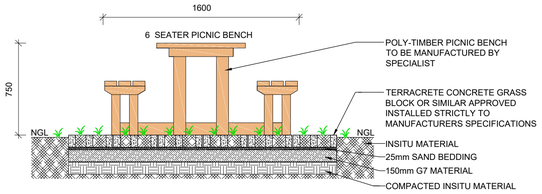




PLAN
DOUBLE BRAAI STAND AND PICNIC BENCH
SCALE 1: 25



ELEVATION - (2)
BRAAI STAND
SCALE 1: 25



ELEVATION - (3)
BRAAI STAND
SCALE 1: 25

LAYER WORKS LEGEND

G5 MATERIAL		150mm G5 MATERIAL COMPACTED TO 95% MOD AASHTO DENSITY AT OPTIMUM MOISTURE CONTENT (OMC).
G7 MATERIAL		150mm G7 MATERIAL COMPACTED TO 93% MOD AASHTO DENSITY AT OPTIMUM MOISTURE CONTENT (OMC).
COMPACTED INSITU MATERIAL		INSITU MATERIAL COMPACTED TO 93% MOD AASHTO DENSITY AT OPTIMUM MOISTURE CONTENT (OMC).

NOTES:

- ALL POLY-TIMBER TO BE MANUFACTURED AND INSTALLED BY SPECIALIST.
- ALL PEDESTRIAN RAMPS, WALKWAYS AND ACCESSES TO BE AT A MAXIMUM OF 5° or 1:12 SLOPE FOR WHEEL CHAIR ASSISTED ACCESSES TO ALL FACILITIES
- ALL PRODUCTS AND MATERIALS TO BE SABS APPROVED
- ALL WORK MUST COMPLY WITH SANS 10400

Rev.	Date	Grid	Description	By	Chkd

Revisions

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Civil, Agricultural, Structural, Environmental, Project Management

MBB® CONSULTING ENGINEERS (EC)

ECSA Registration No. **2018300251** (Pr Tech Eng)

SACAP Registration No. **PSAT24750998** (Pr S Arch T)

CLIENT	DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT
PROJECT	PROPOSED UPGRADE AND CONSTRUCTION OF COASTAL INFRASTRUCTURE WITHIN THE KING SABATA DALINDYEBO LOCAL MUNICIPALITY, EASTERN CAPE
ERF	66
AREA	COFFEE BAY
TITLE	DETAIL SHEET 1 - BRAAI STAND, FENCING AND BENCH DETAILS

USE : FOR TENDER PURPOSE ONLY

Drawn	R.Krige	Surveyed	.
Date	FEB 2023	Designed	.
Scale	1:25 & 1:50 (A1)	Checked	P.Nosib

Drawing Number	PROJECT NUMBER	DISC	DRAWING CODE	REVISION NUMBER
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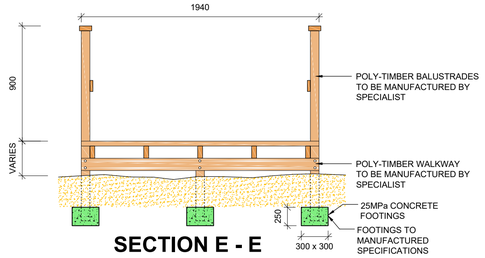
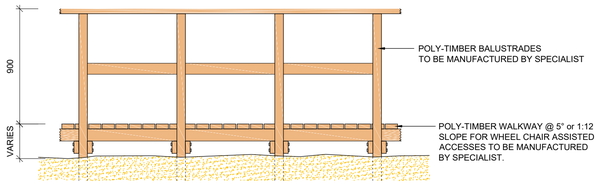
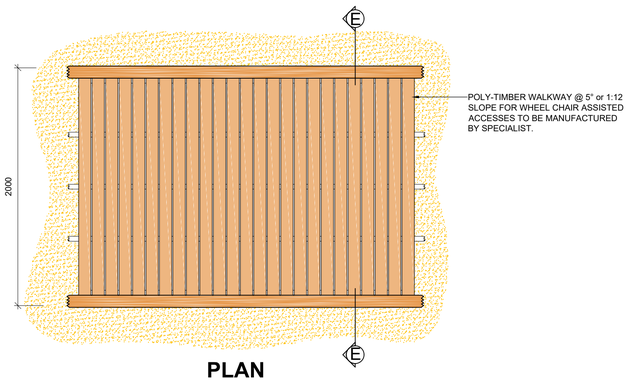


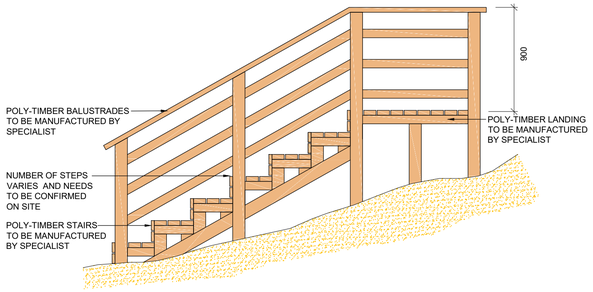
SECTION E - E
POLY-TIMBER WALKWAY
SCALE 1: 25



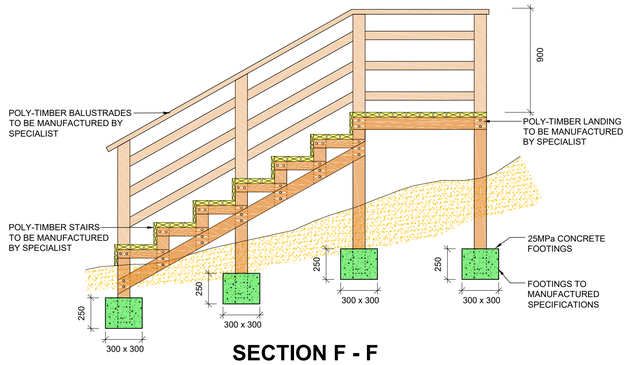
ELEVATION
POLY-TIMBER WALKWAY
SCALE 1: 25



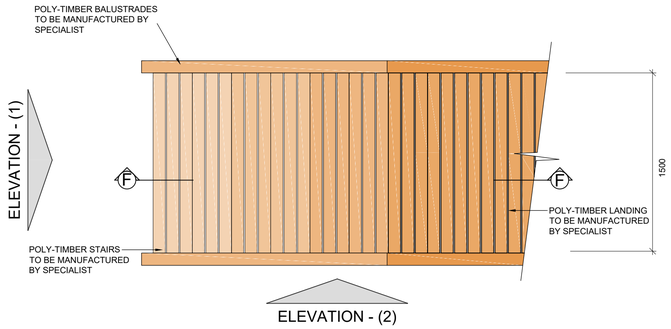
PLAN
POLY-TIMBER WALKWAY
SCALE 1: 25



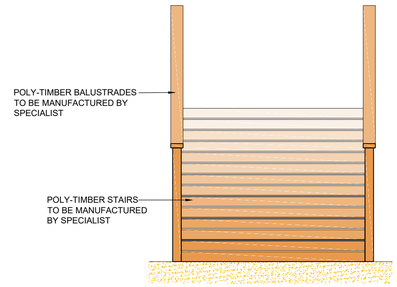
ELEVATION (2)
TYPICAL STAIR & LANDING BEACH ACCESS
SCALE 1: 25



SECTION F - F
TYPICAL STAIR & LANDING BEACH ACCESS
SCALE 1: 25



PLAN
TYPICAL STAIR & LANDING BEACH ACCESS
SCALE 1: 25



ELEVATION (1)
TYPICAL STAIR & LANDING BEACH ACCESS
SCALE 1: 25

NOTES:

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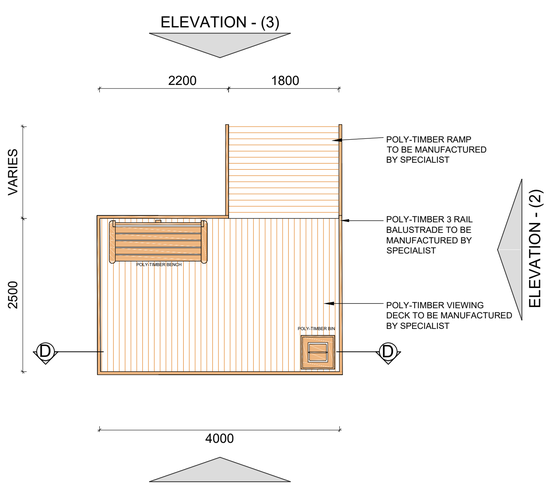
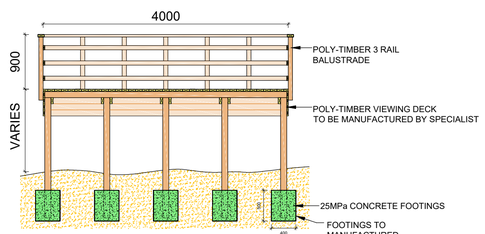
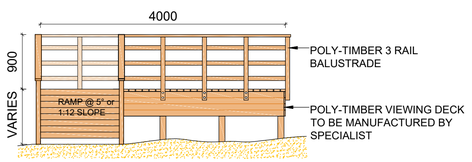


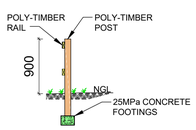
PLAN
VIEWING DECK 1, 2 & 3
SCALE 1: 50



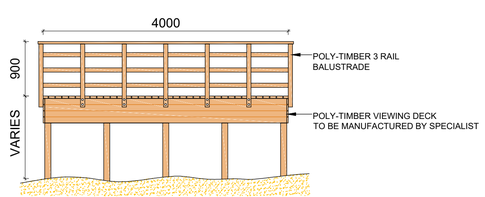
SECTION D - D
VIEWING DECK 1, 2 & 3
SCALE 1: 50



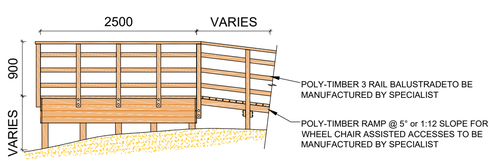
ELEVATION 3
VIEWING DECK 1, 2 & 3
SCALE 1: 50



