



forestry, fisheries  
& the environment

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

**TENDER NO: DFFE T082 22/23: THE APPOINTMENT OF A SUITABLY QUALIFIED CONTRACTOR FOR THE DESIGN BUILD OF AN INTEGRATED WASTE MANAGEMENT FACILITY INCLUSIVE OF A COMPOSTING FACILITY, DRY RECYCLABLES FACILITY AND ANCILLARY INFRASTRUCTURE FOR GEORGE LOCAL MUNICIPALITY IN THE WESTERN CAPE OVER 14 MONTHS.**

**PROJECT NAME:**

FORESTRY, FISHERIES AND THE ENVIRONMENT:

VOLUME 1 – TENDERING PROCEDURES

VOLUME 2 – RETURNABLE DOCUMENTS

VOLUME 3 – THE CONTRACT

**TENDER DOCUMENT**

NOVEMBER 2022

ISSUED BY:

DEPARTMENT OF FORESTRY FISHERIES AND THE ENVIRONMENT

PRIVATE BAG X447

473 ENVIRONMENTAL HOUSE, STEVE BIKO ROAD

PRETORIA

0001

**NAME OF THE TENDERER: .....**

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## 1 THE TENDER

### PART T1: TENDERING PROCEDURES

#### T1.1: TENDER NOTICE AND INVITATION TO TENDER

Appointment of a suitably qualified contractor for the Design Build of an integrated waste management facility inclusive of a composting facility, dry recyclables facility and ancillary infrastructure for the George Local Municipality in the Western Cape over a period of 14 months.

Department of Forestry, Fisheries and the Environment (DFFE), invites Professional team with a CIDB registered Contractor grading designation of **6 CE or higher** for the Construction of a composting facility, dry recyclables facility and ancillary infrastructure for a period of 14 months

Bid documents will be available on the e-tender website at [www.etenders.gov.za](http://www.etenders.gov.za), CIDB website at [www.cidb.gov.za](http://www.cidb.gov.za), and DEFF website at [www.dffe.gov.za](http://www.dffe.gov.za) from 11 NOVEMBER 2022.

Queries relating to the issue of these documents may be addressed to:

**Name:** Ms Budu Manaka

or

**Name:** Mr Sivuyile Mtila

**Tel No.** (012) 399 8839/066 336 3098

**Tel No.** (044) 802 2900

**Email:** [bmanaka@dffe.gov.za](mailto:bmanaka@dffe.gov.za)

**Email:** [smtla@george.gov.za](mailto:smtla@george.gov.za)

### A non-compulsory clarification and presentations meeting will take place at:

**VENUE:** Lawaakamp Community Hall, Stanford Mangaliso Street, Lawaakamp, George.

**DATE:** 24 November 2022

**TIME :** 10H00- 12H00

The bids will be evaluated on using three stage system with stage one focusing on initial screening on SCM returnable requirements, stage two focusing on responsiveness to the functionality criteria and stage three focusing on price and BBBEE as outlined in this bid document. Bidders who fail to obtain a minimum 75% for functionality will not be considered further.

**THE CLOSING TIME FOR RECEIPT OF TENDERS IS** 11:00 AM Tenders should be submitted at the DFFE Offices (in the tender box) a

Only Tenders complying with the following requirements will be considered:

- i) The tender is for Consortiums with a contractor who shall have a CIDB contractor rating of **6 CE or higher**.
- ii) Tenders submitted on the prescribed Letter of Tender
- iii) Tenders sealed in envelopes conspicuously marked as follows:

Tender Bid No T082 22-23

Department of Forestry, Fisheries and the Environment

DFFE Head Office Reception

Physical address: The Environment House 473 Steve Biko Road, cnr Soutpansberg and Steve Biko Road,

Pretoria, 0083

Bid Box is situated on Ground Floor, DFFE Office at the above-mentioned address.

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

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

INVITATION TO BID

PART A  
INVITATION TO BID

<b>YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT (DFFE)</b>					
<b>BID NUMBER:</b>	<b>DFFE -T082 22-23</b>	<b>CLOSING DATE:</b>	<b>02 DECEMBER 2022</b>	<b>CLOSING TIME:</b>	<b>11:00 AM</b>
<b>DESCRIPTION</b>	Appointment of a suitably qualified contractor for the design build of an integrated waste management facility inclusive of a composting facility, dry recyclables facility and ancillary infrastructure for the George Local Municipality in the Western Cape over a period of 14 months.				
<b>THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7) OR AGREEMENT OF FORM OF OFFER AND ACCEPTANCE.</b>					
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT <i>DEFF Head Office Reception</i> <i>Physical address: The Environment House 473 Steve Biko Road, cnr Soutpansberg and Steve Biko Road, Pretoria, 0083</i>					
<b>SUPPLIER INFORMATION</b>					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
TAX COMPLIANCE STATUS	TCS PIN:		<b>OR</b>	CSD No:	
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE [TICK APPLICABLE BOX]	<input type="checkbox"/> Yes <input type="checkbox"/> No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT		<input type="checkbox"/> Yes <input type="checkbox"/> 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]**

1. ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN <b>BASED</b> SUPPLIER FOR <b>THE GOODS /SERVICES /WORKS OFFERED?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER PART B:3]
2. TOTAL NUMBER OF ITEMS OFFERED		3. TOTAL BID PRICE	R
4. SIGNATURE OF BIDDER	.....	5. DATE	
6. CAPACITY UNDER WHICH THIS BID IS SIGNED			
<b>BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:</b>		<b>TECHNICAL INFORMATION MAY BE DIRECTED TO:</b>	
DEPARTMENT	DFFE	CONTACT PERSON	Sivuyile Mtila
CONTACT PERSON	Mr Hector Muthabo	TELEPHONE NUMBER	044 802 2900
TELEPHONE NUMBER	012 399 9055	FACSIMILE NUMBER	-
FACSIMILE NUMBER	-	E-MAIL ADDRESS	smtila@george.gov.za
E-MAIL ADDRESS	tenders@dffe.gov.za		

## 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 ONLINE**
- 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, **The International Federation of Consulting Engineers** (commonly known as FIDIC, acronym for its French name Fédération Internationale Des Ingénieurs-Conseils) (FIDIC) CONDITIONS OF CONTRACT (*THE YELLOW BOOK 2017*) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.

#### 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 VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3. APPLICATION FOR THE TAX COMPLIANCE STATUS (TCS) CERTIFICATE OR PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA.
- 2.4. FOREIGN SUPPLIERS MUST COMPLETE THE PRE-AWARD QUESTIONNAIRE IN PART B: 3.
- 2.5. BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
- 2.6. IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- 2.7. WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.

#### 3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS

- 3.1. IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? ☐ YES ☐ NO
  - 3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA? ☐ YES ☐ NO
  - 3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? ☐ YES ☐ NO
  - 3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? ☐ YES ☐ NO
  - 3.5. 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 ABOVE.**



**NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE.**

**SIGNATURE OF BIDDER:**

.....

**CAPACITY UNDER WHICH THIS BID IS SIGNED:**

.....

**DATE:**

.....

### **IMPORTANT NOTICE**

Bidders should ensure that bids are delivered timeously to the correct address. If the bid is late, it will not be accepted for consideration.

The bid box is open, 5 days a week, Monday to Friday, between 08h00 – 16h00.

The bid box is located at DFFE Head Office Reception

Physical address: The Environment House 473 Steve Biko Road, cnr Soutpansberg and Steve Biko Road, Pretoria, 0083

All bids must be submitted on the official forms – (not to be re-typed)

All bidders must sign a security tender register when submitting their tender documents

Writing must be in block letters and black ink.

This bid is subject to the Preferential Procurement Policy Framework Act and the Preferential Procurement Regulations, 2017, The FIDIC Conditions of Contract (The Yellow Book 2017) and, any other special conditions of contract specified by DFFE.

### **TECHNICAL ENQUIRIES**

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

<b>Name:</b> Ms Budu Manaka	<b>Name:</b> Mr Sivuyile Mtila
<b>Tel No.</b> (012) 399 8839/ 066 336 3098	<b>Tel No.</b> (044) 802 2900
<b>Email:</b> <a href="mailto:bmanaka@dfpe.gov.za">bmanaka@dfpe.gov.za</a>	<b>Email:</b> <a href="mailto:smtila@george.gov.za">smtila@george.gov.za</a>

## **T1.2 PROJECT DESCRIPTION**

### **DESCRIPTION OF THE WORKS**

Appointment of a suitably qualified contractor for the Design Build of an integrated waste management facility inclusive of a composting facility, dry recyclables facility and ancillary infrastructure for the George Local Municipality in the Western Cape over a period of 14 months.

The Responsive companies must have successfully completed construction related projects, with a minimum value of R15 million each, including VAT or more in the past 10 years.

The following items of work will be included in the project as required:

1. PLATFORM 1 (INCLUDING ACCESS ROADS)

- 1.1 Platforms 1B (6338 m<sup>2</sup>)
- 1.2 Stormwater channels (310 m)
- 1.3 Access roads (960 m<sup>2</sup>)

2. PLATFORM 2 (INCLUDING ACCESS ROADS)

- 2.1 Platforms (18762 m<sup>2</sup>)
- 2.2 Stormwater channels (416 m)
- 2.3 Access roads (1530 m<sup>2</sup>)

3. RETENTION POND

- 3.1 Retention Pond
- 3.2 Stormwater Channels (280 m)

4. ANCILLARY INFRASTRUCTURE

- 4.1 Ablution at composting facility
- 4.2 Office at composting facility
- 4.3 Water & electrical services
- 4.4 Storage shed
- 4.5 Fencing (1000 m)
- 4.6 Parking (150 m<sup>2</sup>)

5. NEW DRY RECYCLING FACILITY

- 5.1 New dry recycling facility

6. UPGRADES TO TRANSFER STATION

- 6.1 Offices and ablutions for security

7. PROJECT MANAGEMENT AND ADMINISTRATION

- 7.1 Overall project Management
- 7.2 Site management
- 7.3 Obtain all Municipal Approvals as required for the project

8. DESIGN AND SUPERVISION OF CONSTRUCTION WORKS

- 8.1 Design of construction works
- 8.2 Supervision of construction works

## PART T1: TENDERING PROCEDURES

### T1.3 TENDER DATA

Clause number	Tender Data
	<p>The conditions of tender are the Standard Conditions of Tender (Annex C as published/ amended by CIDB in August 2020) 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 <a href="http://www.cidb.org.za">www.cidb.org.za</a>).</p> <p>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.</p> <p>Each item of tender data given below is cross-referenced to the clause in the standard conditions of tender to which it mainly applies.</p>
C.1.1	The employer is the <b>Department of Forestry, Fisheries, and the Environment</b>
C.1.2	<p>For this contract, the three-volume approach is adopted:</p> <p>This procurement document has been formatted and compiled under the headings as contained in the CIDB's "Standard for Uniformity in Construction Procurement."</p> <p><b>Volume 1: Tendering procedures</b></p> <p>T1.1 - Notice and invitation to tender</p> <p>T1.2 - Tender data</p> <p><b>Volume 2: Returnable documents</b></p> <p>T2.1 - List of returnable documents</p> <p>C1.1 - Form of offer and acceptance</p> <p>C2.2 - Bills of Quantities / Lump sum document</p> <p>T2.2 - Returnable schedules</p> <p><b>Volume 3: Contract</b></p> <p><b>Part C1 - Agreements and Contract data</b></p> <p>C1.1 – Form of offer and acceptance</p> <p>C1.2 – Contract data</p> <p>C1.3 – Construction form of guarantee</p>

Clause number	Tender Data
	<p><b>Part C2 - Pricing Data</b></p> <p>C2.1 – Pricing Instructions</p> <p>C2.2 – Bills of Quantities / Lump sum document</p> <p><b>Part C3 - Scope of Works</b></p> <p>C3.1 – Description of the works</p> <p>C3.2 – Construction</p> <p><b>Part C4 - Site Information</b></p>
C.1.4	<p>The Employer's agent for the purpose of this tender is deemed to be the authorised and designated representative of the Employer:</p> <p><b>Name:</b> Ms Budu Manaka</p> <p><b>Tel No.</b> (012) 399 8839/066 336 3098</p> <p><b>Email:</b> <a href="mailto:bmanaka@dfpe.gov.za">bmanaka@dfpe.gov.za</a></p> <p>Or</p> <p><b>Name:</b> Mr Sivuyile Mtila</p> <p><b>Tel No.</b> (044) 802 2900</p> <p><b>Email:</b> <a href="mailto:smtila@george.gov.za">smtila@george.gov.za</a></p>
C.1.5	<b>Cancellation and Re-Invitation of Tenders</b>
C.1.5.1	<p>An employer may, prior to the award of the tender, cancel a tender if-</p> <ul style="list-style-type: none"> <li>a) due to changed circumstances, there is no longer a need for the engineering and construction works specified in the invitation.</li> <li>b) funds are no longer available to cover the total envisaged expenditure; or</li> <li>c) no acceptable tenders are received.</li> <li>d) there is a material irregularity in the tender process.</li> </ul>
C.1.5.2	<p>The decision to cancel a tender invitation must be published in the same manner in which the original tender invitation was advertised</p>
C.1.5.3	<p>An employer may only with the prior approval of the relevant treasury cancel a tender invitation for the second time.</p>
C.1.6	<b>Procurement procedures</b>

Clause number	Tender Data
C.1.6.1	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	<b>Competitive negotiation procedure</b>
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	<p>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.</p> <p>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.</p>
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.
<b>C.2</b>	<b>Tenderer's obligations</b>
C.2.1	<p><b>Eligibility</b></p> <p>Only those tenderers who satisfy the following criteria are eligible to submit tenders:</p> <p><b>a) CIDB registration</b></p> <p>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 <b>6 CE or Higher</b> class of construction work.</p>

Clause number	Tender Data
	<p>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. <b>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.</b></p> <p>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.</p> <p>Joint Ventures are eligible to submit tenders provided that:</p> <ol style="list-style-type: none"> <li>every member of the joint venture is registered with the CIDB;</li> <li>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</li> <li>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 <b>6 CE or higher</b> 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.</li> </ol>
C.2.1.1	<p>Only those bidders who satisfy the following eligibility criteria are eligible to submit bids:</p> <ol style="list-style-type: none"> <li>Availability of resources</li> <li>Availability of skills to manage and perform the contract – including staff which satisfies EPWP requirements (see further requirements under C.3.1.4)</li> <li>Previous experience on contracts of a similar value and nature</li> <li>A letter on the companies' letterhead stating that the contractor has sufficient capacity to execute the project</li> </ol>
C.2.2	<p>Eligibility</p> <p><b>b) Risk to Employer</b></p>

Clause number	Tender Data
	<p>Provisions applicable to Evaluation Method 1 and 2:</p> <p>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. A tender offer will be declared non-responsive and removed from any further evaluation if any one criterion is found to present an unacceptable risk to the Employer.</p> <p>For the evaluation reports to be prepared by the Professional Team, the Tenderer is obliged to provide comprehensive information on the form for the (Particulars of tender's 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.</p> <p>Technical risks:</p> <p>a) Criterion 1: Quality of current and previous work</p> <p>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 (Particulars of tender's projects).</p> <p>b) Criterion 2: Contractual commitment</p> <p>Adherence to contractual commitments, demonstrated by the Tenderer in the performance on current and previous work, evaluated in terms of:</p> <ol style="list-style-type: none"> <li>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.</li> <li>2) the degree to which previous projects have been completed within the contractual completion periods and/or extensions thereto; and</li> <li>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.</li> </ol> <p>c) Criterion 3: Commercial risks</p>



Clause number	Tender Data
	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.2.2.1. and C.3.9
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	<p><b>Cost of Tender</b></p> <p>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.</p>
C.2.3	<p><b>Check documents</b></p> <p>Check the tender documents on receipt for completeness and notify the employer of any discrepancy or omission.</p>
C.2.4	<p><b>Confidentiality and copyright of documents</b></p> <p>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.</p>
C.2.6	<p><b>Acknowledge addenda</b></p> <p>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.</p>
C.2.7	<p><b>Seek clarification</b></p> <p>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.</p>
C.2.8	<p><b>Insurance</b></p> <p>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.</p>
C.2.9	<p><b>Pricing the tender offer</b></p>
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	<p><b>Alterations to documents</b></p>

Clause number	Tender Data
	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	<b>Alternative tender offers</b> No alternative tender offers will be considered
C.2.13	<b>Submitting a tender offer</b>
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 and each copy of the tender offer as separate packages marking the packages as <b>"ORIGINAL" and "COPY"</b> . 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	Bidders are requested to deliver the submission in two envelopes. The Employer's address for delivery of tender offers and identification details to be shown on each tender offer package are:  <b>Title to appear on envelope one (1):</b>  1. CONTRACT NO.: ..... ( <b>TECHNICAL PROPOSALS</b> )  <b>The appointment of a suitably qualified contractor for the Design Build of an integrated waste management facility inclusive of a composting facility, dry recyclables facility and ancillary infrastructure for the George Local Municipality in the Western Cape over a period of 14 months, on behalf of the Department of Forestry, Fisheries and the Environment.</b>

Clause number	Tender Data
	<p>This envelope must contain the Returnables, SCM Documentation and Relevant Annexures. This envelope must contain <b>printed copies</b> of all the pages in this document, duly completed and signed, <b>but excluding the pricing schedules (schedule of quantities), which must be submitted in a separate envelope as detailed below.</b></p> <p><b>Title to appear on envelope two(2):</b></p> <p>2. CONTRACT NO.: ..... <b>(FINANCIAL PROPOSALS)</b></p> <p><b>The appointment of a suitably qualified contractor for the Design Build of an integrated waste management facility inclusive of a composting facility, dry recyclables facility and ancillary infrastructure for the George Local Municipality in the Western Cape over a period of 14 months, on behalf of the Department of Forestry, Fisheries and the Environment.</b></p> <p>This envelope will contain the Pricing Schedules (Bills of Quantities) AND Contract Agreement</p> <p>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.</p> <p><b>Location of tender box:</b> Ground Floor of the Department of Forestry, Fisheries and Environment</p> <p><b>Physical address:</b> Location of tender box: DFFE Head Office Reception</p> <p><b>Physical address:</b> 473 Steve Biko Road, Arcadia, 0083</p> <p><b>Identification details:</b> TENDER BOX</p>
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.
C.2.14	<p><b>Information and data to be completed in all respects</b></p> <p>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.</p>
C.2.15	<p><b>Closing time</b></p> <p>The closing time for submission of tender offers is <b>11H00.</b></p>

Clause number	Tender Data
	The <b>Department of Forestry, Fisheries and the Environment</b> 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	<b>Clarification of tender offer after submission</b> 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	<b>Inspections, tests and analysis</b> Provide access during working hours to premises for inspections, tests and analysis as provided for in the tender data.
C.2.20	<b>Submit securities, bonds and policies</b> 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 with his/her tender all documents and schedules listed under T2.1 and T2.2.
C.2.24	<b>Canvassing and obtaining of additional information by tenderers</b> 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.