SECTION
SCALE 1: 50

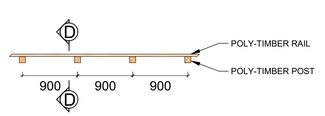


ELEVATION 1
VIEWING DECK 1, 2 & 3
SCALE 1: 50



ELEVATION 2
VIEWING DECK 1, 2 & 3
SCALE 1: 50

ELEVATION
POST AND RAIL BARRIER
SCALE 1: 50



PLAN
POST AND RAIL BARRIER
SCALE 1: 50

Rev.	Date	Grid	Description	By	Chkd

Revisions

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PROJECT	PROPOSED UPGRADE AND CONSTRUCTION OF COASTAL INFRASTRUCTURE WITHIN THE KING SABATA DALINDYEBO LOCAL MUNICIPALITY, EASTERN CAPE
ERF	66
AREA	COFFEE BAY
TITLE	DETAIL SHEET 2 - WALKWAY, VIEWING DECK, FENCE AND BENCH DETAILS

USE : FOR TENDER PURPOSE

Drawn	R.Krige	Surveyed	.
Date	Feb 2023	Designed	.
Scale	1:25 & 1:50 (A1)	Checked	P.Nosib

Drawing Number	PROJECT NUMBER	DISC	DRAWING CODE	REVISION NUMBER
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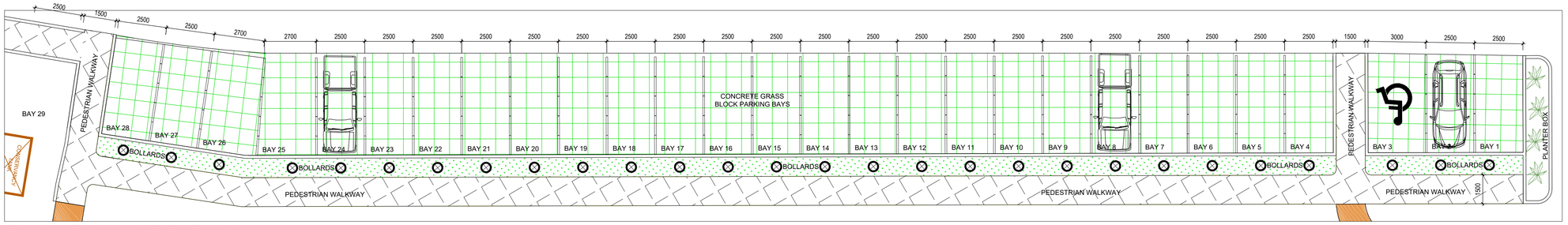
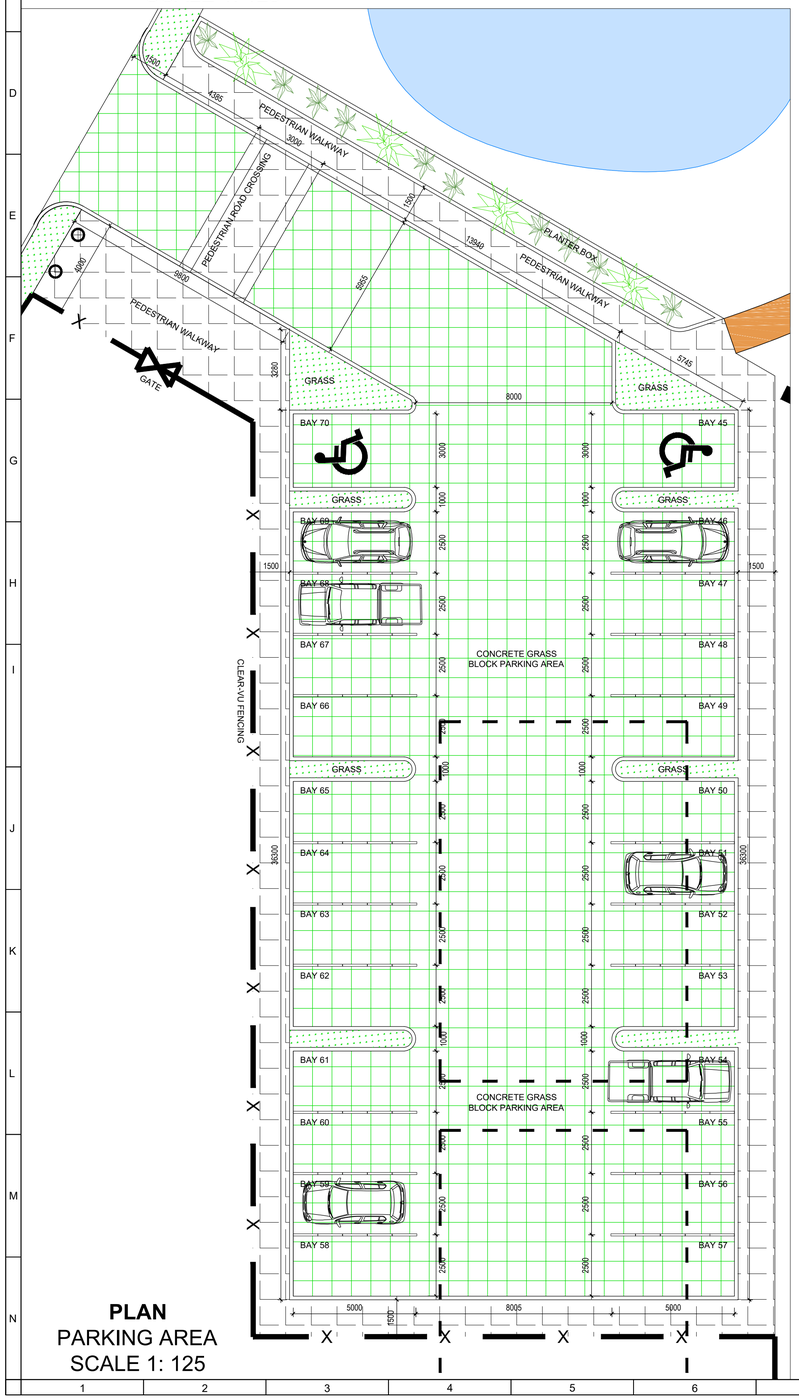
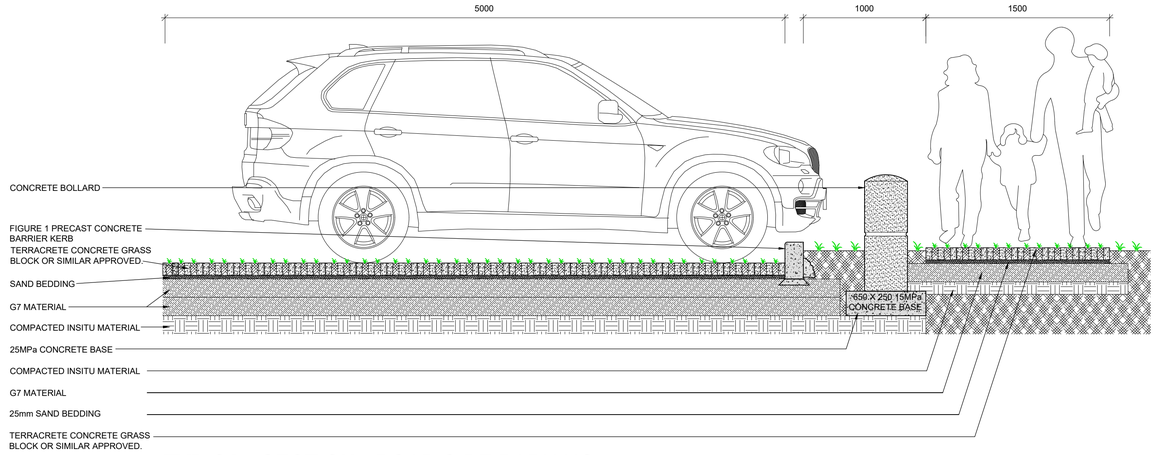


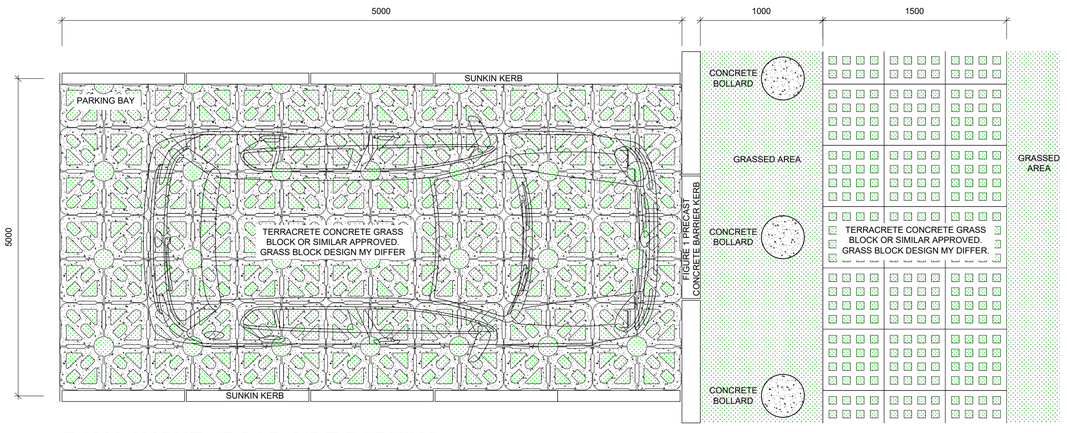
PLAN - ROAD SIDE PARKING
SCALE 1: 125



PLAN
PARKING AREA
SCALE 1: 125



TYPICAL SECTION - ROAD SIDE PARKING
SCALE 1: 125



BAY LAYOUT - ROAD SIDE PARKING
SCALE 1: 125

LAYER WORKS LEGEND

G5 MATERIAL		150mm G5 MATERIAL COMPACTED TO 95% MOD AASHTO DENSITY AT OPTIMUM MOISTURE CONTENT (OMC).
G7 MATERIAL		150mm G7 MATERIAL COMPACTED TO 93% MOD AASHTO DENSITY AT OPTIMUM MOISTURE CONTENT (OMC).
COMPACTED INSITU MATERIAL		INSITU MATERIAL COMPACTED TO 93% MOD AASHTO DENSITY AT OPTIMUM MOISTURE CONTENT (OMC).