Clause number	Tender Data
C.2.25	<p>Prohibitions on awards to persons in service of the state</p> <p>The Employer is prohibited to award a tender to a person -</p> <ul style="list-style-type: none"> <li>a) who is in the service of the state; or</li> <li>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</li> <li>c) a person who is an advisor or consultant contracted with the Department.</li> </ul> <p><b>In the service of the state</b> means to be -</p> <ul style="list-style-type: none"> <li>a) a member of:- <ul style="list-style-type: none"> <li>• any municipal council;</li> <li>• any provincial legislature; or</li> <li>• the National Assembly or the National Council of Provinces;</li> </ul> </li> <li>b) a member of the board of directors of any municipal entity;</li> <li>c) an official of any municipality or municipal entity;</li> <li>d) an employee of any national or provincial department;</li> <li>e) provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999);</li> <li>f) a member of the accounting authority of any national or provincial public entity; or</li> <li>g) An employee of Parliament or a provincial legislature.</li> </ul> <p>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.</p>
<b>C.3</b>	<b>The employer's undertakings</b>
C.3.1	<p><b>Respond to requests from the tenderer</b></p> <p>The Employer will respond to requests for clarification received up to five (5) working days before the tender closing time.</p>
C.3.2	<p><b>Issue Addenda</b></p> <p>Addenda will be issued until five (5) working days before the tender closing time.</p>
C.3.5	<p>The time and location for opening of the tender offers are:</p> <p><u>02 DECEMBER 2022 11:00</u> at the <b>Department of Forestry, Fisheries and</b></p>

Clause number	Tender Data
	<b>the Environment:</b> Head Office Reception Physical address: 473 Steve Biko Road, Arcadia, 0083
C.3.9	<b>Arithmetical errors, omissions and discrepancies</b>
C.3.9.1	<p>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.3.11 for:</p> <ul style="list-style-type: none"> <li>a) the gross misplacement of the decimal point in any unit rate;</li> <li>b) omissions made in completing the pricing schedule or bills of quantities; or</li> <li>c) arithmetic errors in: <ul style="list-style-type: none"> <li>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.</li> </ul> </li> </ul>
C.3.9.2	<p>The arithmetical errors shall be corrected in the following manner:</p> <ul style="list-style-type: none"> <li>a) Where there is a discrepancy between the amounts in words and amounts in figures, the amount in words shall govern.</li> <li>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.</li> <li>c) Where there is an error in the total of the prices either as a result of other</li> </ul> <p>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.</p> <p>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.</p>
C.3.11	<p><b>Functionality, Price and Preference</b></p> <p>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.</p> <p>The evaluation of bids will be undertaken in 4 stages.</p>
	<p>The Tenderer is required to submit with his tender:</p> <ul style="list-style-type: none"> <li>1) A valid Tax Clearance / Compliance Certificate, or a unique security Personal Identification number (PIN) issued by the South African Revenue Services (where Consortium / Joint Venture / Sub-contractors /</li> </ul>

Clause number	Tender Data
	<p>Sub-consultants are involved, each party to the association must submit a separate Valid Tax Clearance / Compliance Certificate or a unique security personal Identification number;</p> <ol style="list-style-type: none"> <li>2) A Certificate of the Contractors Registration issued by the Construction Industry Development Board for grading 6CE or higher or a copy of the application Form for Registration in terms of the Construction Industry Development Board Act (Form F006)</li> <li>3) Refer to Part T2.1 of this Procurement Document for a list of all additional documents that are to be returned with the tender.</li> <li>4) The CV and qualifications of the proposed resources or expert proposed on Forms below.</li> <li>5) Standard bidding documents</li> <li>6) Vendor Number Registration with Central Supplier Database.</li> <li>7) Annual Financial Statements for the past three (3) years, or if established for a shorter period, submit audited financial statements from date of establishment.</li> </ol> <p>If the bidder is not obliged by law to prepare annual financial statements for auditing purposes they shall submit their Public Interest Score (PIS) with their Financial Statements for the previous three financial years or since establishment.</p> <p>PIS score as follows:</p> <ul style="list-style-type: none"> <li>- Above 350, Financial Statements to be audited,</li> <li>- 100-349 Financial Statements must have an Independent review, and</li> <li>- Less than 100, Accounting Officer report to be completed by an Independent Practitioner.</li> </ul> <ol style="list-style-type: none"> <li>8) Letter of good standing with COIDA or FEMA</li> <li>9) Joint venture/ Sub- Contracting- (if applicable)</li> </ol> <p>All the companies operating as Joint Ventures, the following must be complied to:</p> <p>A sub-contracting or joint venture agreement signed by all parties must be submitted. This agreement must explain the roles and responsibilities of all parties including the nominated signatory on behalf of the JV.</p> <ul style="list-style-type: none"> <li>• <b>All parties to submit all relevant <u>documents listed above.</u></b></li> <li>• Every member of the joint venture must be registered with CIDB and submit proof that their CIDB registration is active</li> <li>• The lead partner must have a contractor grading designation of 5 CE or higher class of construction work; and the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations must be equal to or higher than a contractor grading designation for a 6 CE or higher class of construction work.</li> </ul> <p><b>NB: It is the condition of this bid that the successful bidder will continue with same contractor or JV partner for the duration of the contract.</b></p>

Clause number	Tender Data																														
	<p><b>Method 2 Functionality, Price and Preference</b></p> <p>The procedure for the evaluation of responsive tenders is Method 2</p> <p>The financial offer will be scored using Formula 2 (option 1) using appropriate formula, depending on whether Contract amount is Less than OR More than R50 000 000 as follows: -</p> <p>THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS</p>																														
	<p>A maximum of 80 or 90 points is allocated for price on the following basis: 80/20 or 90/10</p> $P_s = 80 \left( 1 - \frac{P_t - P_{\min}}{P_{\min}} \right) \qquad \text{or} \qquad P_s = 90 \left( 1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$ <p>Where</p> <p>Ps = Points scored for price of bid under consideration</p> <p>Pt = Price of bid under consideration</p> <p>Pmin = Price of lowest acceptable bid</p> <p>In terms of Regulation 5 (2) and 6 (2) of the Preferential Procurement Regulations, preference points must be awarded to a Bidder for attaining the B-BBEE status level of contribution in accordance with the table below:</p> <table><tr><th>B-BBEE Status Level of Contributor</th><th>Number of points (90/10 system)</th><th>Number of points (80/20 system)</th></tr><tr><td>1</td><td>10</td><td>20</td></tr><tr><td>2</td><td>9</td><td>18</td></tr><tr><td>3</td><td>6</td><td>14</td></tr><tr><td>4</td><td>5</td><td>12</td></tr><tr><td>5</td><td>4</td><td>8</td></tr><tr><td>6</td><td>3</td><td>6</td></tr><tr><td>7</td><td>2</td><td>4</td></tr><tr><td>8</td><td>1</td><td>2</td></tr><tr><td>Non-compliant contributor</td><td>0</td><td>0</td></tr></table>	B-BBEE Status Level of Contributor	Number of points (90/10 system)	Number of points (80/20 system)	1	10	20	2	9	18	3	6	14	4	5	12	5	4	8	6	3	6	7	2	4	8	1	2	Non-compliant contributor	0	0
B-BBEE Status Level of Contributor	Number of points (90/10 system)	Number of points (80/20 system)																													
1	10	20																													
2	9	18																													
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4	5	12																													
5	4	8																													
6	3	6																													
7	2	4																													
8	1	2																													
Non-compliant contributor	0	0																													
	<p>Bid offers will only be accepted on condition that:</p> <ul style="list-style-type: none"><li>a) The bidder is not under restrictions, or has principals who under restrictions, preventing participating in the employer’s procurement.</li><li>b) The bidder can as necessary, and in relation to the proposed contract, demonstrate that he or she possesses the professional and technical qualifications, professional and technical competencies, financial resources, equipment and other physical facilities, managerial capability, reliability, experience and reputation, expertise and the personnel, to perform the contract.</li><li>c) The bidder has in his or her possession a unique security personal identification number (PIN) issued by the South African Revenue Services.</li><li>d) The bidder is registered with the Construction Industry Development Board in an appropriate contractor grading designation.</li></ul>																														



Clause number	Tender Data
	<p>e) The bidder has the legal capacity to enter into the contract.</p> <p>f) The bidder is not insolvent, in receivership, under Business Rescue as provided for in chapter 6 of Companies Act, 2008, bankrupt or being wound up, has his affairs administered by a court or a judicial officer, has suspended his business activities, or is subject to legal proceedings in respect of the foregoing.</p> <p>g) 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.</p> <p>h) The bidder has not:</p> <p>i. abused the Employer's Supply Chain Management System; or failed to perform on any previous contract and has been given a written notice to this effect.</p>
	<p><b>Evaluation Criteria:</b></p> <p>i) This Project is estimated to have a cost of LESS than R50, 000, 000.00 and consequently the Tender proposals will be evaluated in accordance with the 80/20 preference point system, as contemplated in the Preferential Procurement Policy Framework Act (Act 5 of 2000) as amended in 2017.</p> <p>ii) A minimum of 30% of the value of this contract, excluding escalation and contingencies, must be allocated to the development of the EME Contractors and Local labour, where the project cost is more than R30, 000, 000 (Thirty Million Rand Only).</p> <p>iii) The points out of 80 will be calculated on the basis of price and 20 points on BBB-BEE status as shown below.</p> <p>iv) The Functionality Evaluation is indicated below and a full Assessment schedule is on page 33-36.</p> <p>v) Experience of the Company and Project Team in terms of the stated requirements of the project.</p> <p>vi) Track record/ potential of the tendering company/ firm to serve as a stable contractual partner.</p> <p>vii) Price as per proposal submission</p> <p>viii) The B-BBEE Preference Benefit and Financial Plans of the Bidders who pass the FUNCTIONAL EVALUATION Phase will be evaluated for ward of the contract.</p> <p>ix) The point out of 20 will be allocated as contemplated in in the Preferential Procurement Policy Framework Act, 2017 and in line with the Construction Sector Codes.</p> <p>x) The evaluation of Bids will be undertaken in terms of the PFMA</p> <p>The tender process requires the technical and pricing proposals to be submitted. Weighting with respect to response evaluation will be applied according to the following broad guidelines:</p>

Clause number	Tender Data
C.3.13.1	<p>Tender offers will only be accepted on condition that:</p> <ul style="list-style-type: none"> <li>i) the tenderer is registered with the Construction Industry Development Board in an appropriate contractor grading designation;</li> <li>j) 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;</li> <li>k) the bidder has not: <ul style="list-style-type: none"> <li>ii. abused the Employer's Supply Chain Management System; or</li> <li>iii. failed to perform on any previous contract and has been given a written notice to this effect.</li> </ul> </li> <li>l) Has completed the Compulsory Enterprise Questionnaire, SBD4, 6.1, , 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</li> <li>m) Has submitted the documentation listed in T2.21 and T2.22</li> </ul>
C.3.18	<p><b>The number of paper copies of the signed contract to be provided by the employer is ONE.</b></p>

#### T1.4 QUALIFICATION OF ELIGIBILITY

- a) A valid copy of the Tax Clearance Certificate/ Tax Compliance Status Pin issued by SARS to the supplier/ copy of Central Supplier Database (CSD)/ MA supplier Number must be submitted together with the bid.
- b) In case of bids where Consortia / Joint Ventures / Sub-contractors are involved, such must be clearly indicated and each party must submit a separate Tax Clearance Certificate or copy of Tax Compliance Status Pin or CSD/ MA supplier Number together with the bid.
- c) Bidder should submit a valid Tax Clearance Certificate/ Tax Compliance Status Pin/copy of CSD/ MA Number.
- d) A foreign recommended bidder with neither South African tax obligation nor history of doing business in South Africa must complete Standard Bidding Document (SBD 1) and the information must be submitted to SARS on the following email [governmentinstitute@sars.gov.za](mailto:governmentinstitute@sars.gov.za) to issue a confirmation of the tax obligation letter in terms of paragraph 3.6 of the instruction note no 9 of 2017/18.
- e) Please take note that DFFE is not bound to select any of the firms submitting proposals. DFFE reserves the right not to award any of the bids and not to award the contract to the lowest bidding price.
- f) Bidders must score a minimum of 75% (The minimum qualifying score that must be obtained for functionality in order for a tender to be considered further should not be generic. It should be determined separately for each tender on a case-by-case basis. The minimum qualifying score must not be prescribed so low that it may jeopardize the quality of the service required nor so high that it may be restrictive to the extent that it jeopardizes the fairness of the SCM system).
- g) The bid proposals should be submitted with all required information containing technical information.
- h) Tenderers must submit two identical proposals (**two envelopes**) for each bid clearly marked “**original**” and “**copy**”. First envelope **marked original** to include technical proposal (**original and copy of technical**) and the second envelope marked **copy** to include financial proposal (**original and copy of financials**).

First envelope with the technical proposal including the following:

- A valid copy of the Tax Clearance Certificate or Tax Compliance Status Pin issued by SARS or copy of CSD/ MA Number.
- Entity registration Certificate (CK1).
- Valid COID certificate issued by the Department of Labour OR Federated Employers Mutual Assurance Company FEMA Certificate of compliance with Occupational Health and Safety Act 1993 and Construction Regulations 2014.
- A response to the terms of reference.
- Profile of the company and description of similar work undertaken.
- Numbers, names and CVs of proposed experts/ consultants assigned to the project, including their roles and responsibilities, supported by certified copies of qualifications where required.
- Agreement between service providers in the case of a joint venture/ Consortium.
- Letter of authority to sign documents on behalf of the company/ joint venture/ consortium.

The second envelope with the financial proposal (pricing schedule or other spreadsheets with all cost related items, cost breakdown) (original). No financials should be included in the technical proposal (envelope).

The following information must be endorsed on each envelope:

- Bid number:
  - Closing date:
  - Name of the Bidder:
  - Technical Proposal and Financial Proposal.
- i) The evaluation of bids can only be done on the basis of information required by the DFFE.
- j) The tenderer is required to submit a BEE Verification Certificate in accordance with the Construction Sector Codes of Practice promulgated in Gazette 32305 on 5 June 2009 (see Returnable Schedule). See also [www.sanas.co.za](http://www.sanas.co.za) for details of accredited Verification Agencies. Up to 100 tender evaluation points will be awarded to tenderers who submit responsive tenders and who are found to be eligible for the preference claimed. Points are based on a tenderer's scorecard measured in terms of the Broad-Based Black Economic Empowerment Act (B-BBEE, Act 53 of 2003) and the Regulations (2017) to the Preferential Procurement Policy Framework Act (PPPFA, Act 5 of 2000).
- k) Tenderers are requested to submit the original and valid B-BBEE Status Level Verification Certificate or certified copies thereof issued by verification agencies accredited by South African National Accreditation System (SANAS) only or DTI SWORN Affidavit certified by Commissioner of Oath together with their bids, to substantiate their B-BBEE rating claims, failing which the B-BBEE preference points claimed will be forfeited.
- l) A trust, consortium or joint venture must submit a consolidated B-BBEE Status Level Verification Certificate for every separate bid to substantiate their B-BBEE rating claims.
- m) A bidder will not be awarded the points claimed for B-BBEE status level of contribution if it is indicated in the bid documents that such a bidder intends sub-contracting more than 25% of the contract value to any other enterprise that does not qualify for at least the same number of points that the bidder qualifies for, unless the intended sub-contractor is an EME (Exempted Micro Enterprise) that has the capacity and the ability to execute the sub-contract.
- n) A contractor is not allowed to sub-contract more than 25% of the contract value to another enterprise that does not have equal or higher B-BBEE status level, unless the intended sub-contractor is an EME that has the capability and ability to execute the sub-contract.
- o) Prospective suppliers and / or public entities interested in pursuing opportunities with the DFFE and within the South African government, should be registered on the National Treasury Central Supplier Database.
- p) Prospective suppliers and / or public entities must provide the DFFE with their CSD registration number on submission of their bid proposals including those of sub-contractors and/ or joint venture companies.
- q) Any supplier who is not registered on CSD during an award stage of the tender will not be considered.
- r) Only Bidders with a construction arm registered with **CIDB 6CE** or higher will be considered eligible for the bid.

## **SUB-CONTRACTING CONDITIONS/ REQUIREMENTS**

- i) In a case whereby sub-contracting is not set as a pre-qualification criterion, however the tenderer is intending to sub-contract portion of work, such tenderer awarded a contract may only enter into sub-contracting arrangements with the approval of the department.

- ii) In relation to a designated sector, a contractor will not be allowed to subcontract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- iii) A tenderer will not be awarded the points claimed for B-BBEE status level of contribution or contract if it is indicated in the bid documents that such a bidder intends subcontracting more than 25% of the contract value to any other enterprise that does not qualify for at least the same number of points that the bidder qualifies for, unless the intended sub-contractor is an EME that has the capability and ability to execute the sub-contract.

## **EVALUATION CRITERIA**

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.

- i) This project is estimated to have a value of less than R 15 million and consequently the 80/20-point system will apply. 80 Points max will apply to Price (Ps) and 20 points will apply to B-BBEE status.
- ii) The evaluation of bids will be undertaken in terms of the PFMA.
- iii) The bid will be evaluated in three phases:

### **Phase 1: Pre-Compliance.**

Bidders will have to complete and submit all returnable documents requested in the bidding document to determine their eligibility to participate in the bid. Failure of this may result in the bid being set aside and will not be evaluated any further. Only those bidders that are responsive to the submission requirements at this stage will be further evaluated at phase 2.

### **Pre-Compliance Requirements**

- A valid copy of the Tax Clearance Certificate or Tax Compliance Status Pin issued by SARS or copy of CSD/ MA Number.
- Entity registration Certificate (CK1).
- Valid COIDA certificate issued by the Department of Labour OR Federated Employers Mutual Assurance Company FEMA Certificate of compliance with Occupational Health and Safety Act 1993 and Construction Regulations 2014.
- Completed and signed standard bidding documents (SBD1, 3.1, 4, and 6.1).
- Agreement between service providers in the case of a joint venture/Consortium.
- Letter of authority to sign documents on behalf of the company/joint venture/Consortium.
- Professional Indemnity of at least R30 million.

### **Phase 2: Technical (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. Phase 2 will be carried out in two stages: -

- i) Stage 1 Mandatory Requirement
- ii) Stage 2 Functional Evaluation

### **Stage 1 Pre-Qualifying Criteria**

The following Mandatory Requirement shall apply to this bid: -

- a) Main contractor must have a CIDB contractor grading designation of 6CE or higher.

Criteria	Meets Yes/No
Contractor Registered with CIDB 6CE or higher	

***This is a mandatory requirement of the Bid and only bidders that satisfies these criteria 100% will proceed to Stage 2 Functional Evaluation.***

### **Stage 2 Functional Evaluation**

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 maximum points, the bidder's Contractor must have completed construction of at least 5 (five) roads, platforms, earthworks related projects valued at over R20 million (excl. VAT) over the last 10 years. (1 project gets 1, 2 projects get 2, 3 projects get 3, 4 projects get 4, 5 or more projects get 5).
- ii) In order to qualify for maximum points, the bidder must have in its full-time employment one Project Engineer with more than 10 years of experience as a Consultant in the Design and Construction management of related projects as well a formal qualification of Degree/Diploma in Civil Engineering; and relevant ECSA registration (Pr. Eng, Pr. Tech Eng).
- iii) In order to qualify for maximum points, the bidder must have in its employment (part-time or full-time) one Professional Architect or Senior Architectural Technologist with more than 10 years of experience as a design architect on the Design and Construction management of related projects as well a formal qualification of Diploma/Degree in Architecture; and relevant South African Council of Architectural Profession (SACAP) registration.
- iv) In order to qualify for maximum points, the bidder must have in its employment (part-time or full-time) one Pr. Structural Engineer with more than 5 years of experience as a Consultant in the Design and Construction management of related projects as well a formal qualification of Diploma/Degree in Civil Engineering; and relevant Engineering Council of South Africa (ECSA) registration (Pr. Eng, Pr Tech Eng).
- v) In order to qualify for maximum points, the bidder must have in its full-time employment one Contracts Manager with more than 7 years of experience as a contracts management on road construction and associated stormwater related projects as well a formal qualification of Degree/ Diploma Civil Engineering; and relevant ECSA registration (Pr. Eng, Pr Tech Eng).

- vi) In order to qualify for maximum points, the bidder must have in its employment one Site Agent with more than 5 years' experience in site management of construction of civil engineering projects as well a degree/diploma in Civil Engineering. Construction Management, Quantity Surveying and relevant professional registration.
- vii) In order to qualify for maximum points, the bidder must have in its employment (part-time or full-time) a Resident Engineer with 5 or more years' experience in construction management who has Degree/ Diploma and Engineering Council of South Africa (ECSA) registration (Pr. Eng, Pr Tech Eng).
- viii) In order to qualify for maximum points, the bidder must have in its employment with OHS agent 5 years of experience as site safety officer on roads construction and associated stormwater related projects AND in possession of NADSAM. **Please note that SAMTRAC Qualification is not acceptable for this Bid.**
- ix) Understanding of design-build risk. This is not a design or construction methodology but rather a methodology of how the contractor will manage risks associated with design-build contracts.

#### **Functional Evaluation Criterion Summary**

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

CRITERION	POINTS
Relevant Work Experience on Previous Contracts of a Similar Nature, Scope and/or Complexity, and References from Clients/Consultants for Projects of Similar Nature, Scope and Value.	25
Competence of Key Person(s), Professional, Technical Personnel	65
Methodology – Design Build Risk Management	10
<b>TOTAL POINTS</b>	<b>100</b>

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.

#### **Detailed Methodologies and Plans:**

***The bidder must note that a quality proposal detailing the following is not required for now but a letter committing to submit when required by DFFE should be attached to the Bid:***

- i) Construction Methodologies (Method Statements):  
The example methodologies provided should be in line and reflect all items that will typically be completed during the construction of the infrastructure and buildings.
- ii) Safe Work Procedures:  
The bidder has to give a description of items that will be addressed in his or her safety plan. All activities in the construction programme to be discussed and to be in line with the Occupational Health and Safety Act and the Construction Regulations. Full details to be supplied on successful appointment.
- iii) Quality control plan:

The bidder has to give a description of how the quality control procedures for all activities will be enforced and he has to give a brief description of his or her abilities and qualifications of his quality control personnel.



## EVALUATION MATRIX

Bidder's **Company Experience, Current Resources, Current Expertise and Understanding of Design Build Risk Management** will be evaluated as per the matrix below.

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

CRITERIA	SUB-CRITERIA/CLAUSE		MAX SCORE	EVIDENCE
EXPERIENCE OF CONTRACTOR COMPLETED PROJECTS	Projects <b>over R15million construction value</b>	Indicator	<b>25</b>	Signed reference letters or completion certificates on client's letterhead with details of contactable references.
	5 similar projects successfully completed	5		
	4 similar projects successfully completed	4		
	3 similar projects successfully completed	3		
	2 similar projects successfully completed	2		
	1 similar projects successfully completed	1		
	0 similar projects successfully completed	0		
EXPERIENCE OF PROJECT ENGINEER	This sub criterion covers the <b>Experience of Project Engineer who with a Civil Engineering degree/diploma must be registered with Engineering Council of South Africa (ECSA) as Pr.Eng/Pr Tech Eng</b>	Indicator	<b>10</b>	Copies of Qualifications (degree Certificates) and (ECSA) Professional Registrations (Pr. Eng., Pr. Tech Eng) attached and detailed CV listing Projects - Fill in forms attached
	10 years' experience and more	5		
	8 and less than 10 years' experience	4		
	6 and less than 8 years' experience	3		
	4 and less than 6 years' experience	2		
	2 and less than 4 years' experience	1		
	Less than 2 years' experience	0		
EXPERIENCE OF THE ARCHITECT	This sub criterion covers the <b>Experience of the Professional Architect /Professional Senior Architectural Technologist with a Degree/ Diploma in Architecture and SACAP registration</b>	Indicator	<b>10</b>	Copies of Qualifications (degree/diploma Certificates) and SACAP registration attached and detailed CV listing Projects Fill in forms attached
	10 years' experience and more	5		
	8 and less than 10 years' experience	4		
	6 and less than 8 years' experience	3		
	4 and less than 6 years' experience	2		
	2 and less than 4 years' experience	1		
	Less than 2 years' experience	0		

CRITERIA	SUB-CRITERIA/CLAUSE		MAX SCORE	EVIDENCE
EXPERIENCE OF THE STRUCTURAL ENGINEER	This sub criterion covers the proven <b>Experience of the Pr. Structural Engineer</b> Degree/ Diploma in Civil Engineering and ECSA registration (Pr. Eng, Pr Tech Eng)	Indicator	10	Copies of Qualifications (degree/Diploma Certificates) and ECSA registration (Pr. Eng, Pr Tech Eng) attached and detailed CV listing Projects Fill in forms attached
	5 years' experience and more	5		
	4 and less than 5 years' experience	4		
	3 and less than 4 years' experience	3		
	2 and less than 3 years' experience	2		
	1 and less than 2 years' experience	1		
	Less than 1 year Experience	0		
EXPERIENCE OF CONTRACTS MANAGER	This sub criterion covers the general <b>experience of the proposed Contractor Manager (total duration of professional activity as a Contracts Manager) who has Degree/ Diploma and ECSA registration (Pr. Eng, Pr Tech Eng)</b>	Indicator	10	Copies of Qualifications (degree Certificates) and (ECSA) Professional Registrations attached and detailed CV listing Projects - Fill in forms attached
	7 years' experience and more	5		
	6 and less than 7 years' experience	4		
	5 and less than 6 years' experience	3		
	4 and less than 5 years' experience	2		
	2 and less than 4 years' experience	1		
	Less than 2 years' experience	0		
EXPERIENCE OF THE SITE AGENT	This sub criterion covers the <b>experience of the proposed Site Agent (total duration of professional activity as a Site Agent). Must have Degree/ Diploma in Civil Engineering/Construction Management/Quantity Surveying and professional registration with appropriate regulatory body</b>	Indicator	10	Copies of Qualifications (degree/Diploma Certificates) professional registration with appropriate regulatory body attached and detailed CV listing Projects Fill in forms attached
	5 years' experience and more	5		
	4 and less than 5 years' experience	4		
	3 and less than 4 years' experience	3		
	2 and less than 3 years' experience	2		

CRITERIA	SUB-CRITERIA/CLAUSE		MAX SCORE	EVIDENCE
	1 and less than 2 years' experience	1		
	Less than 1 year Experience	0		
EXPERIENCE OF THE RESIDENT ENGINEER	<b>This sub criterion covers the proven Experience of the Resident Engineer in Road/Platforms/Earthworks Construction management with at least Degree/ Diploma in Civil Engineering and ECSA registration (Pr. Eng, Pr Tech Eng)</b>	<b>Indicator</b>	<b>10</b>	Copies of Qualifications (degree/Diploma Certificates) and ECSA registration (Pr. Eng, Pr Tech Eng.) attached and detailed CV listing Projects Fill in forms attached
	5 years' experience and more	5		
	4 and less than 5 years' experience	4		
	3 and less than 4 years' experience	3		
	2 and less than 3 years' experience	2		
	1 and less than 2 years' experience	1		
	Less than 1 year Experience	0		
QUALIFICATIONS AND EXPERIENCE OF THE OHS Specialist	<b>This sub criterion covers the experience of the proposed OHS Specialist (total duration of professional activity as an OHS Specialist). It is a requirement that the OHS Specialist should have a Diploma in Safety Management (NADSAM) and SACPCMP. (NOTE: SAMTRAC will not be accepted.)</b>	<b>Indicator</b>	<b>5</b>	As requested in Form Copies of Certificates and Professional Registrations attached (NADSAM & SACPCMP)
	More than 5 years' experience and NADSAM & SACPCMP	5		
	4 and less than 5 years' experience and NADSAM & SACPCMP	4		
	3 and less than 4 years' experience and NADSAM & SACPCMP	3		
	2 and less than 3 years' experience and NADSAM & SACPCMP	2		
	1 and less than 2 years' experience and NADSAM & SACPCMP	1		
	Less than 1 years' experience and NADSAM & SACPCMP	0		

CRITERIA	SUB-CRITERIA/CLAUSE		MAX SCORE	EVIDENCE
METHODOLOGY	Understanding of design-build risk. This is not a design or construction methodology but rather a methodology of how the contractor will manage risks associated with design-build contracts	Indicator	10	Written methodology limited to 5 x A4 pages
	a comprehensive methodology indicating a clear and full understanding of design build risk management	5		
	a partially complete methodology indicating a partial understanding of design build risk management	4		
	an incomplete methodology indicating a lack of understanding of design build risk management = 0 points	3		
	<b>TOTAL</b>		<b>100</b>	

Bidders scoring **75%** or more in Functionality will then proceed to Phase3 **BBBEE and Financial Plans Evaluation**. As this is a two –envelope system, DFFE will invite only the successful bidders for the opening of the Financial Envelopes.

### Phase 3: BBBEE and Financial Plans Evaluation.

Bidders that scored the minimum of 75% or more on functionality will be further evaluated on the 80/20 preference point principle. Bidders that are categorised as EME or QSE according to their BBBEE status will be awarded full points for this criterion. BBBEE and Financial Plans Evaluation will be in accordance with the 80/20 preference points system of the PPPFA Regulations.

$$P_s = 90 \left( 1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where

$P_s$  = Points scored for price of bid under consideration

$P_t$  = Price of bid under consideration

$P_{\min}$  = Price of lowest acceptable bid

BBBEE preference benefit and Financial offers of the Bidder Who's Technical (functionality) Plan scored minimum 75% will be evaluated further for the award of contract.

## **Award of Tender**

- Bidders should note that DFFE is not bound to select any of the firms submitting proposals.
- DFFE reserves the right not to award any of the bids and
- not to award the contract to the lowest bidding price.
- Bidders should note well that before award of tender, any personnel not meeting the minimum required criterion shall be replaced with a suitably qualified and experienced person.

## **T1.1 SCHEDULE OF CONTRACT DOCUMENTS**

The following documents form part of this Contract:

### **THE TENDER**

#### **PART 1: TENDER PROCEDURE**

SANS 294: 2015 – Standard Conditions of Tender (Annex F). This publication is available from Standards South Africa (a division of SABS) Tel (012) 428-6929/33.

### **THE TENDER**

#### **PART 2: RETURNABLE DOCUMENTS AND SCHEDULES**

Schedule of Returnables

### **THE CONTRACT**

#### **PART C.1: AGREEMENT AND CONTRACT DATA**

FIDIC® Conditions of Contract for PLANT and DESIGN-BUILD FOR ELECTRICAL & MECHANICAL PLANT, AND FOR BUILDING AND ENGINEERING WORKS, DESIGNED BY THE CONTRACTOR (The Yellow Book 2017). This Second Edition of the Conditions of Contract for Plant and Design-Build has been published by the Fédération Internationale des Ingénieurs-Conseils (FIDIC). This publication is available from the South African Institution of Civil Engineering (Tel: (011) 805-5949).

#### **PART C.2: PRICING DATA**

The pricing Data and Schedule of Rates; Yellow pages

#### **PART C.3: EMPLOYERS REQUIREMENTS**

The Standard Specifications for Road and Bridge Works for State Road Authorities (COLTO) published by South African Institution of Civil Engineering (SAICE) and also Standard Specifications for Civil Engineering Construction of the South African Bureau of Standards (SABS 1200). This publication is available from the South African Bureau of Standards.4

**PART C.4: SITE INFORMATION**

Site layouts plans will be provided to the bidder.

PART T2: RETURNABLE DOCUMENTS AND SCHEDULES

T2.1 LIST OF RETURNABLE DOCUMENTS

The following documents must be returned by the Bidder for evaluation purposes in addition to the Schedule listed in previous paragraphs. **Failure to supply the documents listed below may result in disqualification.**

THE FOLLOWING DOCUMENTS MUST BE FURNISHED (FAILURE TO SUBMIT COMPULSORY DOCUMENTATION MAY RESULT IN YOUR BID BEING DISQUALIFIED)		YES	NO
1	Tax Compliance (Provide PIN)	Yes <input type="checkbox"/>	No <input type="checkbox"/>
2	Latest three year audited financial statements (In case of Close Corporation Financials must be signed by the Managing Member of the CC)	Yes <input type="checkbox"/>	No <input type="checkbox"/>
3	B-BEE Certificate issued by SANAS accredited verification agent/ OR AFFIDAVIT FOR EME/QSE ON DTI FORMAT	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4	Proof of valid registration with CIDB	Yes <input type="checkbox"/>	No <input type="checkbox"/>
5	Declaration of Bidders past Supply Chain Practices.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
6	Completion of Form T for completed projects	Yes <input type="checkbox"/>	No <input type="checkbox"/>
7	CV's and copies of qualifications and Registrations for Project Staff as per Form U	Yes <input type="checkbox"/>	No <input type="checkbox"/>
8	Signed Declaration of Interest	Yes <input type="checkbox"/>	No <input type="checkbox"/>
09	Certified Joint Venture Agreement (In case of Joint Ventures and Consortium)	Yes <input type="checkbox"/>	No <input type="checkbox"/>
10	Valid COID certificate issued by the Department of Labour	Yes <input type="checkbox"/>	No <input type="checkbox"/>
11	Submit an original Briefing session certificate of attendance, if applicable	Yes <input type="checkbox"/>	No <input type="checkbox"/>
12	Fully Completed and Signed all SBD forms	Yes <input type="checkbox"/>	No <input type="checkbox"/>

**T2.2 RETURNABLE SCHEDULES**

**FORM B: CERTIFICATE OF TENDERER'S ATTENDANCE OF BRIEFING SESSION, IF APPLICABLE**

**ATTACH THE ORIGINALLY  
STAMPED CERTIFICATE ISSUED  
AT THE BRIEFING SESSION TO  
THIS PAGE**



**FORM C : RECORD OF ADDENDA TO TENDER DOCUMENTS**

We confirm that the following communications received from the DEFF or their Agent before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer:

	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
7.		