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Rev.	Date	Grid	Description	By	Chkd
Revisions					

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CLIENT	DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT
PROJECT	PROPOSED UPGRADE AND CONSTRUCTION OF COASTAL INFRASTRUCTURE WITHIN THE KING SABATA DALINDYEBO LOCAL MUNICIPALITY, EASTERN CAPE
ERF	66
AREA	COFFEE BAY
DRAWING	DETAIL SHEET 3 - PARKING AREA DETAILS
USE : FOR TENDER PURPOSE ONLY	

Drawn	R.Krige	Surveyed	.
Date	FEB 2023	Designed	.
Scale	1:125 (A1)	Checked	P.Nosib

Drawing Number	PROJECT NUMBER					DISC.	DRAWING CODE			REVISION NUMBER		
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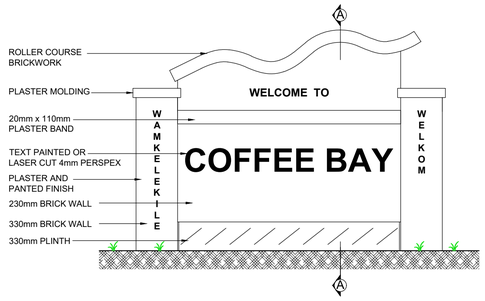
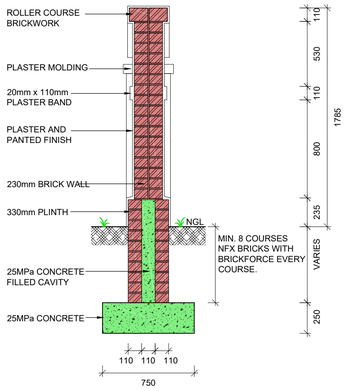
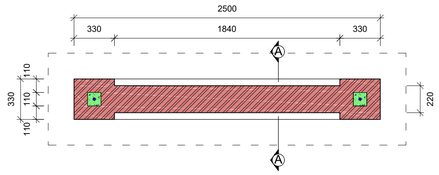


FRONT ELEVATION

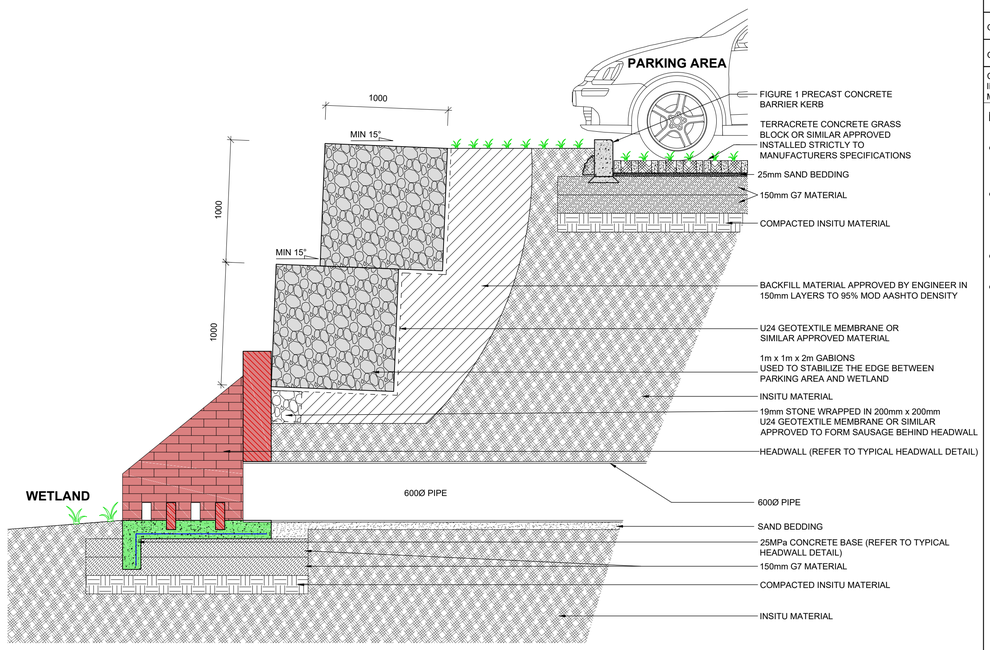


SECTION A-A

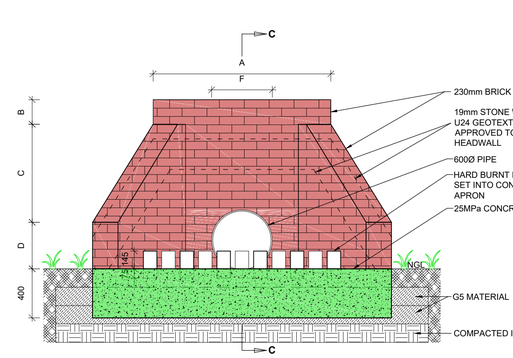


PLAN

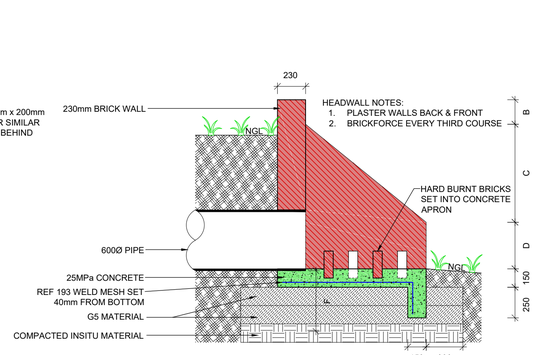
WELCOME SIGN
SCALE 1: 25



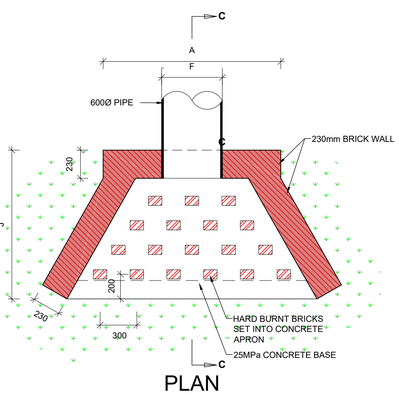
TYPICAL GABION DETAIL
SCALE 1: 25



ELEVATION



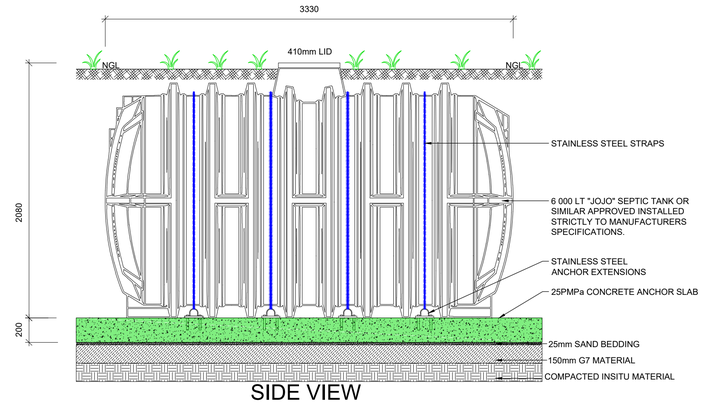
SECTION C-C



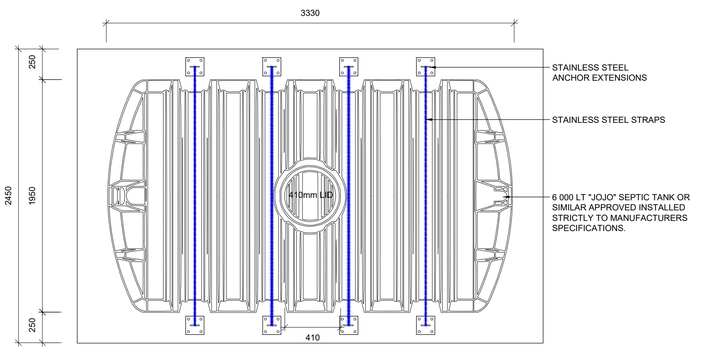
PLAN

DIAMETER	A	B	C	D	F	J
450 - 600	1150	150	650	200	495	1200
675 - 900	1450	200	800	380	495	1200
1050 - 1200	1800	200	1000	500	665	1500

TYPICAL HEADWALL DETAIL
SCALE 1: 25



SIDE VIEW



TOP VIEW

TYPICAL 6 000 CONSERVANCY TANK
SCALE 1: 25

LAYER WORKS LEGEND

G5 MATERIAL		150mm G5 MATERIAL COMPACTED TO 95% MOD AASHTO DENSITY AT OPTIMUM MOISTURE CONTENT (OMC).
G7 MATERIAL		150mm G7 MATERIAL COMPACTED TO 93% MOD AASHTO DENSITY AT OPTIMUM MOISTURE CONTENT (OMC).
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PROJECT	PROPOSED UPGRADE AND CONSTRUCTION OF COASTAL INFRASTRUCTURE WITHIN THE KING SABATA DALINDYEBO LOCAL MUNICIPALITY, EASTERN CAPE
ERF	66
AREA	COFFEE BAY
TITLE	DETAIL SHEET 4 - GABION, HEADWALL, CONSERVANCY TANK AND WELCOME SIGN DETAILS

USE : FOR TENDER PURPOSE ONLY

Drawn	R.Krige	Surveyed	.
Date	FEB 2023	Designed	.
Scale	1:25 (A1)	Checked	P.Nosib