Attach additional pages if more space is required

Signature \_\_\_\_\_

Date \_\_\_\_\_

Name \_\_\_\_\_

Capacity \_\_\_\_\_

Tenderer \_\_\_\_\_

**FORM D: VENDOR NUMBER REGISTRATION WITH CENTRAL SUPPLIER DATABASE**

1. Bidders must submit Vendor Number Registration with Central Supplier Database
2. Failure to submit the Vendor Number Registration with Central Supplier Database may result with the bidder being disqualified.

**ENTITY NAME** .....

**VENDOR NUMBER  
REGISTRATION** .....

**NAME** .....

**SIGNATURE OF  
BIDDER** .....

**DATE** .....

**CAPACITY UNDER WHICH  
BID IS SIGNED** .....

**FORM E: AUTHORITY FOR SIGNATORY**

Signatories for companies shall confirm their authority thereto by attaching a duly signed and dated copy of the relevant resolution of the board of directors, to this form.

By resolution of the board of directors passed at a meeting held on ..... 20.....

Mr/Ms .....

whose signature appears below, has been duly authorised to sign all documents in connection with the Tender for Contract No and any Contract which may arise therefrom on behalf of

(block capitals).....

.....

.....

**SIGNED ON BEHALF OF THE COMPANY** : .....

**IN HIS/HER CAPACITY AS** : .....

**DATE** : .....

**SIGNATURE OF SIGNATORY** : .....

**WITNESSES** : 1).....

: 2).....

**FORM F: TAX COMPLIANCE**

**CONDITIONS PERTAINING TO TAX**

**TAX CLEARANCE CERTIFICATE REQUIREMENTS**

**It is a condition of bid that the taxes of the successful bidder must be in order, or that satisfactory arrangements have been made with South African Revenue Service (SARS) to meet the bidder's tax obligations.**

1. Any person who requires his or her tax compliance status to be disclosed to a Government institution or department, for purposes of submitting a bid or to confirm its good standing after the phasing out of paper based TCCs must request a unique security personal identification number (PIN) from SARS.
2. Very important to note is that the disclosure of a bidder's tax compliance status is an express condition for all acceptable Government bids. Failure to make the relevant disclosures will invalidate your bid and your response will be null and void.
3. The Government institution or department must use the PIN referred to above to verify a person's tax compliance status with SARS.
4. Bidders to complete the table below and provide a unique security personal identification number (PIN) from SARS which will enable the DEFF to access online real-time verification of a person's tax compliance status with the electronic Tax Compliance Status (TCS) system. Failure to submit the PIN may result in the bid being disqualified.

Full name of bidder:	Electronic Tax Compliance Status System PIN No:

NAME: .....

SIGNATURE OF BIDDER .....

DATE .....

CAPACITY UNDER WHICH BID IS SIGNED .....

**FORM G: PREFERENCE SCHEDULE**

**PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017**

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

**NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.**

**1. GENERAL CONDITIONS**

1.1 The following preference point systems are applicable to all bids:

- 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 value of this bid is estimated to less than R50 000 000 (all applicable taxes included) and therefore the 80/20 preference point system shall be applicable;

1.3 Points for this bid shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contributor.

1.4 The maximum points for this bid are allocated as follows:

	POINTS
PRICE	80
B-BBEE STATUS LEVEL OF CONTRIBUTOR	20
Total points for Price and B-BBEE must not exceed	100

1.5 Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

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

## 2. DEFINITIONS

- (a) **“B-BBEE”** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (b) **“B-BBEE status level of contributor”** means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (c) **“bid”** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals;
- (d) **“Broad-Based Black Economic Empowerment Act”** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (e) **“EME”** means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (f) **“functionality”** means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (g) **“prices”** includes all applicable taxes less all unconditional discounts;
- (h) **“proof of B-BBEE status level of contributor”** means:
  - 1) B-BBEE Status level certificate issued by an authorized body or person;
  - 2) A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
  - 3) Any other requirement prescribed in terms of the B-BBEE Act;
- (i) **“QSE”** means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;

### PART 1

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

### 3. POINTS AWARDED FOR PRICE

#### 3.1 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**

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

80/20 or 90/10

$$P_s = 80 \left( 1 - \frac{P_t - P_{\min}}{P_{\min}} \right) \quad \text{or} \quad P_s = 90 \left( 1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where

$P_s$  = Points scored for price of bid under consideration

$P_t$  = Price of bid under consideration

$P_{\min}$  = Price of lowest acceptable bid

### 4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

4.1 In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (90/10 system)	Number of points (80/20 system)
1	10	20
2	9	18
3	6	14
4	5	12
5	4	8
6	3	6
7	2	4
8	1	2
Non-compliant contributor	0	0

## 5. BID DECLARATION

5.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

## 6. B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 4.1

6.1 B-BBEE Status Level of Contributor: = (maximum of 10 or 20 points)

(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.

## 7. SUB-CONTRACTING

7.1 Will any portion of the contract be sub-contracted?

(Tick applicable box)

YES		NO	
-----	--	----	--

7.1.1 If yes, indicate:

- i) What percentage of the contract will be subcontracted \_\_\_\_\_ %?
- ii) The name of the sub-contractor \_\_\_\_\_
- iii) The B-BBEE status level of the sub-contractor \_\_\_\_\_
- iv) Whether the sub-contractor is an EME or QSE

(Tick applicable box)

YES		NO	
-----	--	----	--

- v) Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations, 2017:

Designated Group: An EME or QSE which is at least 51% owned by:	EME √	QSE √
Black people		
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		
Black people who are military veterans		



OR		
Any EME		
Any QSE		

## 8. DECLARATION WITH REGARD TO COMPANY/FIRM

8.1 Name of company/firm : .....

8.2 VAT registration number : .....

8.3 Company registration number : .....

### 8.4 TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
- ☐ One person business/sole propriety
- ☐ Close corporation
- ☐ Company
- ☐ (Pty) Limited

[TICK APPLICABLE BOX]

### 8.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

.....

.....

.....

### 8.6 COMPANY CLASSIFICATION

- ☐ Manufacturer
- ☐ Supplier
- ☐ Professional service provider
- ☐ Other service providers, e.g. transporter, etc.

[TICK APPLICABLE BOX]

8.7 Total number of years the company/firm has been in business: .....

8.8 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBEE status level of contributor indicated in paragraphs 1.4 and 6.1 of the foregoing

certificate, qualifies the company/ firm for the preference(s) shown and I / we 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 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- iv) If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
  - (a) disqualify the person from the bidding process;
  - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
  - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
  - (d) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
  - (e) forward the matter for criminal prosecution.

WITNESSES

1. ....

2. ....

.....  
SIGNATURE(S) OF BIDDERS(S)

DATE .....

ADDRESS .....

.....

.....

.....

**FORM H: PROOF OF REGISTRATION WITH CIDB**

1. Attach original or certified copy of CIDB registration certificate to this page.
2. In the case of a joint venture / consortium (excluding consulting engineering partners) parties must each attach original or certified copy of their CIDB registration certificate.

Firm	CRS Number	CIDB Grading	Lead Partner (Indicate with X)
<b>Combined CIDB Grading for Joint Venture / Consortium:</b>			

(Calculator is available at <https://registers.cidb.org.za/common/jvcalc.asp> )

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise, confirms that the contents of this schedule are within my personal knowledge and are to the best of my belief both true and correct.

Person authorized to sign the bid:

Full name (in BLOCK letters): \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**FORM I: BIDDERS DISCLOSURE**

1. No bid will be accepted from persons in the service of the state<sup>1</sup>.
2. Any person, having a kinship with persons in the service of the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid. In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons connected with or related to persons in service of the state, it is required that the bidder or their authorised representative declare their position in relation to the evaluating/adjudicating authority.

**3. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.**

- 3.1 Full Name of bidder or his or her representative: .....
- 3.2 Identity Number: .....
- 3.3 Position occupied in the Company (director, trustee, shareholder<sup>2</sup>): .....
- 3.4 Company Registration Number: .....
- 3.5 Tax Reference Number: .....

*'SCM Regulations: "in the service of the state" means to be –*

*(a) a member of –*

- (i) any municipal council;*
- (ii) any provincial legislature; or*
- (iii) 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, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999);*

*(e) a member of the accounting authority of any national or provincial public entity; or*

*(f) an employee of Parliament or a provincial legislature.*

<sup>2</sup> Shareholder" means a person who owns shares in the company and is actively involved in the management of the company or business and exercises control over the company.

3.6 VAT Registration Number: .....

3.7 The names of all directors / trustees / shareholders members, their individual identity numbers and state employee numbers must be indicated in paragraph 4 below.

3.8 Are you presently in the service of the state? ..... **YES / NO**

- 3.8.1 If yes, furnish particulars.....
- 3.9 Have you been in the service of the state for the past twelve months?..... **YES / NO**
- 3.9.1 If yes, furnish particulars.....
- 3.10 Do you have any relationship (family, friend, other) with persons in the service of the state and who may be involved with the evaluation and or adjudication of this bid?..... **YES / NO**
- 3.10.1 If yes, furnish particulars.....  
.....
- 3.11 Are you, aware of any relationship (family, friend, other) between any other bidder and any persons in the service of the state who may be involved with the evaluation and or adjudication of this bid? **YES / NO**
- 3.11.1 If yes, furnish particulars.....  
.....
- 3.12 Are any of the company's directors, trustees, managers, principle shareholders or stakeholders in service of the state?..... **YES / NO**
- 3.12.1 If yes, furnish particulars.....  
.....
- 3.13 Are any spouse, child or parent of the company's directors, trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**
- 3.13.1 If yes, furnish particulars.....  
.....
- 3.14 Do you or any of the directors, trustees, managers, principle shareholders, or stakeholders of this company have any interest in any other related companies or business whether or not they are bidding for this contract..... **YES / NO**
- 3.14.1 If yes, furnish particulars.....  
.....

4. Full details of directors / trustees / members / shareholders.

Full Name	Identity Number	State Employee Number

.....  
**Signature**

.....  
**Date**

.....  
**Capacity**

.....  
**Name of Bidder**

**FORM J: OHS ACT DECLARATION AND SUBMISSION**

The Bidder declares himself to be conversant with the following:

1. All the requirements, regulations and standards of the Occupational Health and Safety Act (Act 85 of 1993), hereinafter referred to as "The Act", together with its amendments and with special reference to the following Sections of the Act:
  - i) Section 8: General duties of Employers to their employees
  - ii) Section 9: General duties of Employers and self-employed persons to persons other than employees.
  - iii) Section 13: Duty to Inform
  - iv) Section 37: Acts or omissions by employees or mandatories
  - v) Sub-section 37(2) relating to the purpose and meaning of this Agreement
2. Construction Regulations, 2014 (Government Notice R.84) pertaining to the Contractor and to all his Subcontractors, or any amendments thereto.
3. Bid document Volume 5: Johannesburg Roads Agency's Specification for Occupational Health and Safety, including all the Annexures.
4. Bid document Volume 3: Project Specification PD: Supplement to Volume 5: Specification for Occupational Health and Safety.
5. Bid document Volume 3: C1.7 Agreement in terms of Occupational Health and Safety Act.

The Bidder declares that he has or will obtain the necessary knowledge, competence and resources to comply fully with all OHS requirements should he be awarded the contract.

The Bidder confirms that he has included with his bid a written proposal describing how he will comply with OHS requirements

Signature \_\_\_\_\_

Date \_\_\_\_\_

Name \_\_\_\_\_

Capacity \_\_\_\_\_

Bidder \_\_\_\_\_

**FORM K: PROOF OF PROFESSIONAL INDEMNITY**

The Bidder shall provide written proof of adequate Professional Indemnity (Attached to this page) to the value of at least R30 million.

The Bidder hereby certifies that the information provided as per the above is true.

Signature	_____	Date	_____
Name	_____	Capacity	_____
Bidder	_____		



**FORM L: PLANT AND EQUIPMENT SCHEDULE**

The following are lists of major items of relevant equipment that I/we presently own or lease and will have available for this contract or will acquire or hire for this contract if my/our tender is accepted.

**(a) DETAILS OF MAJOR RELEVANT EQUIPMENT IMMEDIATELY AVAILABLE FOR THIS CONTRACT**

QUANTITY	DESCRIPTION, SIZE, CAPACITY, ETC

(b) **DETAILS OF MAJOR RELEVANT EQUIPMENT THAT WILL BE HIRED OR ACQUIRED FOR THIS CONTRACT IF MY/ OUR TENDER IS ACCEPTABLE**

QUANTITY	DESCRIPTION, SIZE, CAPACITY, ETC

Signature \_\_\_\_\_

Date \_\_\_\_\_

Name \_\_\_\_\_

Capacity \_\_\_\_\_

Bidder \_\_\_\_\_

**FORM M: COIDA CERTIFICATE ISSUED BY DEPARTMENT OF LABOUR**

The Bidder must submit ***COIDA CERTIFICATE FROM DEPARTMENT OF LABOUR***.

The Bidder hereby certifies that the COIDA CERTIFICATE as required by the Bid, has been submitted and is attached after this page

Signature	_____	Date	_____
Name	_____	Capacity	_____
Bidder	_____		

***ATTACH AFTER THIS PAGE***

**FORM N: DESIGN BUILD RISK MANAGEMENT METHODOLOGY**

The bidder is required to submit their understanding of risks associated with design-build projects and outline the measure that are or will be put in place to manage such risks. The methodology is limited **5 x A4 pages**.

Signature \_\_\_\_\_

Date \_\_\_\_\_

Name \_\_\_\_\_

Capacity \_\_\_\_\_

Bidder \_\_\_\_\_

***ATTACH AFTER THIS PAGE***

**FORM O: LATEST THREE YEARS AUDITED FINANCIAL STATEMENTS/ MEMBERS ACCOUNTS**

**The Bidder hereby certifies that the AUDITED FINANCIAL STATEMENTS FOR THE LAST THREE YEARS as required by the Bid, have been submitted and are attached after this page.**

Latest three year audited financial statements (In case of Close Corporation Financials must be signed by the Managing Member of the CC)

Signature \_\_\_\_\_ Date \_\_\_\_\_

Name \_\_\_\_\_ Capacity \_\_\_\_\_

Bidder \_\_\_\_\_

## 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 respect of the following project:

\_\_\_\_\_  
(Project description as per Bid / Tender Document)

Bid / Tender Number: \_\_\_\_\_ (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, authorised 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.

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

**1. Note:**

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, the resolution 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 be so 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.

2.

**3. ENTERPRISE STAMP**

## RESOLUTION OF BOARD OF DIRECTORS TO ENTER INTO CONSORTIA 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:**

3. 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/Joint Venture)

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

\_\_\_\_\_  
\_\_\_\_\_  
(Project description as per Bid /Tender Document)

Bid / Tender Number: \_\_\_\_\_ (Bid / Tender Number as per Bid / Tender Document)

4. \*Mr/Mrs/Ms: \_\_\_\_\_

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

and who will sign as follows: \_\_\_\_\_

be, and is hereby, authorised 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 to the consortium/joint venture, in respect of the project described under item 1 above.

5. The Enterprise accepts joint and several liability with the parties listed under item 1 above for the due fulfilment of the obligations of the joint venture deriving from, and in any way connected with, the Contract to be entered into with the Department in respect of the project described under item 1 above.
6. The Enterprise chooses as its *domicilium citandi et executandi* for all purposes arising from this joint venture agreement 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: \_\_\_\_\_

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

**4. Note:**

- \* Delete which is not applicable.
- NB:** This resolution must, where possible, be signed by all the Directors / Members / Partners of the Bidding Enterprise.
- In the event that paragraph 2 cannot be complied with, the resolution must be signed by Directors / Members / Partners holding a majority of the shares / ownership of the Bidding Enterprise (attach proof of shareholding / ownership hereto).
- 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 be so 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).
- Should the number of Directors / Members / Partners exceed the space available above, additional names and signatures must be supplied on a separate page.

**5.**

**6. ENTERPRISE STAMP**

## RESOLUTION OF BOARD OF DIRECTORS TO ENTER INTO CONSORTIA 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:**

7. 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/Joint Venture)

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

\_\_\_\_\_  
\_\_\_\_\_  
(Project description as per Bid /Tender Document)

Bid / Tender Number: \_\_\_\_\_ (Bid / Tender Number as per Bid / Tender Document)

8. \*Mr/Mrs/Ms: \_\_\_\_\_

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

and who will sign as follows: \_\_\_\_\_

be, and is hereby, authorised 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 to the consortium/joint venture, in respect of the project described under item 1 above.

9. The Enterprise accepts joint and several liability with the parties listed under item 1 above for the due fulfilment of the obligations of the joint venture deriving from, and in any way connected with, the Contract to be entered into with the Department in respect of the project described under item 1 above.

10. The Enterprise chooses as its *domicilium citandi et executandi* for all purposes arising from this joint venture agreement 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: \_\_\_\_\_

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

**7. Note:**

- \* Delete which is not applicable.
- NB:** This resolution must, where possible, be signed by all the Directors / Members / Partners of the Bidding Enterprise.
- In the event that paragraph 2 cannot be complied with, the resolution must be signed by Directors / Members / Partners holding a majority of the shares / ownership of the Bidding Enterprise (attach proof of shareholding / ownership hereto).
- 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 be so 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).
- Should the number of Directors / Members / Partners exceed the space available above, additional names and signatures must be supplied on a separate page.