Drawing Number	PROJECT NUMBER				DISC	DRAWING CODE			REVISION NUMBER		
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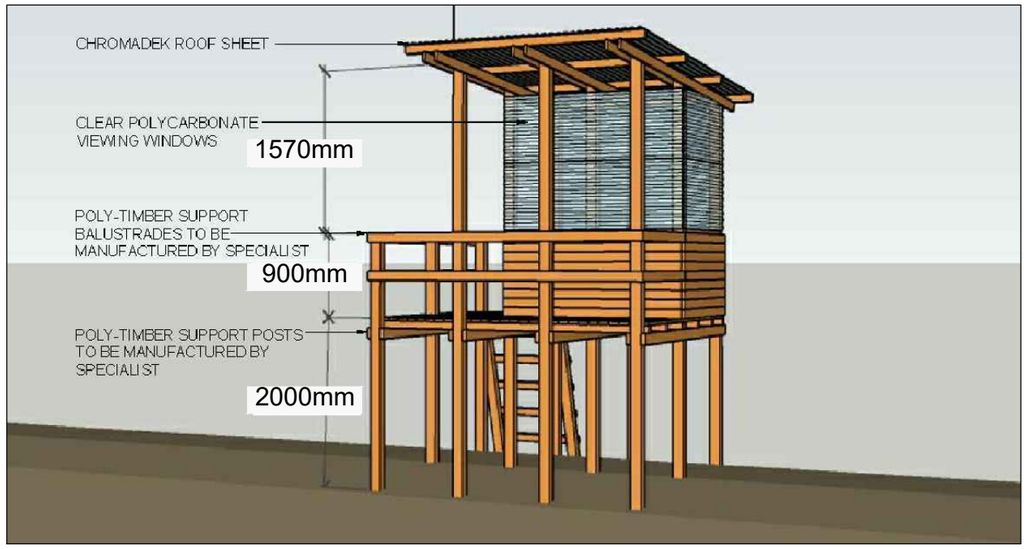
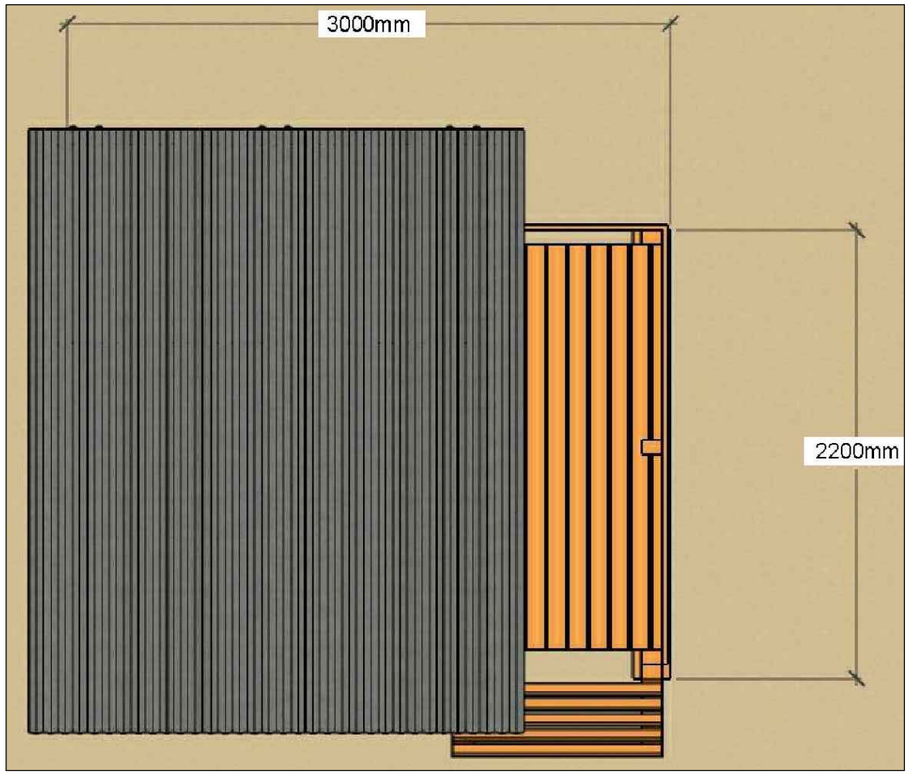


LIFE GUARD TOWER 3D PERSPECTIVE

NOTES:

- ALL POLY-TIMBER TO BE MANUFACTURED AND INSTALLED BY SPECIALIST.
- ALL PEDESTRIAN RAMPS, WALKWAYS AND ACCESSES TO BE AT A MAXIMUM OF 5° or 1:12 SLOPE FOR WHEEL CHAIR ASSISTED ACCESSES TO ALL FACILITIES
- ALL PRODUCTS AND MATERIALS TO BE SABS APPROVED
- ALL WORK MUST COMPLY WITH SANS 10400



LIFE GUARD TOWER BIRD EYE VIEW

MBB CONSULTING ENGINEERS (EC)

For: Pr Tech Eng ..... Date .....

DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT - COFFEE BAY LIFE GUARD TOWER

REVISION	DATE	BY	CHKD

SCALE	NTS	USE : FOR TENDER PURPOSE ONLY	
DATE	FEB 2023	PROJECT NUMBER	COPYRIGHT RESERVED
DRAWN	R.Krige	PROJECT NUMBER / DISC / DRAWING CODE	REVISION NUMBER
CHECKED	P.Nosib	G 2 8 5 7 M 5 0 7	R 0 0

KING SABATA DALINDYEBO LOCAL MUNICIPALITY
EC WORKING FOR THE COAST
COFFEE BAY

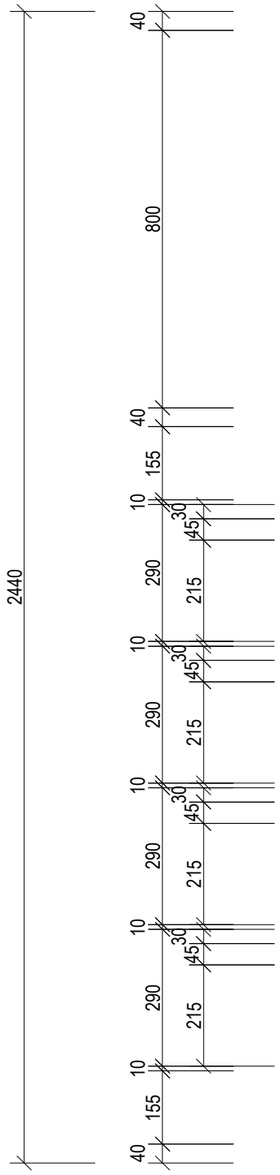
FUNDER: DEPARTMENT OF FORESTRY, FISHERIES & THE ENVIRONMENT

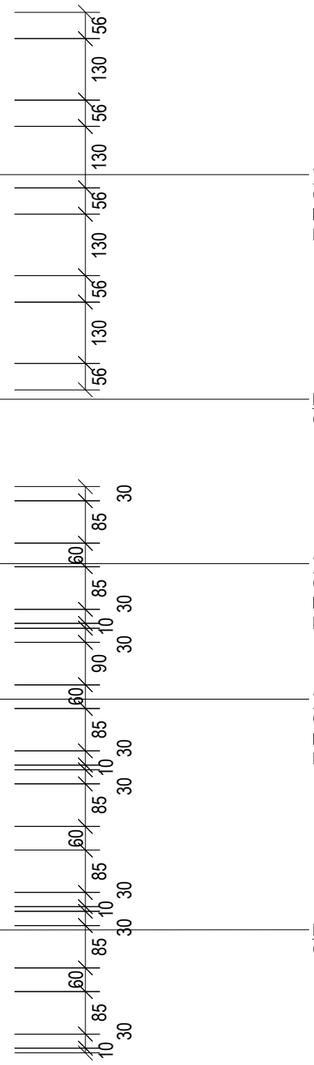
CLIENT: KING SABATA DALINDYEBO LOCAL MUNICIPALITY

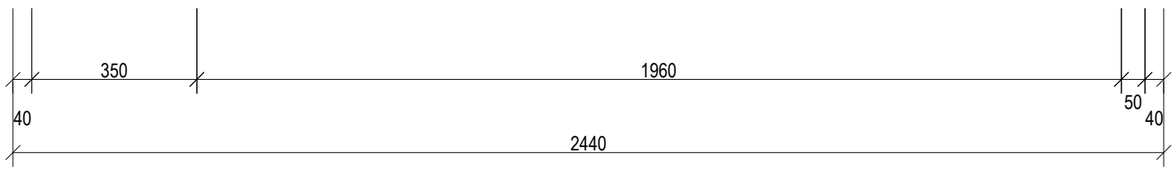
CONSULTANT: MBB CONSULTING ENGINEERS

LOGO

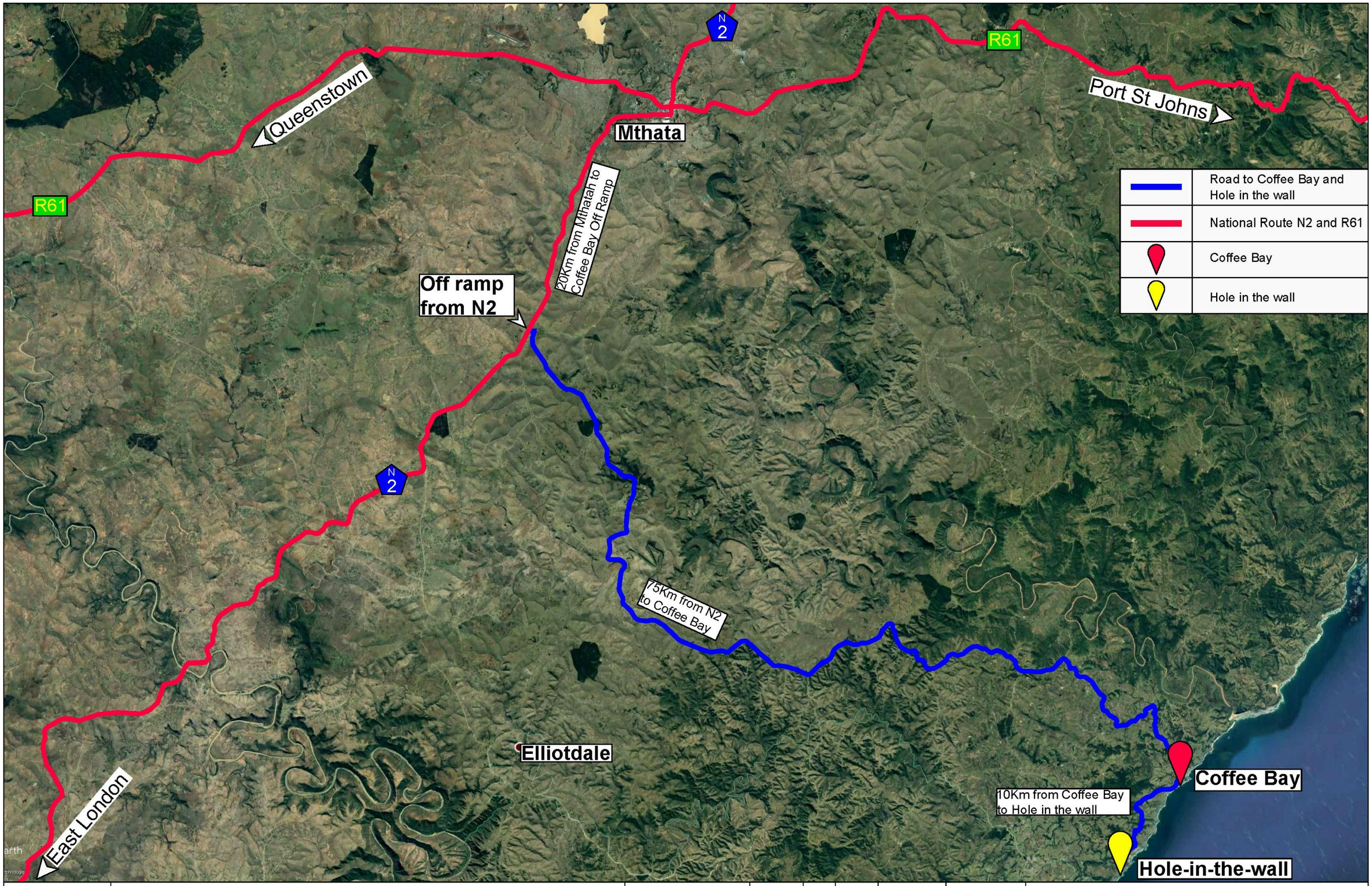
CONTRACTOR: CONTRACTOR NAME







MBB CONSULTING ENGINEERS (EC)	REVISION	DATE	BY	CHKD	SCALE	NTS (A3)	USE : FOR TENDER PURPOSE ONLY
For: Pr Tech Eng ..... Date					DATE	FEB 2023	PROJECT NUMBER / COPYRIGHT RESERVED
DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT - COFFEE BAY NAME BOARD					DRAWN	R.Krige	PROJECT NUMBER / DISC / DRAWING CODE / REVISION NUMBER
					CHECKED	P.Nosib	G 2 8 5 7 M 5 0 8 R 0 0