**8.**

**9. ENTERPRISE STAMP**

**FORM P: JOINT VENTURE AGREEMENT**

The Bidder hereby certifies that the JOINT VENTURE AGREEMENT as required by the Bid, have been submitted and are attached after this page

Signature \_\_\_\_\_ Date \_\_\_\_\_

Name \_\_\_\_\_ Capacity \_\_\_\_\_

Bidder \_\_\_\_\_

**FORM Q: LETTER OF COMMITMENT TO SUBCONTRACTING**

Signature \_\_\_\_\_ Date \_\_\_\_\_

Name \_\_\_\_\_ Capacity \_\_\_\_\_

Bidder \_\_\_\_\_

**FORM R: LETTER OF COMMITMENT TO SUBMIT A PERFORMANCE GUARANTEE EQUIVALENT TO 10% OF CONTRACT AMOUNT**

Signature \_\_\_\_\_ Date \_\_\_\_\_

Name \_\_\_\_\_ Capacity \_\_\_\_\_

Bidder \_\_\_\_\_

**FORM S: 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 maximum points, the bidder's Contractor must have completed construction of ***more than five (5) in related projects with a minimum value of R20 million, excluding VAT over the last 10 years.***
- ii) Main contractor must have a CIDB contractor grading designation of **6CE** or higher.

Key personnel of each professional discipline must be registered with relevant council. Certified copies of valid professional registration certificates with the following or applicable bodies for all proposed key personnel for this project;

- a) Civil Engineer: Engineering Council of South Africa
- b) Architect : South African Council for the Architectural Profession
- c) Structural Engineer: Engineering Council of South Africa
- d) Contract Manager: Engineering Council of South Africa
- e) Resident Engineer: Engineering Council of South Africa
- f) Health and Safety Consultant: South African Council for Project and Construction Management Profession.
- g) Certified copies of Valid Professional Indemnity Cover for each professional discipline to the value of R 30 million and above.

**FORM T: COMPLETED PROJECTS**

<b>Name of the Bidder</b>		
<b>NUMBER OF YEARS' EXPERIENCE IN THE CONSTRUCTION OF ROADS, PLATFORMS AND EARTHWORKS</b>		
<b>PROJECT No.</b>	<b>1</b>	<b>2</b>
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person ( <b>Name, Tel/ Cell no and Fax no</b> )		
Clients Contact Person (email address)		
Consulting Engineer ( <b>Name, Tel/ Cell no and Fax no</b> )		
Appointment Value (at least R20m)		
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 ( <b>Name, Tel/ Cell no and Fax no</b> )		
Clients Contact Person (email address)		
Consulting Engineer ( <b>Name, Tel/ Cell no and Fax no</b> )		
Appointment Value (at least R20m)		
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 R20m)		
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 ( <b>Name, Tel/ Cell no and Fax no</b> )		
Clients Contact Person (email address)		
Consulting Engineer ( <b>Name, Tel/ Cell no and Fax no</b> )		
Appointment Value (at least R20m)		
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 ( <b>Name, Tel/ Cell no and Fax no</b> )		
Clients Contact Person (email address)		
Consulting Engineer ( <b>Name, Tel/ Cell no and Fax no</b> )		
Appointment Value (at least R20m)		
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 U: 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 full-time employment a: -

- i) Project Engineer with 10 years' experience in design and construction management.
- ii) Contracts Manager with 5 years' experience in contracts management of construction, in order to score maximum points.
- iii) Site Agent with 5 years' experience in site management of construction of civil engineering projects, in order to score maximum points.
- iv) OHS Agent at least 5 years' experience in site safety management of construction projects.

The bidder must have access to the services of the following employees (not necessarily in its full-time employment): -

- v) Professional Architect or Senior Architectural Technologist with 10 years' experience in design and construction management.
- vi) Professional Structural Engineer with 10 years' experience in design and construction management.
- vii) Resident Engineer with 5 years' experience in site management of construction of civil engineering projects, in order to score maximum points.

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 U 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 (U) 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 U.

**FORMS TO BE COMPLETED BY THE BIDDERS**

- **Form U(I) Project Engineer**
- **Form U(II) Architect**
- **Form U(III) Structural Engineer**
- **Form U(IV) Contracts Manager**
- **Form U(V) Site Agent**
- **Form U(VI) Resident Engineer**
- **Form U(VII) OHS Agent**

**FORM U (I) PROJECT ENGINEER**

**Project Engineer in the Company**

Post	Name	Qualifications (Degree/Diploma in Civil) & Professional Registrations	Experience in years
Project Engineer			

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

Signature \_\_\_\_\_

Date \_\_\_\_\_

Name \_\_\_\_\_

Capacity \_\_\_\_\_

Bidder \_\_\_\_\_

## Project Engineer

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

PROJECT ENGINEER		
Name and Surname		
Experience in years' experience as Project Engineer		
EXPERIENCE AS PROJECT ENGINEER		
YEAR of Experience as Project Engineer	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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		

<b>EXPERIENCE AS PROJECT ENGINEER IN PROJECT ENGINEER</b>		
<b>YEAR of Experience as Project Engineer</b>	<b>Year 3 (.....) (e.g.2019 etc)</b>	<b>Year 4 (.....) (e.g.2018).</b>
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person ( <b>name, Tel/Cell no and fax no</b> )		
Clients Contact Person (email address)		
Consulting Engineer ( <b>name, Tel no and fax no</b> )		
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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		

<b>EXPERIENCE AS PROJECT ENGINEER IN PROJECT ENGINEER</b>		
<b>YEAR of Experience as Project Engineer</b>	<b>Year 5 (.....) (e.g.2019 etc)</b>	<b>Year 6 (.....) (e.g.2018).</b>
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person ( <b>name, Tel/Cell no and fax no</b> )		
Clients Contact Person (email address)		
Consulting Engineer ( <b>name, Tel no and fax no</b> )		
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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		



<b>EXPERIENCE AS PROJECT ENGINEER IN PROJECT ENGINEER</b>		
<b>YEAR of Experience as Project Engineer</b>	<b>Year 7 (.....) (e.g.2019 etc)</b>	<b>Year 8 (.....) (e.g.2018).</b>
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person ( <b>name, Tel/Cell no and fax no</b> )		
Clients Contact Person (email address)		
Consulting Engineer ( <b>name, Tel no and fax no</b> )		
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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		

<b>EXPERIENCE AS PROJECT ENGINEER IN PROJECT ENGINEER</b>		
<b>YEAR of Experience as Project Engineer</b>	<b>Year 9 (.....) (e.g.2019 etc)</b>	<b>Year 10 (.....) (e.g.2018).</b>
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person ( <b>name, Tel/Cell no and fax no</b> )		
Clients Contact Person (email address)		
Consulting Engineer ( <b>name, Tel no and fax no</b> )		
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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		

Signature \_\_\_\_\_

Date \_\_\_\_\_

Name \_\_\_\_\_

Capacity \_\_\_\_\_

Bidder \_\_\_\_\_

**FORM U (II) ARCHITECT**

Post	Name	Qualifications (Diploma, Degree in Architecture) & Professional Registrations	Experience in years
Architect			

Bidders are required to submit as attachments after this page, the qualifications and professional registrations

Signature \_\_\_\_\_ Date \_\_\_\_\_

Name \_\_\_\_\_ Capacity \_\_\_\_\_

Bidder \_\_\_\_\_

## Architect

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

ARCHITECT		
Name and Surname		
Experience in years' experience as Pr. Architect		
EXPERIENCE AS ARCHITECT IN BUILDING PROJECTS		
YEAR of Experience as Architect	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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		

<b>EXPERIENCE AS ARCHITECT IN CIVIL ENGINEERING CONSTRUCTION PROJECTS</b>		
<b>YEAR of Experience as Architect</b>	<b>Year 3 (.....) (e.g.2017 etc)</b>	<b>Year 4 (.....) (e.g.2016).</b>
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person ( <b>name, Tel/Cell no and fax no</b> )		
Clients Contact Person (email address)		
Consulting Engineer ( <b>name, Tel no and fax no</b> )		
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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		

<b>EXPERIENCE AS ARCHITECT IN CIVIL ENGINEERING CONSTRUCTION PROJECTS</b>		
<b>YEAR of Experience as Architect</b>	<b>Year 5 (.....) (e.g.2015 etc)</b>	<b>Year 6 (.....) (e.g.2014).</b>
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person ( <b>name, Tel/Cell no and fax no</b> )		
Clients Contact Person (email address)		
Consulting Engineer ( <b>name, Tel no and fax no</b> )		
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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		

<b>EXPERIENCE AS ARCHITECT IN CIVIL ENGINEERING CONSTRUCTION PROJECTS</b>		
<b>YEAR of Experience as Architect</b>	<b>Year 7 (.....) (e.g.2013 etc)</b>	<b>Year 8 (.....) (e.g.2012).</b>
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person ( <b>name, Tel/Cell no and fax no</b> )		
Clients Contact Person (email address)		
Consulting Engineer ( <b>name, Tel no and fax no</b> )		
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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		

<b>EXPERIENCE AS ARCHITECT IN CIVIL ENGINEERING CONSTRUCTION PROJECTS</b>		
<b>YEAR of Experience as Architect</b>	<b>Year 9 (.....) (e.g.2013 etc)</b>	<b>Year 10 (.....) (e.g.2012).</b>
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person ( <b>name, Tel/Cell no and fax no</b> )		
Clients Contact Person (email address)		
Consulting Engineer ( <b>name, Tel no and fax no</b> )		
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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		

Signature \_\_\_\_\_

Date \_\_\_\_\_

Name \_\_\_\_\_

Capacity \_\_\_\_\_

Bidder \_\_\_\_\_



**FORM U (III) STRUCTURAL ENGINEER**

Post	Name	Qualifications (Diploma, Degree in Civil/Structural) & Professional Registrations	Experience in years
Structural Engineer			

Bidders are required to submit as attachments after this page, the qualifications and professional registrations

Signature \_\_\_\_\_ Date \_\_\_\_\_

Name \_\_\_\_\_ Capacity \_\_\_\_\_

Bidder \_\_\_\_\_

## Structural Engineer

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

STRUCTURAL ENGINEER		
Name and Surname		
Experience in years' experience as Pr. Structural Engineer		
EXPERIENCE AS STRUCTURAL ENGINEERING		
YEAR of Experience as Structural Engineer	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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		

<b>EXPERIENCE AS STRUCTURAL ENGINEERING IN CONSTRUCTION PROJECTS</b>		
<b>YEAR of Experience as Structural Engineer</b>	<b>Year 3 (.....) (e.g.2019 etc)</b>	<b>Year 4 (.....) (e.g.2018).</b>
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person ( <b>name, Tel/Cell no and fax no</b> )		
Clients Contact Person (email address)		
Consulting Engineer ( <b>name, Tel no and fax no</b> )		
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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		

<b>EXPERIENCE AS STRUCTURAL ENGINEERING IN CONSTRUCTION PROJECTS</b>		
<b>YEAR of Experience as Structural Engineer</b>	<b>Year 5 (.....) (e.g.2019 etc)</b>	<b>Year 6 (.....) (e.g.2018).</b>
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person ( <b>name, Tel/Cell no and fax no</b> )		
Clients Contact Person (email address)		
Consulting Engineer ( <b>name, Tel no and fax no</b> )		
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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		

<b>EXPERIENCE AS STRUCTURAL ENGINEERING IN CONSTRUCTION PROJECTS</b>		
<b>YEAR of Experience as Structural Engineer</b>	<b>Year 7 (.....) (e.g.2019 etc)</b>	<b>Year 8 (.....) (e.g.2018).</b>
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person ( <b>name, Tel/Cell no and fax no</b> )		
Clients Contact Person (email address)		
Consulting Engineer ( <b>name, Tel no and fax no</b> )		
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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		

<b>EXPERIENCE AS STRUCTURAL ENGINEERING IN CONSTRUCTION PROJECTS</b>		
<b>YEAR of Experience as Structural Engineer</b>	<b>Year 9 (.....) (e.g.2019 etc)</b>	<b>Year 10 (.....) (e.g.2018).</b>
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person ( <b>name, Tel/Cell no and fax no</b> )		
Clients Contact Person (email address)		
Consulting Engineer ( <b>name, Tel no and fax no</b> )		
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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		

Signature \_\_\_\_\_

Date \_\_\_\_\_

Name \_\_\_\_\_

Capacity \_\_\_\_\_

Bidder \_\_\_\_\_

**FORM U (IV) CONTRACTS MANAGER**

Post	Name	Qualifications (Diploma, Degree in Civil) & Professional Registrations	Experience in years
Contracts Manager			

Bidders are required to submit as attachments after this page, the qualifications and professional registrations

Signature \_\_\_\_\_

Date \_\_\_\_\_

Name \_\_\_\_\_

Capacity \_\_\_\_\_

Bidder \_\_\_\_\_

## Contracts Manager

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

CONTRACTS MANAGER		
Name and Surname		
Experience in years' experience as Contracts manager		
EXPERIENCE AS CONTRACTS MANAGER IN CONSTRUCTION MANAGEMENT		
YEAR of Experience as contracts manager	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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		



<b>EXPERIENCE AS CONTRACTS MANAGER IN CONSTRUCTION MANAGEMENT</b>		
<b>YEAR of Experience as contracts manager</b>	<b>Year 3 (.....) (e.g.2019 etc)</b>	<b>Year 4 (.....) (e.g.2018).</b>
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person ( <b>name, Tel/Cell no and fax no</b> )		
Clients Contact Person (email address)		
Consulting Engineer ( <b>name, Tel no and fax no</b> )		
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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		

<b>EXPERIENCE AS CONTRACTS MANAGER IN CONSTRUCTION MANAGEMENT</b>		
<b>YEAR of Experience as contracts manager</b>	<b>Year 5 (.....) (e.g.2019 etc)</b>	<b>Year 6 (.....) (e.g.2018).</b>
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person ( <b>name, Tel/Cell no and fax no</b> )		
Clients Contact Person (email address)		
Consulting Engineer ( <b>name, Tel no and fax no</b> )		
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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		

**FORM U (V) SITE AGENT**

Post	Name	Qualifications (Diploma, Degree in Civil/Construction Management/Quantity Surveying) & Professional Registrations	Experience in years
Site Agent			

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

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 as a Site Agent		
EXPERIENCE AS SITE AGENT IN CONSTRUCTION PROJECTS		
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)		
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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		

EXPERIENCE AS SITE AGENT IN CONSTRUCTION PROJECTS		
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 ( <b>name, Tel/Cell no and fax no</b> )		
Clients Contact Person (email address)		
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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		

EXPERIENCE AS SITE AGENT IN CONSTRUCTION PROJECTS		
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)		
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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		

Signature \_\_\_\_\_

Date \_\_\_\_\_

Name \_\_\_\_\_

Capacity \_\_\_\_\_

Bidder \_\_\_\_\_

**FORM U (VI) RESIDENT ENGINEER**

Post	Name	Qualifications (Diploma, Degree in Civil Engineering) & Professional Registrations	Experience in years
Resident Engineer			

Bidders are required to submit as attachments after this page, the qualifications and professional registrations

Signature \_\_\_\_\_ Date \_\_\_\_\_

Name \_\_\_\_\_ Capacity \_\_\_\_\_

Bidder \_\_\_\_\_

## Resident Engineer

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

RESIDENT ENGINEER		
Name and Surname		
Experience in years' experience as Resident Engineer		
EXPERIENCE AS RESIDENT ENGINEER IN SITE MANAGEMENT OF CIVIL ENGINEERING CONSTRUCTION PROJECTS		
YEAR of Experience as Resident Engineer	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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		



<b>EXPERIENCE AS RESIDENT ENGINEER IN SITE MANAGEMENT OF CIVIL ENGINEERING CONSTRUCTION PROJECTS.</b>		
<b>YEAR of Experience as Resident Engineer</b>	<b>Year 3 (.....) (e.g.2017 etc)</b>	<b>Year 4 (.....) (e.g.2016).</b>
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person ( <b>name, Tel/Cell no and fax no</b> )		
Clients Contact Person (email address)		
Consulting Engineer ( <b>name, Tel no and fax no</b> )		
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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		

<b>EXPERIENCE AS RESIDENT ENGINEER IN SITE MANAGEMENT OF CIVIL ENGINEERING CONSTRUCTION PROJECTS.</b>		
<b>YEAR of Experience as Resident Engineer</b>	<b>Year 5 (.....) (e.g.2015 etc)</b>	<b>Year 6 (.....) (e.g.2014).</b>
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person ( <b>name, Tel/Cell no and fax no</b> )		
Clients Contact Person (email address)		
Consulting Engineer ( <b>name, Tel no and fax no</b> )		
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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		

Signature \_\_\_\_\_

Date \_\_\_\_\_

Name \_\_\_\_\_

Capacity \_\_\_\_\_

Bidder \_\_\_\_\_

**FORM U (VII) OHS AGENT/ SAFETY OFFICER**

Post	Name	Qualifications (Diploma, NADSAM/ Degree in Safety Management) & Professional Registrations. Note that SAMTRAC will not be accepted	Experience in years
OHS Agent/ Safety Officer			

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

Signature \_\_\_\_\_ Date \_\_\_\_\_

Name \_\_\_\_\_ Capacity \_\_\_\_\_

Bidder \_\_\_\_\_

**OHS Agent/ Safety Officer**

<b>SAFETY OFFICER</b>		
Name and Surname		
Experience in years' experience as Safety Officer		
<b>EXPERIENCE AS SAFETY OFFICER IN SITE MANAGEMENT OF CONSTRUCTION PROJECTS.</b>		
<b>YEAR of Experience as OHS Agent</b>	<b>Year 1 (.....) (e.g.2019 etc)</b>	<b>Year 2 (.....) (e.g.2018).</b>
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person ( <b>name, Tel/Cell no and fax no</b> )		
Clients Contact Person (email address)		
Consulting Engineer ( <b>name, Tel no and fax no</b> )		
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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		

<b>EXPERIENCE AS SAFETY OFFICER IN SITE MANAGEMENT OF CONSTRUCTION PROJECTS.</b>		
<b>YEAR of Experience as OHS Agent</b>	<b>Year 3 (.....) (e.g.2017 etc)</b>	<b>Year 4 (.....) (e.g.2016).</b>
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person ( <b>name, Tel/Cell no and fax no</b> )		
Clients Contact Person (email address)		
Consulting Engineer ( <b>name, Tel no and fax no</b> )		
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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		

<b>EXPERIENCE AS SAFETY OFFICER IN SITE MANAGEMENT OF CONSTRUCTION PROJECTS.</b>		
<b>YEAR of Experience as OHS Agent</b>	<b>Year 5 (.....) (e.g.2015 etc)</b>	<b>Year 6 (.....) (e.g.2014).</b>
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person ( <b>name, Tel/Cell no and fax no</b> )		
Clients Contact Person (email address)		
Consulting Engineer ( <b>name, Tel no and fax no</b> )		
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)		
<b>Roles/Responsibilities</b> performed by the Bidder on the project:		

Signature \_\_\_\_\_

Date \_\_\_\_\_

Name \_\_\_\_\_

Capacity \_\_\_\_\_

Bidder \_\_\_\_\_

**FORM V      LETTER OF COMMITMENT TO SUBMIT CONSTRUCTION METHODOLOGY, SAFE WORK PLAN AND QUALITY CONTROL PLAN**

The bidder must **NOTE THAT a quality proposal detailing the following is not required for now but a letter committing to submit when required by the Department** should be attached to the Bid after this bid:

The quality proposal will comprise the following:

- Construction Methodologies (Method Statements):  
The example methodologies provided should be in line and reflect all items that will typically be completed during the construction of the new roads and associated stormwater systems.
- Safe Work Procedures:  
The bidder has to give a description on items that will be addressed in his safety plan. All activities in the construction programme to be discussed and to be in line with the Occupational Health and Safety Act and the Construction Regulations. Full details to be supplied on successful appointment.
- Quality control plan:  
The bidder has to give a description on how the quality control procedures for all activities will be enforced and he has to give a brief description on his abilities and qualifications of his quality control personnel.