MBB CONSULTING ENGINEERS (EC)

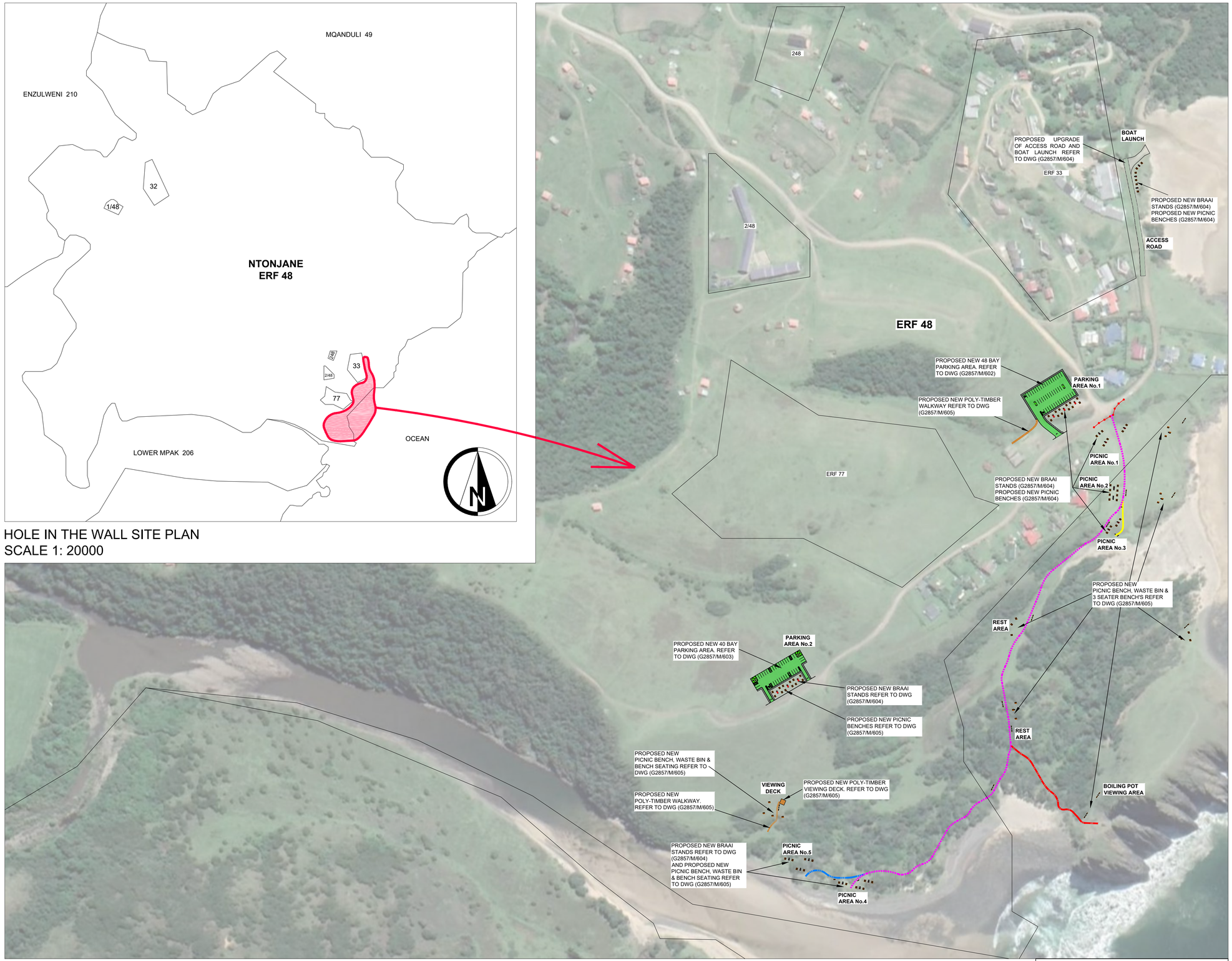
For: Pr Tech Eng ..... Date .....

DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT - COFFEE BAY LOCALITY PLAN

REVISION	DATE	BY	CHKD

SCALE	NTS (A3)	USE : FOR TENDER PURPOSE ONLY	
DATE	FEB 2023	PROJECT NUMBER	COPYRIGHT RESERVED
DRAWN	R.Krige	PROJECT NUMBER / DISC / DRAWING CODE / REVISION NUMBER	
CHECKED	P.Nosib	G 2 8 5 7 M 5 0 9 R 0 0	

HOLE IN THE WALL SITE PLAN
SCALE 1: 20000



SITE LAYOUT
SCALE 1: 750

LEGEND	
	FOOT PATH TO THE BOILING POT
	FOOT PATH TO PICNIC AREA No.3
	FOOT PATH TO PICNIC AREA No.3
	FOOT PATH TO PICNIC AREA No.3

DRAWING LIST

Description Title	Drawing No.
• Hole in the Wall - Site Plan	G2857/M/601
• Hole in the Wall - Parking Area No.1	G2857/M/602
• Hole in the Wall - Parking Area No.2	G2857/M/603
• Hole in the Wall - Detail Sheet 1	G2857/M/604
• Hole in the Wall - Detail Sheet 2	G2857/M/605

LEGEND

	FOOT PATH TO THE BOILING POT
	FOOT PATH TO PICNIC AREA No.3
	FOOT PATH TO PICNIC AREA No.3
	FOOT PATH TO PICNIC AREA No.3

Rev.	Date	Grid	Description	By	Chkd

Revisions

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Website: www.mbb.co.za

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MBB® CONSULTING ENGINEERS (EC)

ECSA Registration No. **2018300251** (Pr Tech Eng)

SACAP Registration No. **PSAT24750998** (Pr S Arch T)

CLIENT	DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT
PROJECT	PROPOSED UPGRADE AND CONSTRUCTION OF COASTAL INFRASTRUCTURE WITHIN THE KING SABATA DALINDYEBO LOCAL MUNICIPALITY, EASTERN CAPE
ERF	48
AREA	HOLE IN THE WALL
DRAWING	HOLE IN THE WALL - SITE PLAN
USE : FOR TENDER PURPOSE	
Drawn	R.Krige
Date	27 July 2021
Scale	1:20000 & 1:750 (A1)