Signature	_____	Date	_____
Name	_____	Capacity	_____
Bidder	_____		

**FORM W: FORM OF PARENT COMPANY GUARANTEE (IF APPLICABLE)**

**DFFE T082 (22-23) APPOINTMENT OF A SUITABLY QUALIFIED CONTRACTOR FOR THE DESIGN BUILD OF AN INTEGRATED WASTE MANAGEMENT FACILITY INCLUSIVE OF A COMPOSTING FACILITY, DRY RECYCLABLES FACILITY AND ANCILLARY INFRASTRUCTURE.**

Name and address of Employer: Department of Forestry, Fisheries and the Environment (DFFE) Physical address: **The Environment House 473 Steve Biko Road, cnr Soutpansberg and Steve Biko Road, Pretoria, 0083** (together with successors and assigns).

We have been informed that \_\_\_\_\_ (hereinafter called the "Contractor") is submitting an offer for such Contract in response to your invitation, and that the conditions of your invitation require his/her offer to be supported by a parent company guarantee.

In consideration of you, the Employer, awarding the Contract to the Contractor, we (name of parent company) irrevocably and unconditionally guarantee to you, as a primary obligation, the due performance of all the Contractor's obligations and liabilities under the Contract, including the Contractor's compliance with all its terms and conditions according to their true intent and meaning.

If the Contractor fails to so perform his/her obligations and liabilities and comply with the Contract, we will indemnify the Employer against and from all damages, losses and expenses (including legal fees and expenses) which arise from any such failure for which the Contractor is liable to the Employer under the Contract.

This guarantee shall come into full force and effect when the Contract comes into full force and effect. If the Contract does not come into full force and effect within a year of the date of this guarantee, or if you demonstrate that you do not intend to enter into the Contract with the Contractor, this guarantee shall be void and ineffective. This guarantee shall continue in full force and effect until all the Contractor's obligations and liabilities under the Contract have been discharged, when this guarantee shall expire and shall be returned to us, and our liability hereunder shall be discharged absolutely.

This guarantee shall apply and be supplemental to the Contract as amended or varied by the Employer and the Contractor from time to time. We hereby authorise them to agree any such amendment or variation, the due performance of which and compliance with which by the Contractor are likewise guaranteed hereunder. Our obligations and liabilities under this guarantee shall not be discharged by any allowance of time or other indulgence whatsoever by the Employer to the Contractor, or by any variation or suspension of the works to be executed under the Contract, or by any amendments to the Contract or to the constitution of the Contractor or the Employer, or by any other matters, whether with or without our knowledge or consent.

This guarantee shall be governed by the law of the same country (or other jurisdiction) as that which governs the Contract and any dispute under this guarantee shall be finally settled under the Rules of Arbitration of the International Chamber of Commerce by one or more arbitrators appointed in accordance with such Rules. We confirm that the benefit of this guarantee may be assigned subject only to the provisions for assignment of the Contract.



SIGNED by: \_\_\_\_\_  
(signature)

\_\_\_\_\_  
(name)

\_\_\_\_\_  
(position in the company)

Date: \_\_\_\_\_

SIGNED by<sup>(1)</sup>: \_\_\_\_\_  
(signature)

\_\_\_\_\_  
(name)

\_\_\_\_\_  
(position in the company)

<sup>(1)</sup> Whether one or more signatories for the parent company are required will depend on the parent company and/or applicable law

## 1. THE CONTRACT

### C1 AGREEMENT AND CONTRACT

**FIDIC Conditions of Contract for Plant and Design-Build for Electrical and Mechanical Plant and for Building and Engineering works, designed by the Contractor, Second Edition, 2017**

<b>Project Name:</b>	<b>DESIGN-BUILD OF AN INTEGRATED WASTE MANAGEMENT FACILITY INCLUSIVE OF A COMPOSTING FACILITY, DRY RECYCLABLES FACILITY AND ANCILLARY INFRASTRUCTURE</b>
<b>Reference no.:</b>	<b>DFFE T082 (22-23)</b>

<b>Advertisement Date:</b>	<b>09 NOVEMBER 2022</b>	<b>Validity:</b>	<b>120</b>
<b>Closing Date:</b>	<b>02 DECEMBER 2022</b>	<b>Closing time:</b>	<b>11:00am</b>

The FIDIC Conditions of Contract for Plant and Design-Build for Electrical and Mechanical Plant and for Building and Engineering works, designed by the Contractor, Second Edition, 2017, published by the International Federation of Consulting Engineers, is applicable to this Contract and is obtainable from [www.FIDIC.org](http://www.FIDIC.org).

The following contract specific data, referring to the FIDIC Conditions of Contract for Plant and Design-Build for Electrical and Mechanical Plant and for Building and Engineering works, designed by the Contractor, Second Edition, 2017, are applicable to this Contract:

**C1.1 FORM OF OFFER AND ACCEPTANCE OFFER**

**STAMP**

The Employer, identified in the Acceptance signature block, has solicited offer

enter into a contract in respect of the following works: **DESIGN BUILD OF  
INTEGRATED WASTE MANAGEMENT FACILITY INCLUSIVE OF A  
COMPOSTING FACILITY, DRY RECYCLABLES FACILITY AND ANCILLARY  
INFRASTRUCTURE**

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:

.....

OR

Natural Person or Partnership:

.....

.....

And: Whose Registration Number is:

.....

And: Whose Income Tax Reference Number is:

.....

CSD supplier number:.....

.....

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:

<p>Represented herein, and who is duly authorised to do so, by:</p> <p>Mr/Mrs/Ms:</p> <p>.....</p> <p>.....</p> <p>In his/her capacity as:</p> <p>.....</p> <p>.....</p>	<p>Note:</p> <p>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.</p>
--	--

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 ..... ☐

(N.)

The official alternative ..... ☐

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

## 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, (which includes this Agreement)
Part C2	Pricing Data
Part C3	Employers Requirements
Part C4	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 will then be given to the Tenderer) to arrange the 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 in BLOCK LETTERS and signature) .....

1. ....

## SCHEDULE OF DEVIATIONS

1 Subject	.....
Details	.....
	.....
	.....
	.....
2 Subject	.....
Details	.....
	.....
	.....
	.....
3 Subject	.....
Details	.....
	.....
	.....
	.....
4 Subject	.....
Details	.....
	.....
	.....
	.....
5 Subject	.....
Details	.....
	.....
	.....
	.....

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

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



C1.2      **APPENDIX TO FIDIC**

## DATA PROVIDED BY THE EMPLOYER

The FIDIC Conditions of Contract for Plant and Design-Build for Electrical and Mechanical Plant and for Building and Engineering works, designed by the Contractor, Second Edition, 2017, published by the International Federation of Consulting Engineers, is applicable to this Contract and is obtainable from [www.FIDIC.org](http://www.FIDIC.org).

The following contract specific data, referring to the FIDIC Conditions of Contract for Plant and Design-Build for Electrical and Mechanical Plant and for Building and Engineering works, designed by the Contractor, Second Edition, 2017, are applicable to this Contract:

Item	FIDIC Clause	
Employer's Name	1.1.30	<p>The physical address of the Employer is:</p> <p>Department of Forestry Fisheries and the Environment</p> <p>Environmental House Ground Floor of the Department of Forestry, Fisheries and Environment 473 Steve Biko Road Arcadia, Pretoria 0083</p> <p>E-Mail Address: <a href="mailto:bmanaka@dfre.gov.za">bmanaka@dfre.gov.za</a> Tel Number: (012) 399 8839 /066 336 3098</p>
Engineer's Name and Address	1.1.35	To be appointed by the Employer at a later date prior to commencement of this contract.
Time for completion of the works	1.1.86	<p>Phase 1 – Completion date to be end March 2023.</p> <p>Phase 2 – Completion date to be end March 2024.</p>

Defects Notification period	1.1.27	365 calendar days
Laws	1.1.49	South Africa
Ruling Language, Language for Communication	1.4	English
Time for Access to the Site	2.1	30 days after Commencement Date

Item	FIDIC Clause	
Performance Security	4.2	10%
Period for notification unforeseeable errors, faults and defects in the Employers Requirements	5.8	20 days
Normal Working Hours	6.5	06:00 to 18:00 Monday to Friday, unless otherwise agreed with Employer
Delay Damages for the Works	8.7 & 14.15(b)	0.1% of the final Contract Price per day
Maximum amount of Delay damages	8.8	20% of Contract Price
Total Advance Payment	14.2	0% of the Accepted Contract Price against acceptable bank guarantee
Currencies and proportions	14.2	Rand
Start repayment of loan	14.2(a)	Not applicable
Percentage of Retention	14.3	10% of each payment to be held by Employer and paid to Contractor on Date of Completion.

Item	FIDIC Clause	
Schedule of Payments	14.4	As per payment conditions agreed during contract negotiations.
Sub Clause 14.5	14.5	Not applicable
Minimum amount of Interim Payment Certificate	14.6	5% of the Accepted Contract Price
Currency of Payment	14.15	Rands
Period for submission of insurance	19.2.4	10 days
Maximum amount of deductibles for insurance of Employer's Risks	19.2.4	R 10 000
Minimum of Third Party / Public Liability Insurance	19.2.4	R 20 000 000
DAB	21.1	One sole Member / adjudicator
Appointment to be made by	21.1	Dispute Arbitration Council of South Africa

## C1.3 CONTRACT DATA

### DATA PROVIDED BY THE CONTRACTOR

The FIDIC Conditions of Contract for Plant and Design-Build for Electrical and Mechanical Plant and for Building and Engineering works, designed by the Contractor, Second Edition, 2017, published by the International Federation of Consulting Engineers, is applicable to this Contract and is obtainable from [www.FIDIC.org](http://www.FIDIC.org).

The following contract specific data, referring to the FIDIC Conditions of Contract for Plant and Design-Build for Electrical and Mechanical Plant and for Building and Engineering works, designed by the Contractor, Second Edition, 2017, are applicable to this Contract:

CLAUSE	COMPULSORY DATA
1.1.2.3 & 1.3	<p>The name of the Contractor is:</p> <hr/>

CLAUSE	COMPULSORY DATA
1.1.2.3 & 1.3	<p>The physical address of the Contractor is:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>The postal address of the Contractor is:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Telephone: _____</p> <p>Fax: _____</p> <p>Email: _____</p>

## **C1.4 PARTICULAR CONDITIONS OF CONTRACT**

The following particular conditions of contract are applicable to this Contract:

### **C1.4.1 FIDIC section 4.19 – ELECTRICITY, WATER, GAS AND OTHER SERVICES AVAILABLE ON THE SITE**

The Employer shall not make available temporary and permanent electricity or water for the construction works.

### **C1.4.2 FIDIC section 4.17 – EMPLOYER’S EQUIPMENT AND FREE-ISSUE MATERIAL**

The Employer shall provide the following:

- Construction and demolition waste to be used as the fill for the composting platforms as it is brought to the site by the public.

### **C1.4.3 FIDIC section 5.2 – CONTRACTOR’S DOCUMENTS REQUIRED, AND WHETHER FOR CONSIDERATION**

The following documents must be provided by the Contractor:

- Platform 1 and Platform 2 (including access roads)
  - Platform Development Plan (for Consideration) updated every 2 months.
  - Set of construction drawings (for Consideration)
  - Acceptance test procedure and acceptance test result sheets (for Consideration)
  - Acceptance test snag sheet
  - Final certificate of completion (for Consideration)
- Retention pond
  - Set of construction drawings (for Consideration)
  - All approvals required by authorities
  - Operate and Maintenance Manual (for Consideration)
  - Certificate of Compliance for electrical installation work
  - Acceptance test procedure and acceptance test result sheets (for Consideration)
  - Acceptance test snag sheet
  - Final certificate of completion (for Consideration)
- Ancillary Infrastructure – Ablution at composting facility
  - Set of construction drawings (for Consideration)
  - Set of municipal approved drawings.
  - Certificate of Compliance for electrical installation work

- Acceptance test procedure and acceptance test result sheets (for Consideration)
- Acceptance test snag sheet
- Final certificate of completion (for Consideration)
- Ancillary Infrastructure – Office at composting facility
  - Set of construction drawings (for Consideration)
  - Set of municipal approved drawings.
  - Certificate of Compliance for electrical installation work
  - Acceptance test procedure and acceptance test result sheets (for Consideration)
  - Acceptance test snag sheet
  - Final certificate of completion (for Consideration)
- Ancillary Infrastructure – Water, wastewater, fire water and electrical connection
  - Set of construction drawings (for Consideration)
  - Set of municipal approved drawings.
  - Certificate of Compliance for electrical installation work
  - Acceptance test procedure and acceptance test result sheets (for Consideration)
  - Acceptance test snag sheet
  - Final certificate of completion (for Consideration)
- Ancillary Infrastructure – Storage shed
  - Set of construction drawings (for Consideration)
  - Set of municipal approved drawings.
  - Certificate of Compliance for electrical installation work
  - Acceptance test procedure and acceptance test result sheets (for Consideration)
  - Acceptance test snag sheet
  - Final certificate of completion (for Consideration)
- Ancillary Infrastructure – Fencing
  - Set of construction drawings (for Consideration)
  - Acceptance test procedure and acceptance test result sheets (for Consideration)
  - Acceptance test snag sheet
  - Final certificate of completion (for Consideration)
- Ancillary Infrastructure – Parking
  - Set of construction drawings (for Consideration)



- Acceptance test procedure and acceptance test result sheets (for Consideration)
- Acceptance test snag sheet
- Final certificate of completion (for Consideration)
- New dry recycling facility
  - Set of construction drawings (for Consideration)
  - Set of municipal approved drawings.
  - Certificate of Compliance for electrical installation work
  - Acceptance test procedure and acceptance test result sheets (for Consideration)
  - Acceptance test snag sheet
  - Final certificate of completion (for Consideration)
- Upgrades to Transfer Station – Office and ablution for security
  - Scoping document with quotations (for Consideration)
  - Set of construction drawings (for Consideration)
  - Set of municipal approved drawings.
  - Certificate of Compliance for electrical installation work
  - Acceptance test procedure and acceptance test result sheets (for Consideration)
  - Acceptance test snag sheet
  - Final certificate of completion (for Consideration)

#### **C1.4.4 DRAWINGS**

Drawings shall be produced according to SANS or equivalent standards. All drawings to be supplied by the Contractor have to be listed in the MASTER DOCUMENT INDEX (MDI). All drawings shall be made available electronically and hard copy. As a minimum, the MDI has to indicate the following drawings for consideration:

- Construction Drawings
- As-built drawings
- Documentation drawings for Maintenance Manuals.

Drawings shall be prepared specifically for this contract and not be marked-up drawings. Two bound A3 sets as well as an electronic copy, of the complete construction project, that shows the buildings, services and infrastructure as built must be completed and handed over.

#### **C1.4.5 SET OF OPERATING AND MAINTENANCE MANUALS**

This is applicable only to the Retention Pond.

These manuals shall provide sufficient information for the operation of the system and shall include the following as a minimum:

- Description of all parts and operations
- Description of all controls and their functions
- Procedures for starting and stopping
- Emergency and/or alternate procedures in the case of breakdowns, power failures, etc.
- Fault finding
- Daily checks on start-up

Maintenance manuals shall have all the information to ensure that the system will be properly maintained. It shall be comprehensive to the extent that a technician can service the system. Fault diagnostics shall also be included so that faults can be traced and components are exchanged with a minimum of difficulty. Sections covering the following aspects shall be included as a minimum:

- Trouble shooting and fault finding.
- Preventative maintenance, which shall include a comprehensive check list for each and every type of service.
- A list of all parts and non-standard tools required
- A recommended list of spares that must be kept in stock as well as minimum spare stock levels.

## **C2     PRICING DATA**

FIDIC Conditions of Contract for Plant and Design-Build for Electrical and Mechanical Plant and for Building and Engineering works, designed by the Contractor, Second Edition, 2017

## **C2.1 PRICING INSTRUCTIONS**

### **C2.1.1 GENERAL INSTRUCTIONS**

The Contractor shall provide a rate for each item listed in the Bill of Quantities in Item C2.2. BoQ.