Drawing Number	PROJECT NUMBER					DISC.	DRAWING CODE			REVISION NUMBER		
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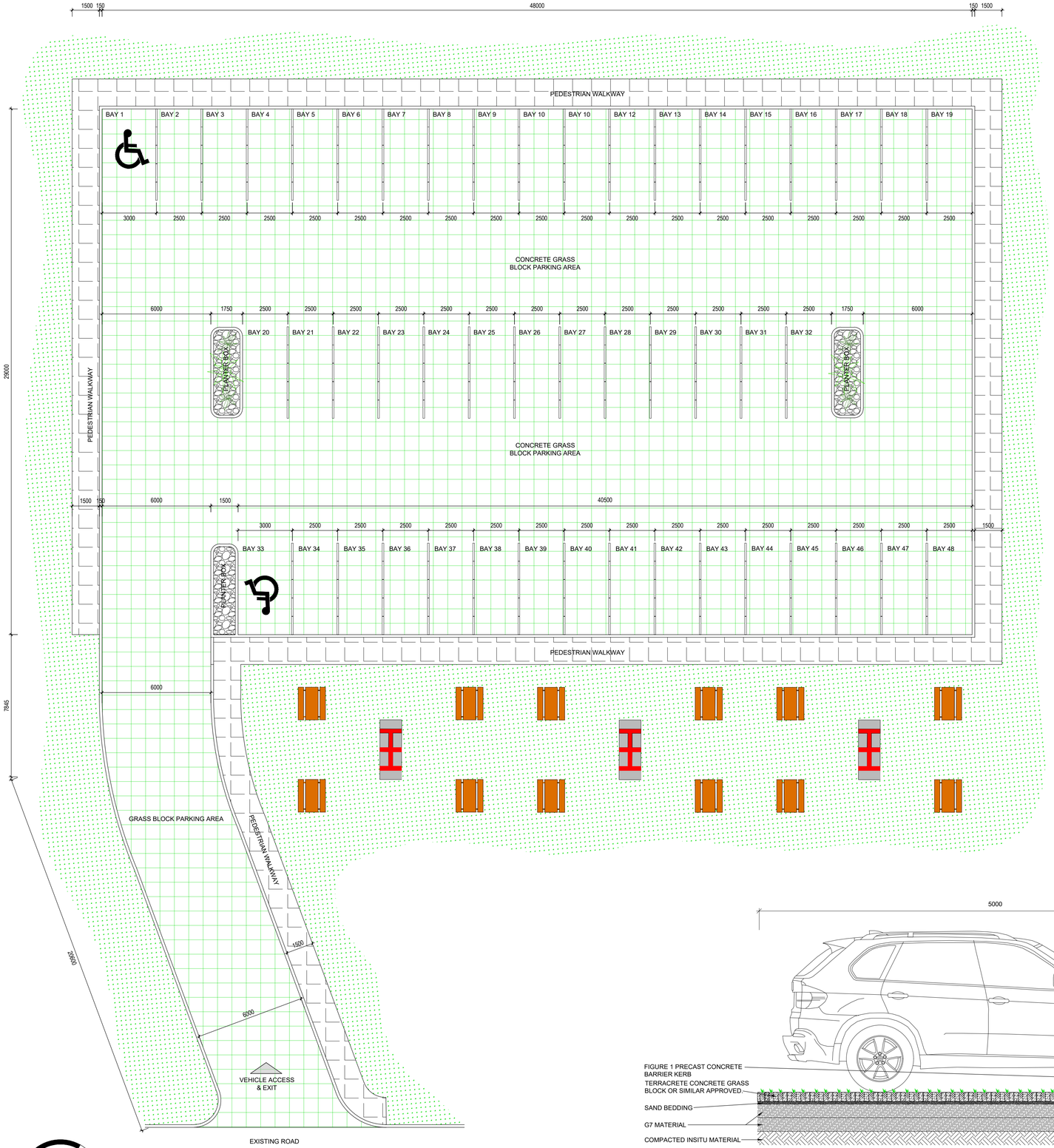
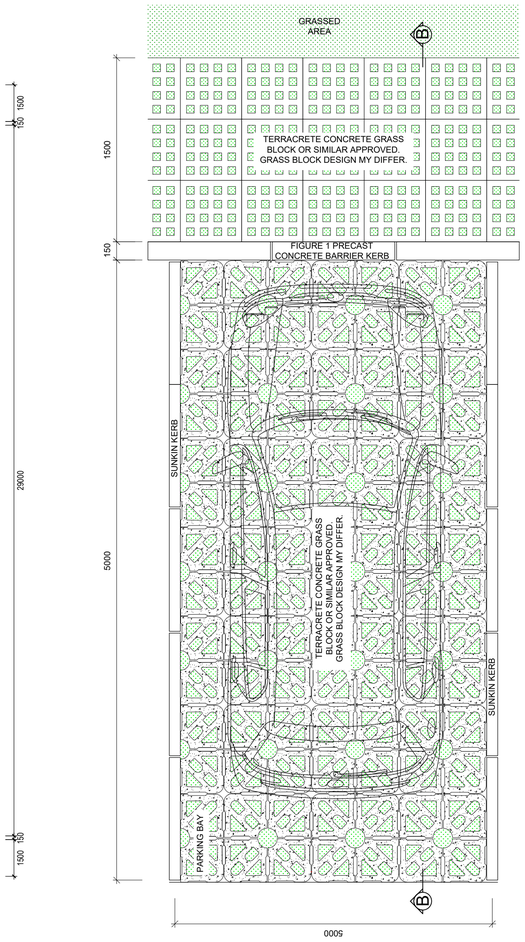
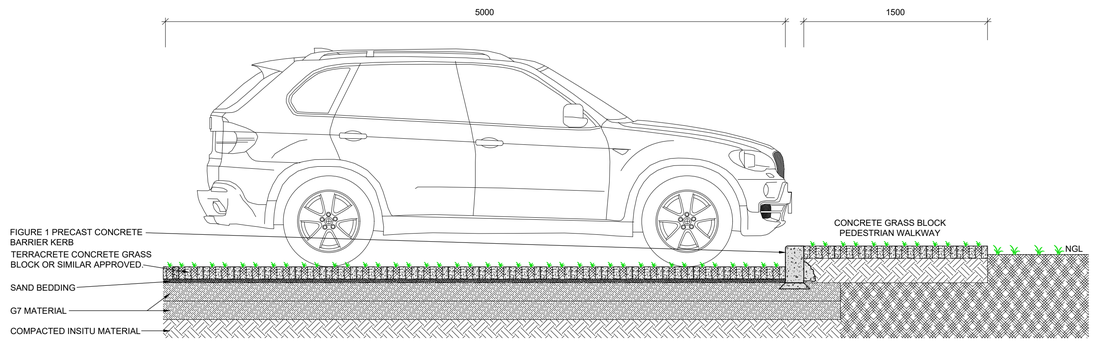


PLAN
HOLE IN THE WALL PARKING AREA No. 1
SCALE 1: 125



PARKING BAY - TYPICAL PARKING BAY LAYOUT
SCALE 1: 125



PARKING BAY - TYPICAL PARKING BAY SECTION
SCALE 1: 125

Description	Quantity
Parking Area	1600m²
No. of Parking Bays	48
No. of Paraplegic Parking Bays	2
Pedestrian Walkway Area	270m²

Rev.	Date	Grid	Description	By	Chkd

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MBB® CONSULTING ENGINEERS (EC)
SACAP Registration No. **PSAT24750998** (Pr S Arch T)
ECSA Registration No. **2018300251** (Pr Tech Eng)

CLIENT	DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT
PROJECT	PROPOSED UPGRADE AND CONSTRUCTION OF COASTAL INFRASTRUCTURE WITHIN THE KING SABATA DALINDYEBO LOCAL MUNICIPALITY, EASTERN CAPE
ERF	48
AREA	HOLE IN THE WALL
DRAWING	HOLE IN THE WALL - PARKING AREA No. 1
USE : FOR TENDER PURPOSE	
Drawn	R.Krige
Date	Nov 2021
Scale	1:3000 & 1:750 (A1)

Drawing Number	PROJECT NUMBER				DISC	DRAWING CODE		REVISION NUMBER		
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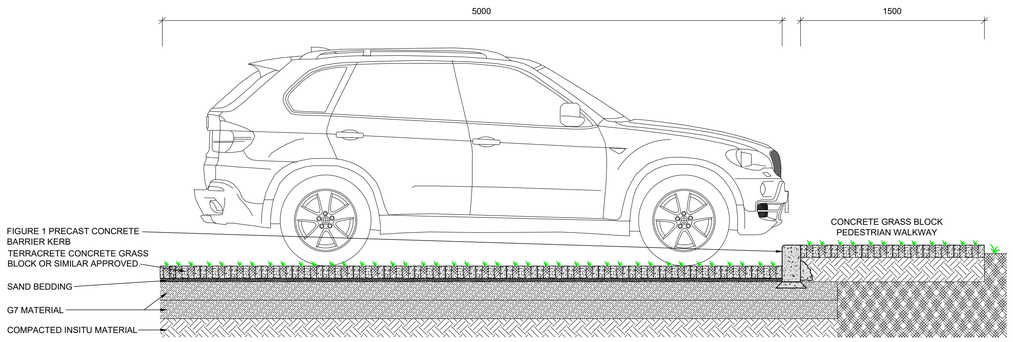
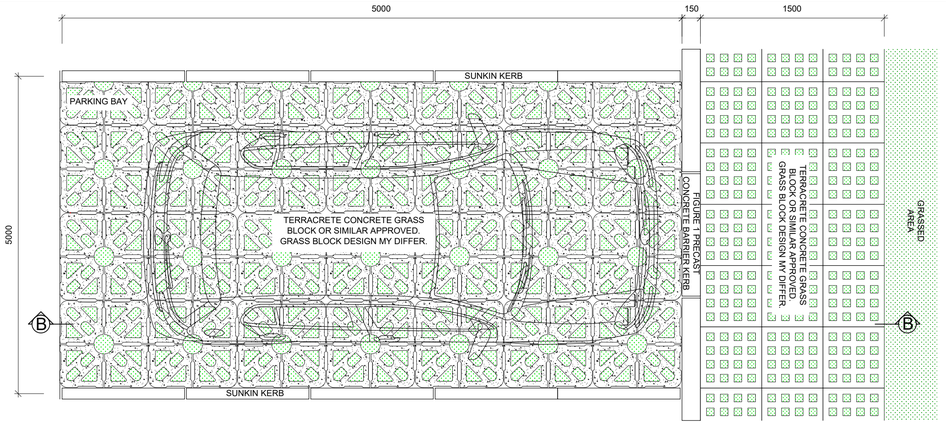
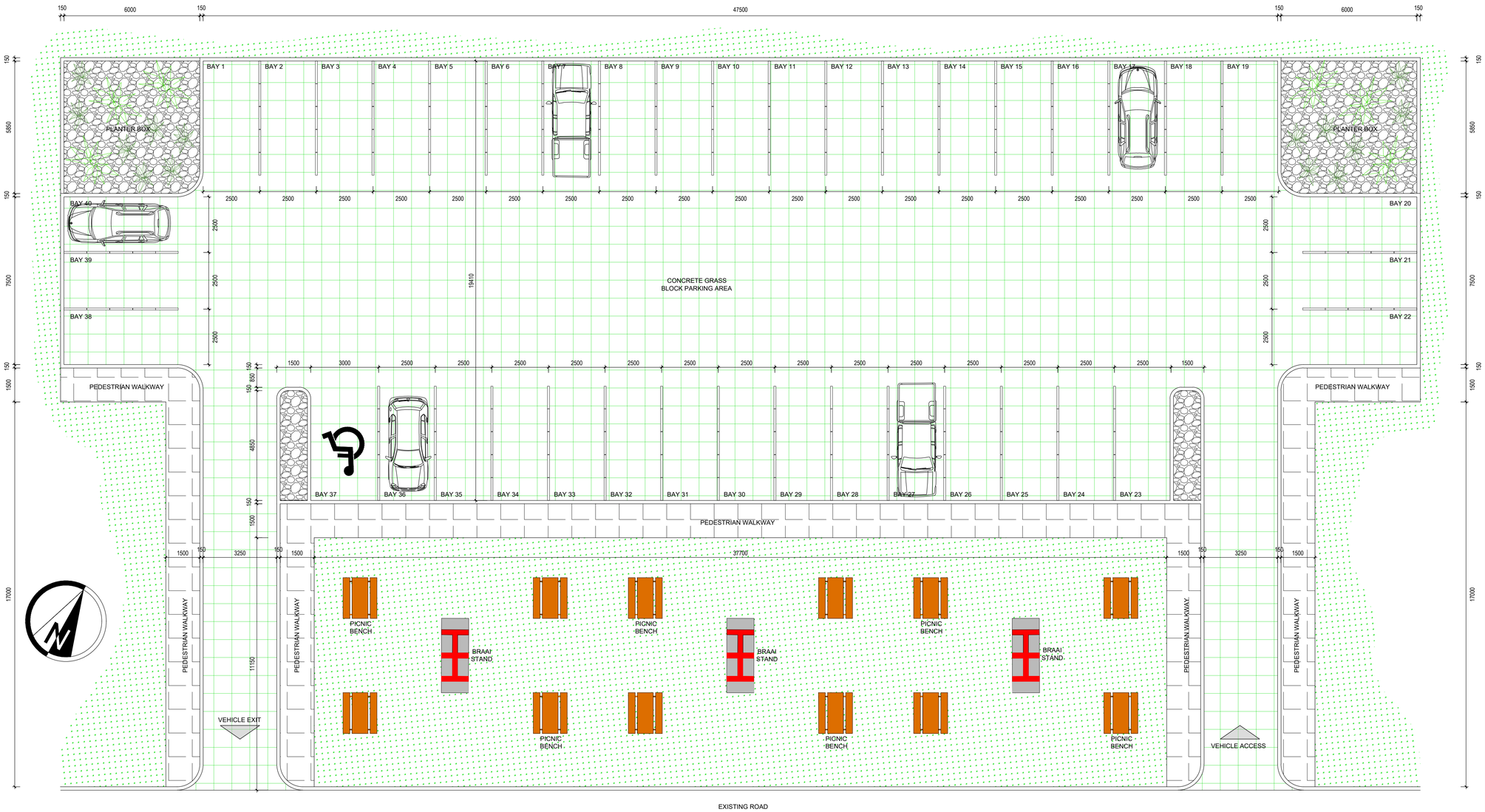