The quoted rates shall be inclusive of all costs including but not limited to:

- Design
- All required legislative approvals
- Construction (labour, materials, plant, consumables etc.)
- Manufacturing
- Shipping including import duties, customs clearance
- Installation
- Rate of exchange fluctuations
- Preliminaries and generals
- Construction supervision
- Insurance
- Regulatory obligations including compliance with
  - Occupational Health and Safety requirements
  - South African National Building Codes
  - South African National Codes of Practice
- Company overheads and profit

### **C2.1.2 PHASING OF THE PROJECT**

The project will be divided into 2 phases due to budget availability linked to the Employers financials years. Items have been preliminary allocated to phases in the Bill of Quantities. This phasing breakdown will be refined during contract negotiations with the aim of spending 50% of the contract budget in Phase 1 (The Employers 2022/23 Financial Year).

Phase 1 – all items to be completed (reach Date of Completion) before end March 2023

Phase 2 – all items to be completed (reach Date of Completion) before end March 2024

**Note:** The financial proposal must be prepared following the below format and be submitted in an envelope separate from the rest of the Proposal.

## **C2.2 BILL OF QUANTITIES**

The Contractor is required to complete the Bill of Quantities below taking into account the requirements as set out in the specifications of this tender document.

Item no	Description	Qty	Unit	Rate	Amount	Project Phase
<b>1</b>	<b>PLATFORM 1 (INCLUDING ACCESS ROADS)</b>					
1,1	Platforms 1B	6338	m <sup>2</sup>			Phase 1
1,2	Stormwater channels	310	m			Phase 1
1,3	Access roads	960	m <sup>2</sup>			Phase 1
<b>2</b>	<b>PLATFORM 2 (INCLUDING ACCESS ROADS)</b>					
2,1	Platforms	18762	m <sup>2</sup>			Phase 2
2,2	Stormwater channels	416	m			Phase 2
2,3	Access roads	1530	m <sup>2</sup>			Phase 2
<b>3</b>	<b>RETENTION POND</b>					
3,1	Retention Pond	1	sum			Phase 1
3,2	Stormwater Channels	280	m			Phase 1
<b>4</b>	<b>ANCILLIARY INFRASTRUCTURE</b>					
4,1	Ablution at composting facility	1	sum			Phase 1
4,2	Office at composting facility	1	sum			Phase 1
4,3	Water, wastewater, fire water & electrical services	1	sum			Phase 2
4,4	Storage shed	1	sum			Phase 1
4,5	Fencing	1000	m			Phase 1
4,6	Parking	150	m <sup>2</sup>			Phase 1
<b>5</b>	<b>NEW DRY RECYCLING FACILITY</b>					
5,1	New dry recycling facility	1	sum			Phase 2
<b>6</b>	<b>UPGRADES TO TRANSFER STATION</b>					
6,1	Offices and ablutions for security	Prov.	sum	R 300 000.00	R 300 000.00	Phase 2
<b>7</b>	<b>PROJECT MANAGEMENT AND ADMINISTRATION</b>					
7.1	Overall project Management	1	sum			Phase 1 & 2
7.2	Site management	1	sum			Phase 1 & 2
7.3	Obtain all Municipal Approvals as required for the project	1	sum			Phase 1 & 2
<b>8</b>	<b>DESIGN AND SUPERVISION OF CONSTRUCTION WORKS</b>					
8.1	Design of the construction works	1	sum			Phase 1
8.2	Supervision of the construction works	1	sum			Phase 1
<b>Sub-total</b>						
<b>VAT (15%)</b>						

Item no	Description	Qty	Unit	Rate	Amount	Project Phase
Total (carried over to C1.1)						

## SCHEDULE OF PAYMENTS

To aid Contractor cashflow, whilst limiting the risk of the Employer, the following payment milestones will be adhered to:

Item no	Description	Qty	Unit	Milestone 1 40%	Milestone 2 70%	Milestone 3 100%
1	<b>PLATFORM 1 (INCLUDING ACCESS ROADS)</b>					
1,1	Platforms 1B	6338	m <sup>2</sup>	N/A	N/A	Completion of each unit
1,2	Stormwater channels	310	m	N/A	N/A	Completion of each unit
1,3	Access roads	960	m <sup>2</sup>	N/A	N/A	Completion of each unit
2	<b>PLATFORM 2 (INCLUDING ACCESS ROADS)</b>					
2,1	Platforms	18762	m <sup>2</sup>	N/A	N/A	Completion of each unit
2,2	Stormwater channels	416	m	N/A	N/A	Completion of each unit
2,3	Access roads	1530	m <sup>2</sup>	N/A	N/A	Completion of each unit
3	<b>RETENTION POND</b>					
3,1	Retention Pond	1	sum	At start of construction of lining	N/A	Completion
3,2	Stormwater Channels	280	m	N/A	N/A	Completion of each unit
4	<b>ANCILLIARY INFRASTRUCTURE</b>					
4,1	Ablution at composting facility	1	sum	On start of construction of masonry walls	On start of installation of ceilings	Completion
4,2	Office at composting facility	1	sum	On start of construction of masonry walls	On start of installation of ceilings	Completion
4,3	Water, wastewater, fire water & electrical services	1	sum	N/A	N/A	Completion
4,4	Storage shed	1	sum	On start of construction of steel frame	On start of roof covering	Completion
4,5	Fencing	1000	m	N/A	N/A	Completion of each unit
4,6	Parking	150	m <sup>2</sup>	N/A	N/A	Completion of each unit
5	<b>NEW DRY RECYCLING FACILITY</b>					

Item no	Description	Qty	Unit	Milestone 1 40%	Milestone 2 70%	Milestone 3 100%
5,1	New dry recycling facility	1	sum	On start of construction of steel frame	On start of roof covering	Completion
6	<b>UPGRADES TO TRANSFER STATION</b>					
6,1	Offices and ablutions for security	1	sum	On start of construction of masonry walls	On start of installation of ceilings	Completion
7	<b>PROJECT MANAGEMENT AND ADMINISTRATION</b>					
7.1	Overall project Management	1	sum	Pro rata per item 1 to 6 above		
7.2	Site management	1	sum			
7.3	Obtain all Municipal Approvals as required for the project	1	sum			
8	<b>DESIGN AND SUPERVISION OF CONSTRUCTION WORKS</b>					
8.1	Design of the construction works	1	sum	Pro rata per item 1 to 6 above		
8.2	Supervision of the construction works	1	sum			

## PAYMENT TERMS

DEFF undertakes to pay out in full or as per deliverables within 30 (thirty) days all valid claims for work done to its satisfaction upon presentation of a substantiated claim and the required reports stipulated in special conditions. No payment will be made where there is outstanding information/work not submitted by the Contractor until that outstanding information is submitted.

### C3 EMPLOYER REQUIREMENTS

#### C3.1 DESCRIPTION OF THE WORKS

- C3.1.1 Employer's objectives
- C3.1.2 Overview and location of the works
- C3.1.3 Extent of the works
- C3.1.4 Contractor Responsibilities

#### C3.2 SPECIFICATIONS

- C3.2.1 Standard Specifications

#### C3.3 SCOPE OF WORKS

- C3.3.1 Platform 1 and Platform 2 (Including Access Roads)
- C3.3.2 Retention Pond
- C3.3.3 Ancillary Infrastructure
- C3.3.4 New Dry Recycling Facility



C3.3.5 Upgrades to Transfer Station

## C3.1 DESCRIPTION OF WORKS

### C3.1.1 EMPLOYER'S OBJECTIVES

The Employer's objectives are to secure the services of a Contractor to design and build a composting facility and a recycling facility as part of an integrated waste management facility over a multiyear time frame. This project will be funded and managed by the Employer on behalf of the George Municipality.

### C3.1.2 OVERVIEW AND LOCATION OF WORKS

The Department of Forestry, Fisheries and the Environment (DFFE) (Employer) has approved projects funding to support the objectives laid down in the Operation Phakisa: Chemicals and Waste Economy programme. (Job creation, Environmental protection, GDP contribution for the establishment of an integrated waste management solution / construction of composting facility over a multiyear time frame is therefore available through DFFE Chemicals and Waste Management Branch for the initiation of the project for 2022/23 – 2023/24 financial year.

#### Locality Plan and site information

The George Municipality is located in the Western Cape Province and falls within the Eden District. The municipal area includes the following:

Figure 1 below shows the locality map of the Gwaing landfill site in the George Municipality.

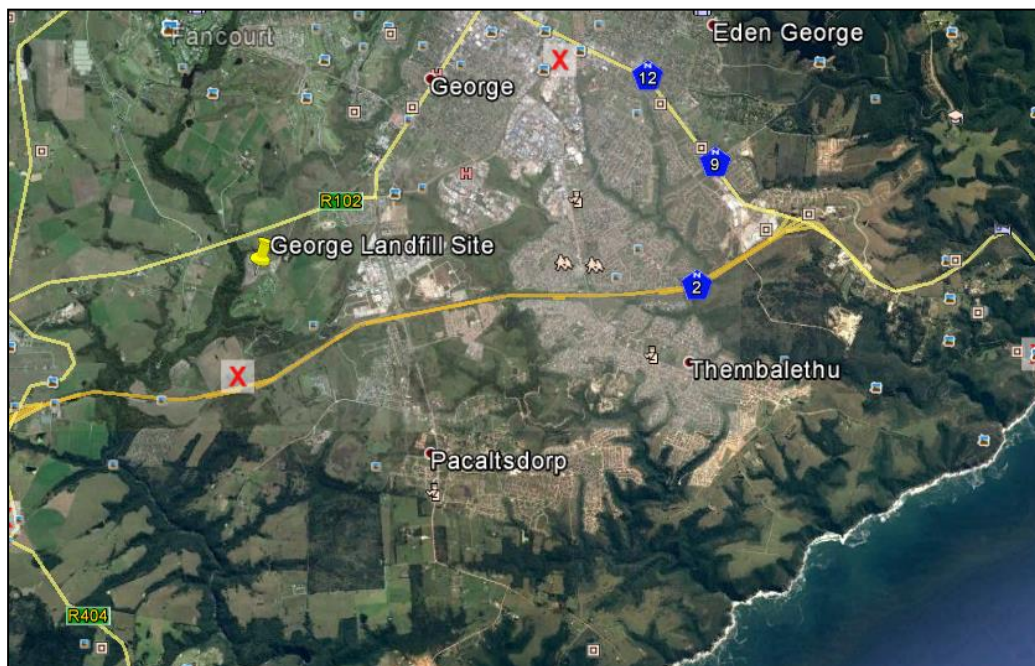


Figure1: Locality Map of the Gwaing Landfill site

The figure below shows the current site layout at the Gwaing Landfill site. The site currently consists of the following:

- General waste transfer station (with offices, ablutions, weighbridge etc.)
- Animal carcass landfill site (non-operational)
- Builders' rubble and garden refuse landfill site (only accepting garden refuse)
- Composting Facility
  - Platform 1 - phase 1 – complete
  - Platform 1 – phase 2 – partially complete (not shown on image below)
- Construction and Demolition Waste area
  - The area to the north of the current composting platform is being used to landfill construction and demolition (C&D) waste generated by the municipality (residents and businesses). This C&D waste will form the basis of the composting platform expansion.



Figure 2: Existing Site Layout of Erf 464 in George (Map data: Google, Digital Globe)

### **C3.1.3 EXTENT OF WORKS**

The works that form part of the integrated waste facility include the following:

1. PLATFORM 1 (INCLUDING ACCESS ROADS)
  - 1,1 Platforms 1B
  - 1,2 Stormwater channels
  - 1,3 Access roads
2. PLATFORM 2 (INCLUDING ACCESS ROADS)
  - 2,1 Platforms
  - 2,2 Stormwater channels
  - 2,3 Access roads
3. RETENTION POND
  - 3,1 Retention Pond
  - 3,2 Stormwater Channels
4. ANCILLIARY INFRASTRUCTURE
  - 4,1 Ablution at composting facility
  - 4,2 Office at composting facility
  - 4,3 Water & electrical services
  - 4,4 Storage shed
  - 4,5 Fencing
  - 4,6 Parking
5. NEW DRY RECYCLING FACILITY
  - 5,1 New dry recycling facility
6. UPGRADES TO TRANSFER STATION
  - 6,1 Offices and ablutions for security
7. PROJECT MANAGEMENT AND ADMINISTRATION
  - 7,1 Overall project Management
  - 7,2 Site management
  - 7,1 Obtain all Municipal Approvals as required for the project
8. DESIGN AND SUPERVISION OF CONSTRUCTION WORKS
  - 8,1 Design of construction works
  - 8,2 Supervision of construction works

#### **C3.1.4 CONTRACTOR RESPONSIBILITIES**

The Contractor will be required to:

- Establishment of the Contractor's Office
- Submit design documents to Employer and Engineer for consideration prior to commencement of construction
- Manage current Construction and Demolition Waste dumping to maximise platforms being created.
- As the site is an operational waste management facility, the Contractor needs to manage engagement with the public in a responsible manner by:
  - Erect temporary signage to indicate which vehicles are to dump in which location
  - Supervising the C&D waste incoming operations during all operating hours of the landfill
  - All signage as may be required in terms of the OHS Act.
- Provide own security
- Construct works as per C3.1.3 above
- Preparation of acceptance test procedures
- Submit test procedure to Employer and Engineer for consideration prior to commencement of acceptance tests
- Conducting acceptance tests (to be witnessed by Engineer)
- Submission of documentation as prescribed in Client Requirements
- Finishing off of the site

## **C3.2 SPECIFICATIONS**

### **C3.2.1 STANDARD SPECIFICATIONS**

The Contractor is required to design all infrastructure and building in line with all national, provincial and local regulations including but not limited to:

- All municipal regulations pertaining to building codes and health and safety requirements;
- SANS 10400:2010: The application of the National Building Regulations
- South African Health and Safety Regulations (OSHACT)
- The Draft National Norms and Standards for the Treatment of Organic Waste (March 2021)
- Existing waste management licence for the Gwaing waste management facility.
- Drainage manual issued by the South African National Roads Agency SOC limited

### C3.3 SCOPE OF WORKS

The scope of works includes:

1. PLATFORM 1 (INCLUDING ACCESS ROADS)
  - 1,1 Platforms 1B 6338 m<sup>2</sup>
  - 1,2 Stormwater channels 310 m
  - 1,3 Access roads 960 m<sup>2</sup>
2. PLATFORM 2 (INCLUDING ACCESS ROADS)
  - 2,1 Platforms 18762 m<sup>2</sup>
  - 2,2 Stormwater channels 416 m
  - 2,3 Access roads 1530 m<sup>2</sup>
3. RETENTION POND
  - 3,1 Retention Pond 1 sum
  - 3,2 Stormwater Channels 280 m
4. ANCILLARY INFRASTRUCTURE
  - 4,1 Ablution at composting facility 1 sum
  - 4,2 Office at composting facility 1 sum
  - 4,3 Water & electrical services 1 sum
  - 4,4 Storage shed 1 sum
  - 4,5 Fencing 1000 m
  - 4,6 Parking 150 m<sup>2</sup>
5. NEW DRY RECYCLING FACILITY
  - 5,1 New dry recycling facility 1 sum
6. UPGRADES TO TRANSFER STATION
  - 6,1 Offices and ablutions for security 1 sum
7. PROJECT MANAGEMENT AND ADMINISTRATION
  - 7,1 Overall project Management 1 sum
  - 7,2 Site management 1 sum
  - 7,1 Obtain all Municipal Approvals as required for the project 1 sum
8. DESIGN AND SUPERVISION OF CONSTRUCTION WORKS
  - 8,1 Design of construction works 1 sum
  - 8,2 Supervision of construction works 1 sum

Each of the items above is detailed below. The items numbers above link to the Bill of Quantities to be priced by the Tenderer. The below detailed descriptions of works required are not exhaustive. Any items omitted from the below list but that are reasonably required in such facilities are to be priced for by the Tenderer.

#### C3.3.1 PLATFORM 1 AND PLATFORM 2 (INCLUDING ACCESS ROADS)

#### **C3.3.1.1 Platform Preparation (item 1.1 and 2.1)**

The area to the north of the current composting platform is being used to landfill construction and demolition (C&D) waste generated by the municipality (residents and businesses). This operation will continue during this contract. This C&D waste will form the basis (fill) of the composting platforms.

The Contractor will be responsible to manage (on-site supervision by a foreman or similar) the daily operation (7 days per week) to achieve effective placement of the incoming C&D waste by the inbound vehicles to both limit rework required as well as to maximise the area of composting platform that can be constructed before the end of this contract.

A Platform Development Plan is to be developed by the Contractor for consideration by the Engineer which details projected platform filling operations. A record of estimated volumes entering the platforms is to be kept by the Contractor to accurately monitor filling rates and adjust the Platform Development Plan accordingly. This Platform Development Plan is to be updated by the contractor every 2 months considering trends and projections.

The platform heights are to be maximised as far as possible in order for the platforms to accommodate as much C&D waste as possible. The Engineer reserves the right to request certain areas of the platforms to be prioritized over others.

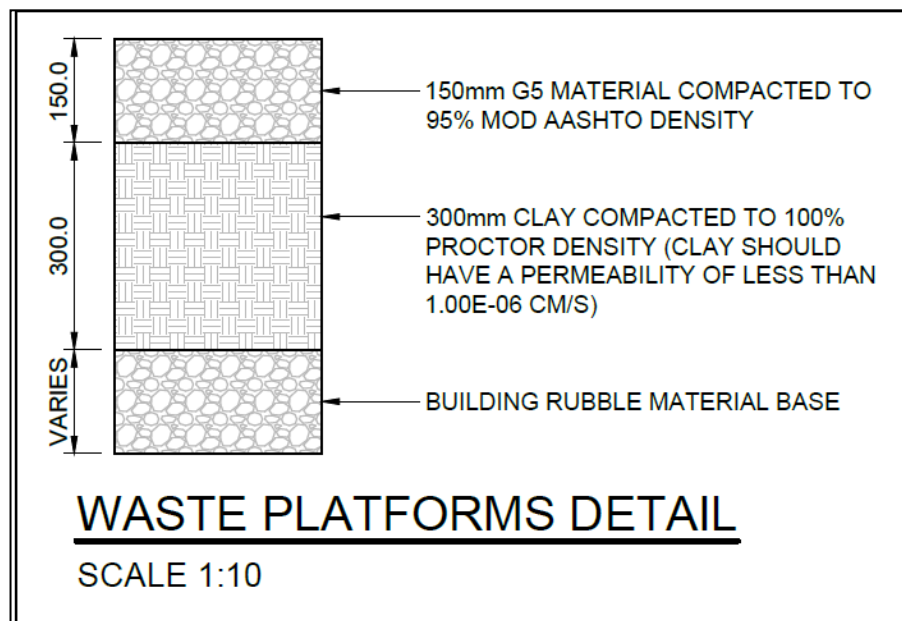
The George Municipality will assist the Contractor by making their landfill plant (bulldozer or similar) available for spreading/flattening of incoming waste as is currently being done. If the plant becomes unavailable for whatsoever reason, the Contractor will need to spread/flatten the waste at their own cost.

The platform fill material is not to include unsuitable waste and thus public access to this area is to be limited by the Contractor. The compaction of the fill material is to be suitable to accommodate the final capping layerworks as well as composting operations.

#### **C3.3.1.2 Layer Works and Capping (item 1.1 and 2.1)**

A capping system is designed to maximise the controlled run-off of precipitation, while protecting the formation layers from erosion. The platform capping in this system needs to prevent ponding of contaminated water on the composting area to prevent infiltration and keep the structural layers intact. The proposed capping for the composting platforms is presented in the figure below..





The platform must be designed to be impermeable for the contaminated run-off to be collected in concrete-lined trapezoidal drains and diverted to the retention pond at the northern end of the facility. The slope of the platform must ensure that there is no ponding of stormwater or waterlogging of contaminates. The slope is to be similar to that of the slope of the existing recently completed platform. The capping design must ensure that the platforms comply with the draft Norms and Standards for Treatment of Organic Waste (March 2021).

The Contractor will be required to source all materials (other than the Builders Rubble/C&D waste fill) from commercial sources.

#### **C3.3.1.3 Stormwater Channels (item 1.2, 2.2 and 3.2)**

Stormwater must be managed by a series of impermeable (concrete-lined) channels at the lower end of each platform and diversion berms placed at the top of each platform. These drains will direct all run-off into the retention pond in order to be used as water required for the active composting and curing processes. Figure 4 provides a proposed stormwater management system. The design calculations to determine optimal sizing of the stormwater channels is to be done by the Contractor. The design should accommodate the 1 in 50-year storm recurrence interval peak discharge.

#### **C3.3.1.4 Access roads (item 1.3 and 2.3)**

The access roads should be designed to accommodate all traffic volumes predicted over the lifespan of the roads (25 years). These access roads are to be unpaved (gravel) and designed and constructed in such a way as to be easily maintained by the municipality. Attention is to be drawn to effective stormwater management to avoid erosion. The access roads are to accommodate bidirectional traffic and should thus be 7 m wide. They should accommodate large vehicles (waste trucks, composting turners, bulldozers, TLB's, tipper trucks, water carts etc.) which will be offloading/collecting compost/other waste.

#### **C3.3.2 RETENTION POND (item 3.1)**

The size and position of the retention pond is to be determined by the Contractor in line with the requirement of all authorities. A Water Use License Application (WULA) is currently being undertaken by consultants appointed by the George Municipality. The location and size shown in Part C4 is indicative at this stage but the findings of the WULA might indicate otherwise. The pond must be designed to accommodate the 1 in 50-year storm recurrence interval peak discharge.

The design is to include an effective pumping system that allows compost turners and water trucks to easily be filled with pond water of use in composting process. An operating manual for this pumping operation needs to be prepared by the Contractor for consideration by the Engineer.

The retention pond is to be designed in accordance with all applicable legislation. The Contractor is to obtain all approvals (other than the WULA) required for the construction of this pond.

The valuable equipment, (pumps, etc.) needs to be secured in a small lockable building and external site lighting is to be installed on such to aid security.

### **C3.3.3 ANCILLARY INFRASTRUCTURE**

#### **C3.3.3.1 Ablution at composting facility (item 4.1)**

The ablution facility will need to accommodate a separate male and female bathroom (toilets, showers, wash handbasins), separate male and female change rooms that include lockers for the staff members, a laundry room and a canteen area. The design is to be similar to that of the existing ablution facility at the Waste Transfer Station which is approximately 72 m<sup>2</sup> large as indicated in the figure below.

The number of sanitary fixtures to be provided in the ablution facility must be based on a population of 15 men and 15 women and calculated in terms of the SANS 10400 regulations.

As a minimum, the female bathroom must consist of two toilet pans, one wash-handbasin and two showers. The male bathroom consists of one urinal, one wash-handbasin, one toilet pan and two showers.

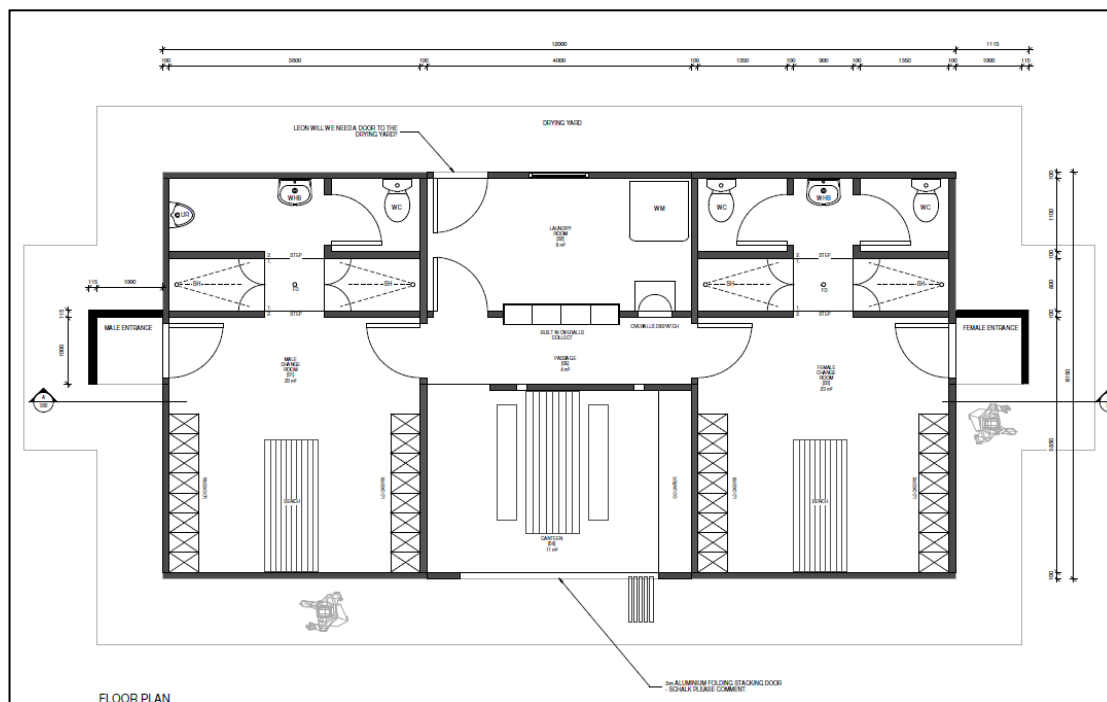
The design look and feel of the facility should match the existing ablution facility at the Waste Transfer Station. For ease of reference, the look and feel is summarised below:

The outside of the facility will consist of face brick and the inside leaf of the double leaf wall will consist of normal clay brick. The plastering will be done using a wood-float finish and then be painted with enamel paint to interior walls. The floors and walls in the toilets will be tiled with porcelain or ceramic tiles.

All the buildings will have pitched roofs, complete with galvanised steel sheeting. Standard gypsum ceilings will be provided. The doors will consist of standard steel frames, complete with standard steel doors. Standard steel frame windows will be used, complete with glazing and sills. Burglar bars are to be installed to match existing. Hot water is to be

provided in all showers, laundry room and canteen. The Contractor is to provide locks for all doors and 2 sets of keys per door. Lockers are to be installed by the Contractor to match existing on site. External lighting is to be installed on all side of the building in order to aid security at night.

A layout existing ablution to be copied is shown below.



### C3.3.3.2 Office at composting facility (item 4.2)

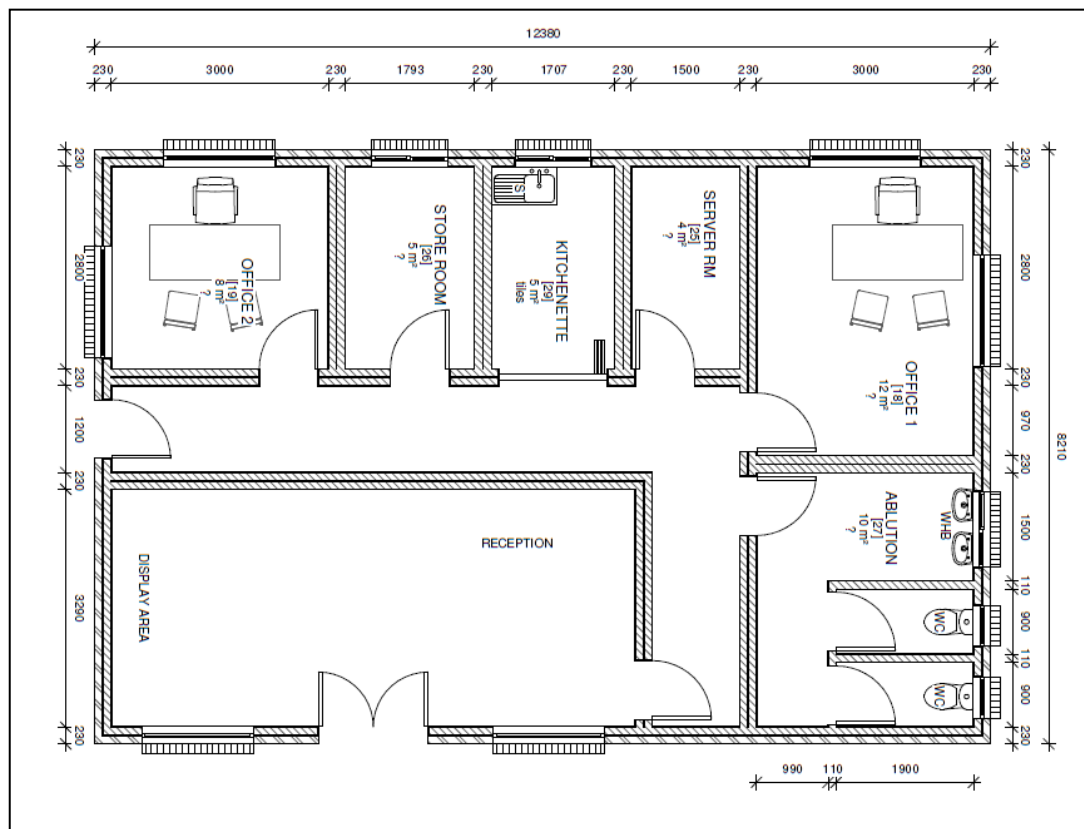
The reception office consists of a reception area, a display area, two offices, an ablution facility, a kitchenette, a server room and a storeroom. The office building should be approximately 100 m<sup>2</sup> big.

The design look and feel of the facility should match the existing office facility at the Waste Transfer Station. For ease of reference, the look and feel is summarised below:

The outside of the facility will consist of face brick and the inside leaf of the double leaf wall will consist of normal clay brick. The plastering will be done using a wood-float finish and then be painted with enamel paint to interior walls. The floors and walls in the toilets will be tiled with porcelain or ceramic tiles.

All the buildings will have pitched roofs, complete with galvanised steel sheeting. Standard gypsum ceilings will be provided. The doors will consist of standard steel frames, complete with standard steel doors. Standard steel frame windows will be used, complete with glazing and sills. Burglar bars are to be installed to match existing. Hot water is to be provided. The Contractor is to provide locks for all doors and 2 sets of keys per door. External lighting is to be installed on all side of the building in order to aid security at night.

The layout of the existing administration building to be copied is illustrated in the figure below



### C3.3.3.3 Water, Wastewater, Fire Water & Electrical services (item 4.3)

#### Water supply

The Contractor must ensure connection of all buildings to the water supply, the closest of which is at the existing transfer station office and ablution facilities.

#### Wastewater

The Contractor must ensure connection of all buildings to the wastewater network, the closest of which is at the existing transfer station office and ablution facilities.

#### Fire water supply

The Contractor must ensure connection of all buildings to the fire water supply, the closest of which is at the existing transfer station office and ablution facilities.

#### Electrical supply

The Contractor must ensure connection of all buildings to the electrical supply, the closest of which is at the existing transfer station.

#### **C3.3.3.4 Storage Shed (item 4.4)**

The storage shed should be designed to accommodate storage of composting equipment, storage of bagging equipment, storage of bagged compost and bagging operations. The building is to be 300 m<sup>2</sup> in size (20 m long, 15 m wide).

The building should be a steel frame warehouse type building with cladding and roof material to match the existing transfer station. Four wind powered ventilation extractor fans are to be installed. The roof is to be a minimum of 4.5 m high at its lowest point. All sides are to be fully cladded. The floor is to be a concrete floor.

The building should be equipped with two roller shutters doors at the back of the building for access of bigger plant and equipment for storage. The front of the building must be equipped with two roller shutter doors for bulk pickups of bagged compost. All roller shutter doors are to be minimum 4 m wide and have an opening height of 3.5m at minimum. and A pedestrian door is to be installed for pedestrian access. All roller shutter doors are to be lockable from the inside and the pedestrian door lockable from both inside and outside. 3 sets of keys are to be supplied per door.

Adequate lighting is to be installed to allow for night-time operation. Two lighting circuits are to be installed, one for daytime use and an additional to be used at night-time or during cloudy days. External lighting is to be installed on all side of the building to aid security at night. Three phase power is to be installed to supply power to the future bagging equipment.

#### **C3.3.3.5 Fencing (item 4.5)**

The entire composting facility should be fenced off with concrete palisade fence to match existing. Refer to the figure in Part C4 (indicated as "new fence line") for details of which areas will require fencing. Four lockable steel access gates are to be allowed for.

#### **C3.3.3.6 Parking (item 4.6)**

The contractor should develop paved (60mm pavers) staff and customer parking in front of the composting facility office as well as a paved walkway to the office from the parking area.

### **C3.3.4 NEW DRY RECYCLING FACILITY (item 5.1)**

This facility is to be built on the eastern end of platform 2. Thus, a portion of platform 2 should be completed prior to construction of this facility.

The dry recycling facility should be identical to the storage shed at the composting facility. It should be designed to accommodate storage of recycling/sorting equipment, storage of baled recyclables and sorting operations. The building is to be 300 m<sup>2</sup> in size (20 m long, 15 m wide).

The building should be a steel frame warehouse type building with cladding and roof material to match the existing transfer station. Four wind powered ventilation extractor fans are to be installed. The roof is to be a minimum of 4.5 m high at its lowest point. All sides are to be fully cladded. The floor is to be a concrete floor.

The building should be equipped with two roller shutters doors at the back of the building for access of bigger plant and equipment for storage. The front of the building must be equipped with two roller shutter doors for bulk pickups of bagged compost. All roller shutter doors are to be minimum 4 m wide and have an opening height of 3.5m at minimum. and A pedestrian door is to be installed for pedestrian access. All roller shutter doors are to be lockable from the inside and the pedestrian door lockable from both inside and outside. 3 sets of keys are to be supplied per door.

Adequate lighting is to be installed to allow for night-time operation. Two lighting circuits are to be installed, one for daytime use and an additional to be used at night-time or during cloudy days. External lighting is to be installed on all side of the building to aid security at night. Three phase power is to be installed to supply power to the future recycling equipment.

### **C3.3.5 UPGRADES TO TRANSFER STATION**

#### **C3.3.4.2 Offices and ablutions for security (item 6.1)**

The exact scope of the upgrades to the existing offices and ablutions at the transfer station has not yet been defined. As such a provisional sum of R 300 000.00 (excl. VAT) has been included in the Bill of Quantities.

### **C3.3.6 PROJECT MANAGEMENT AND ADMINISTRATION**

#### **C3.3.6.1 Overall project Management (item 7.1)**

Project management as required to successfully deliver the project to the Employer.

#### **C3.3.6.2 Site management (item 7.2)**

Site management as required to successfully deliver the project to the Employer.

#### **C3.3.6.3 Obtain all Municipal Approvals as required for the project (item 7.3)**

All required municipal approvals are to be obtained timeously by the Contractor and sent to the Engineer prior to construction commencement.

### **C3.3.7 DESIGN AND SUPERVISION OF CONSTRUCTION WORKS**

**C3.3.7.1 Design of the construction works (item 8.1)**

Prepare design comprising approval and construction drawings, design reports, test procedures and test result templates, operating and maintenance manuals.

**C3.3.7.2 Supervision of the construction works (item 8.2)**

Supervise the construction works to ensure compliance with the design and construction documents.

## **C4 SITE INFORMATION**

### **C4.1 TENDER DRAWINGS**

The following is a list of tender drawings applicable to this contract and are attached:

<b>No.</b>	<b>Drawing No.</b>	<b>Drawing Title</b>
1	P16074-TEN-07-GN-001	DESIGN BUILD SCOPING LAYOUT