PARKING BAY - TYPICAL PARKING BAY SECTION
SCALE 1: 25



PARKING BAY - TYPICAL PARKING BAY LAYOUT
SCALE 1: 25



PLAN
HOLE IN THE WALL PARKING AREA No. 2
SCALE 1: 100

Description	Quantity
Parking Area	1130m²
No. of Parking Bays	40
No. of Paraplegic Parking Bays	2
Pedestrian Walkway Area	162m²

Rev.	Date	Grid	Description	By	Chkd

Revisions

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SACAP Registration No. **PSAT24750998** (Pr S Arch T)

CLIENT	DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT
PROJECT	PROPOSED UPGRADE AND CONSTRUCTION OF COASTAL INFRASTRUCTURE WITHIN THE KING SABATA DALINDYEBO LOCAL MUNICIPALITY, EASTERN CAPE
ERF	48
AREA	HOLE IN THE WALL
DRAWING	HOLE IN THE WALL - PARKING AREAS No.2
USE : FOR TENDER PURPOSE	
Drawn	R.Krige
Date	27 July 2021
Scale	1:100 & 1:25 (A1)

Drawing Number	PROJECT NUMBER				DISC	DRAWING CODE			REVISION NUMBER		
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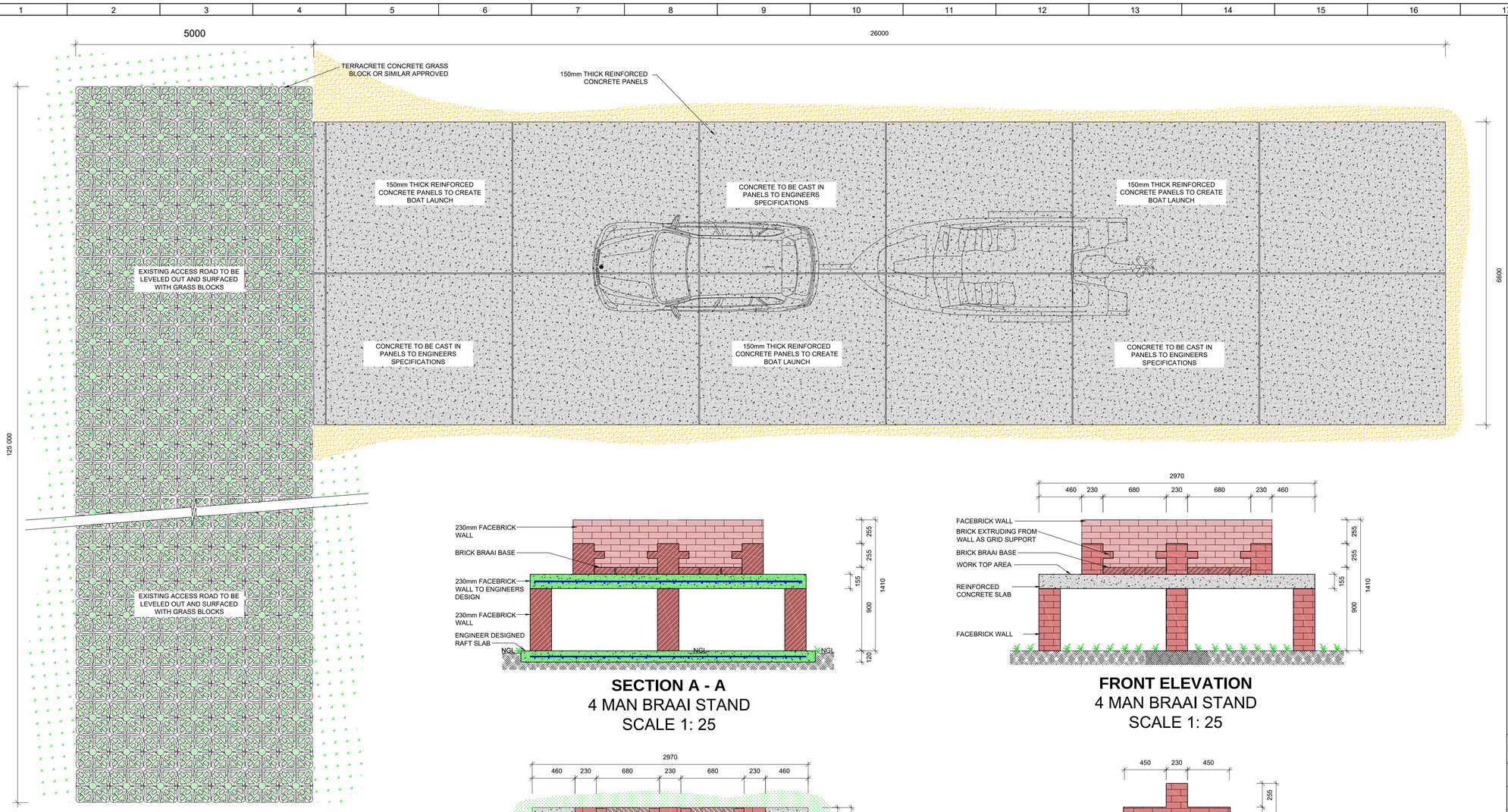
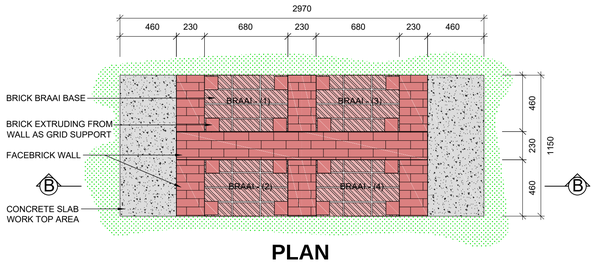


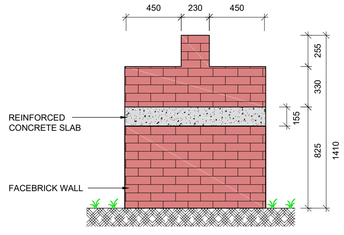
PLAN
ACCESS ROAD AND BOAT LAUNCH PLAN
SCALE 1: 50

SECTION A - A
4 MAN BRAAI STAND
SCALE 1: 25

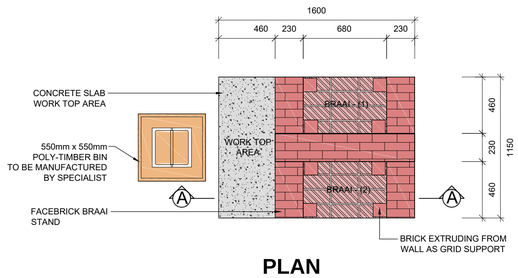
FRONT ELEVATION
4 MAN BRAAI STAND
SCALE 1: 25



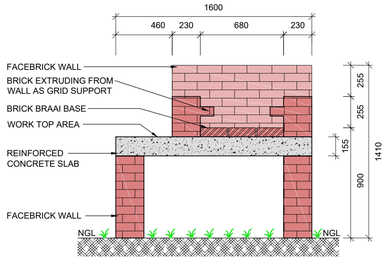
PLAN
4 MAN BRAAI STAND
SCALE 1: 25



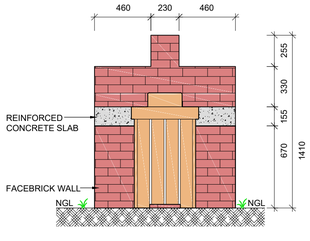
SIDE ELEVATION
4 MAN BRAAI STAND
SCALE 1: 25



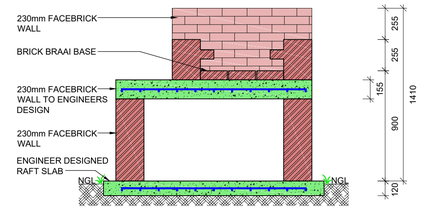
PLAN
2 MAN BRAAI STAND
SCALE 1: 25



FRONT ELEVATION
2 MAN BRAAI STAND
SCALE 1: 25



SIDE ELEVATION
2 MAN BRAAI STAND
SCALE 1: 25



SECTION A - A
2 MAN BRAAI STAND
SCALE 1: 25

Description	Quantity
Area of Grass Block Access Road area	650m²
Area of Concrete Boat Launch	175m²
Number of 4 Man Braai Stands	8
Number of 2 Man Braai Stands	15

Rev.	Date	Grid	Description	By	Chkd

Revisions

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CONSULTING ENGINEERS (EC)

ECSA Registration No. **2018300251** (Pr Tech Eng)

SACAP Registration No. **PSAT24750998** (Pr S Arch T)

CLIENT	DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT
PROJECT	PROPOSED UPGRADE AND CONSTRUCTION OF COASTAL INFRASTRUCTURE WITHIN THE KING SABATA DALINDYEBO LOCAL MUNICIPALITY, EASTERN CAPE
ERF	48
AREA	HOLE IN THE WALL
DRAWING	HOLE IN THE WALL - BRAAI STAND,ACCESS ROAD AND BOAT LAUNCH DETAIL SHEET 1

USE : FOR TENDER PURPOSE

Drawn	R.Krige
Date	Nov 2021
Scale	1:25 (A1)

Drawing Number

PROJECT NUMBER					DISC	DRAWING CODE			REVISION NUMBER		
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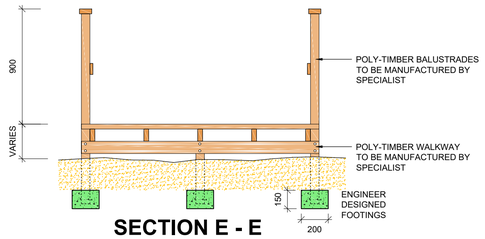
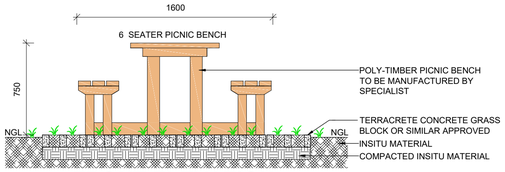
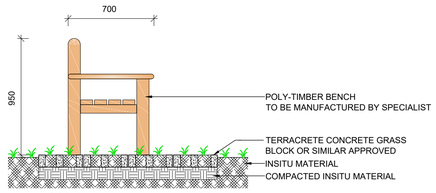


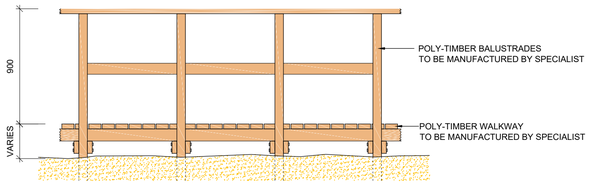
SECTION E - E
POLY-TIMBER WALKWAY
SCALE 1: 25



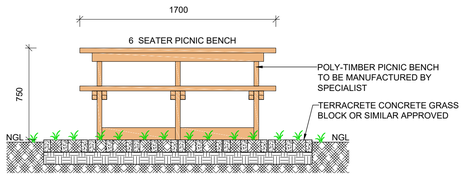
FRONT ELEVATION
PICNIC BENCH
SCALE 1: 25



FRONT ELEVATION
3 SEATER BENCH
SCALE 1: 25



ELEVATION
POLY-TIMBER WALKWAY
SCALE 1: 25



FRONT ELEVATION
PICNIC BENCH
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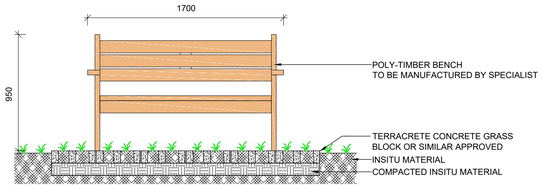
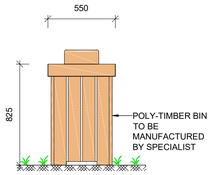
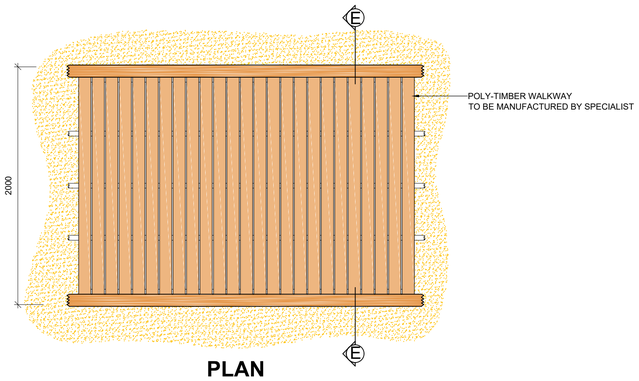


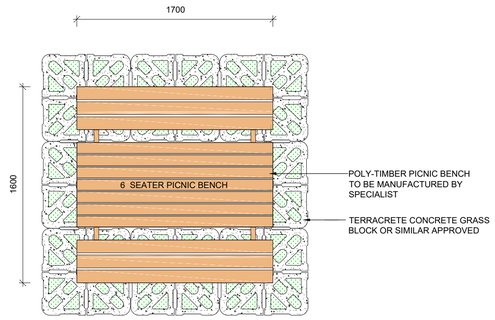
FRONT ELEVATION
3 SEATER BENCH
SCALE 1: 25



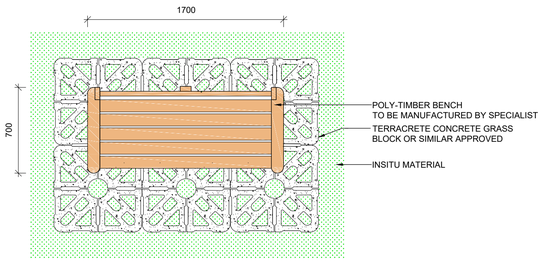
ELEVATION
WASTE BIN
SCALE 1: 25



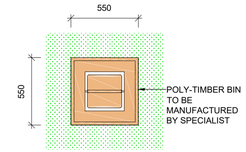
PLAN
POLY-TIMBER WALKWAY
SCALE 1: 25



PLAN
PICNIC BENCH
SCALE 1: 25



PLAN
3 SEATER BENCH
SCALE 1: 25



PLAN
WASTE BIN
SCALE 1: 25

Description	Quantity
Length of Poly-Timber Walkway	100m
Length of Poly-Timber Post & Rail Barrier	30m
Number of Viewing Decks	1

Rev.	Date	Grid	Description	By	Chkd

Revisions

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Civil, Agricultural, Structural, Environmental, Project Management

CONSULTING ENGINEERS (EC)

ECSA Registration No. **2018300251** (Pr Tech Eng)

SACAP Registration No. **PSAT24750998** (Pr S Arch T)

CLIENT	DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT
PROJECT	PROPOSED UPGRADE AND CONSTRUCTION OF COASTAL INFRASTRUCTURE WITHIN THE KING SABATA DALINDYEBO LOCAL MUNICIPALITY, EASTERN CAPE
ERF	48
AREA	HOLE IN THE WALL
DRAWING	HOLE IN THE WALL - DETAIL SHEET 2
USE : FOR TENDER PURPOSE	
Drawn	R.Krige
Date	27 July 2021
Scale	1:50 & 1:5 (A1)

Drawing Number	PROJECT NUMBER					DISC	DRAWING CODE			REVISION NUMBER		
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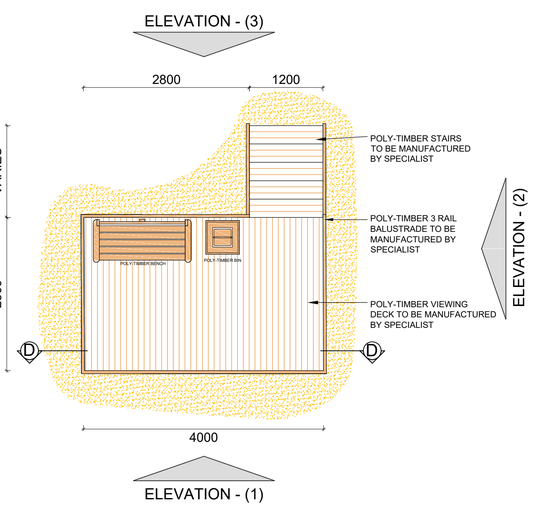
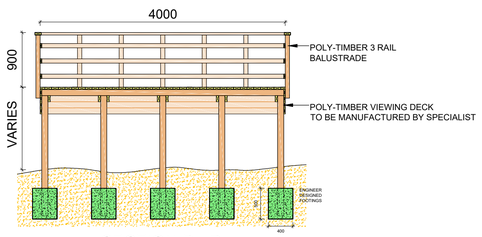
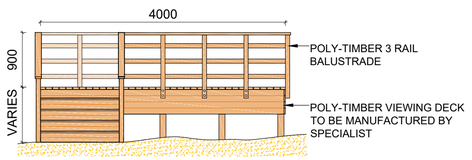


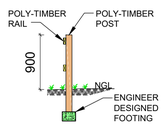
PLAN
VIEWING DECK 1, 2 & 3
SCALE 1: 50



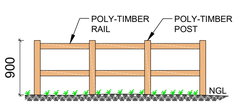
SECTION D - D
VIEWING DECK 1, 2 & 3
SCALE 1: 50



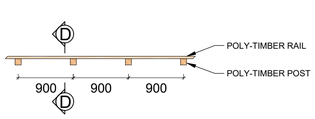
ELEVATION 3
VIEWING DECK 1, 2 & 3
SCALE 1: 50



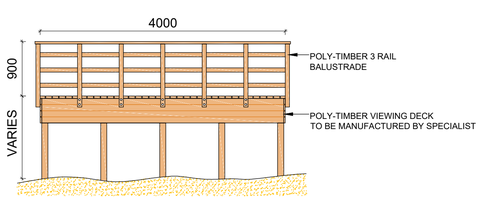
SECTION
SCALE 1: 50



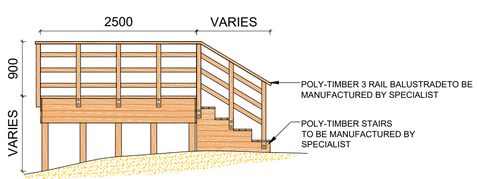
ELEVATION
POST AND RAIL BARRIER
SCALE 1: 50



PLAN
POST AND RAIL BARRIER
SCALE 1: 50



ELEVATION 1
VIEWING DECK 1, 2 & 3
SCALE 1: 50



ELEVATION 2
VIEWING DECK 1, 2 & 3
SCALE 1: 50

Coffee Bay

Baby Hole in the wall

Hole in the wall

1

2

Google Earth
Image © 2022 Maxar Technologies
Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image © 2022 TerraMetrics

STREET LIGHTS

- Introduce road side street lighting.
- ① Approximate installation distance of street lights for Coffee Bay 3.1km
- ② Approximate installation distance of street lights for Hole in the wall is 3.6km

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CONSULTING ENGINEERS (EC)

MBB CONSULTING ENGINEERS

Pr Tech Eng

Date

DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT

PROPOSED UPGRADE AND CONSTRUCTION OF COASTAL INFRASTRUCTURE WITHIN THE KING SABATA DALINDYEBO LOCAL MUNICIPALITY, COFFEE BAY & HOLE IN THE WALL, EASTERN CAPE

COFFEE BAY & HOLE IN THE WALL - PROPOSED STREET LIGHT LAYOUT

USE : FOR INFORMATION

Drawn	R. Krige	Surveyed	.
Date	Oct 2022	Designed	L.Mafuma
Scale	Not To Scale	Checked	P.Nosib

DRAWING NUMBER	PROJECT NUMBER				DISC	STAGE	DRAWING CODE			REVISION NUMBER	
	G	2	8	5	7	C	0	2	0	0	R	0