



## INVITATION TO QUOTE

|                                                           |                                                                                                 |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <b>RFQ NUMBER:</b>                                        | 30/10/2024/4                                                                                    |
| <b>DESCRIPTION OF GOODS/SERVICE/WORK REQUIRED:</b>        | UPGRADE OF MPILA CAMP WATER TREATMENT PLANT                                                     |
| <b>Required CIDB Grading</b>                              | Level 2 ME or higher                                                                            |
| <b>COMPULSORY BRIEFING SESSION DATE &amp; ADDRESS:</b>    | Date: Thursday, 14 November 2024<br>Time: 13h00 AM<br>Venue: Mpila Camp, Hluhluwe Imfolozi Park |
| <b>CLOSING DATE AND TIME:</b>                             | Friday, 29 November 2024<br>16h00 PM                                                            |
| <b>BID VALIDITY PERIOD:</b>                               | 90 calendar days (commencing from the Closing Date)                                             |
| <b>QUOTATION DOCUMENT MUST BE SUBMITTED BY E-MAIL TO:</b> | <a href="mailto:procurement@kznwildlife.com">procurement@kznwildlife.com</a>                    |
| <b>FOR ATTENTION:</b>                                     | Mrs Nobuhle Magubane (Hlela)                                                                    |

|                           |  |
|---------------------------|--|
| <b>NAME OF BIDDER:</b>    |  |
| <b>QUOTE PRICE</b>        |  |
| <b>BIDDERS SIGNATURE:</b> |  |

## **SPECIAL INSTRUCTIONS AND NOTICES TO BIDDERS REGARDING THE COMPLETION OF BIDDING FORMS**

PLEASE NOTE THAT THIS BID IS SUBJECT TO TREASURY REGULATIONS 16A ISSUED IN TERMS OF THE PUBLIC FINANCE MANAGEMENT ACT, 1999, EZEMVELO KZN WILDLIFE SUPPLY CHAIN MANAGEMENT POLICY AND ALL OTHER PRESCRIPTS THAT REGULATE PUBLIC PROCUREMENT IN THE REPUBLIC OF SOUTH AFRICA.

1. Unless inconsistent with or expressly indicated otherwise by the context, the singular shall include the plural and visa versa and with words importing the masculine gender shall include the feminine and the neuter.
2. Under no circumstances whatsoever may the quotation forms be retyped or redrafted.
3. The bidder is advised to check the number of pages and to satisfy himself that none are missing or duplicated.
4. Bids submitted must be accurately completed. Bidders must ensure that all questions are answered. If questioned are “not applicable”, bidders must ensure that “N/A” is indicated in the relevant space. It is not permissible to leave blank spaces or unanswered questions. Bidders will only be considered if the quotation document is accurately completed and accompanied by all relevant certificates and other necessary applicable information. Failure to comply with the same will invalidate your quote.
5. Any alteration made by the bidder must be initialed.
6. Bidder must initial each and every page of the quotation document.
7. For compulsory briefing sessions - Bidders must ensure that during a briefing session, the attendance register is signed. Failure to sign the attendance will result in the bid being disqualified.
8. “Proof of B-BBEE status level of contributor” means-
  - (a) the B-BBEE status level certificate issued by an authorised body or person;
  - (b) a sworn affidavit as prescribed by the B-BBEE Codes of Good Practice; or
  - (c) any other requirement prescribed in terms of the Broad-Based Black Economic Empowerment Act;

## REGISTRATION ON THE CENTRAL SUPPLIERS DATABASE

1. In terms of the National Treasury Instruction Note, all suppliers of goods and services to the State are required to register on the Central Suppliers Database.
2. Prospective suppliers should self-register on the CSD website [www.csd.gov.za](http://www.csd.gov.za)
3. If a business is registered on the Database and it is found subsequently that false or incorrect information has been supplied, then the Ezemvelo KZN Wildlife may, without prejudice to any other legal rights or remedies it may have;
  - 3.1 cancel a bid or a contract awarded to such supplier, and the supplier would become liable for any damages if a less favorable bid is accepted or less favorable arrangements are made.
4. **The same principles as set out in paragraph 3 above are applicable should the supplier fail to request updating of its information on the Central Suppliers Database, relating to changed particulars or circumstances.**
5. IF THE SUPPLIER IS NOT REGISTERED AT THE CLOSING TIME OF BID, THE SUPPLIER WILL BE DISQUALIFIED AT THE BID EVALUATION PROCESS.

THIS IS TO CERTIFY THAT I (name of bidder/authorized representative)  
 ....., WHO

REPRESENTS (state name of bidder)  
 .....CSD Registration

Number.....

AM AWARE OF THE CONTENTS OF THE CENTRAL SUPPLIER DATABASE WITH RESPECT TO THE BIDDER'S DETAILS AND REGISTRATION INFORMATION, AND THAT THE SAID INFORMATION IS CORRECT AND UP TO DATE AS ON THE DATE OF SUBMITTING THIS BID.

AND I AM AWARE THAT INCORRECT OR OUTDATED INFORMATION MAY BE A CAUSE FOR DISQUALIFICATION OF THIS BID FROM THE BIDDING PROCESS, AND/OR POSSIBLE CANCELLATION OF THE CONTRACT THAT MAY BE AWARDED ON THE BASIS OF THIS BID.

.....  
**SIGNATURE OF BIDDER OR AUTHORISED REPRESENTATIVE**

**DATE:** .....

**PART A  
INVITATION TO BID**

|                                                                                                                                                                                                                          |                                                                                      |               |                                                                          |                                                                              |                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------|--------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <b>YOU ARE HEREBY INVITED TO QUOTE FOR REQUIREMENTS OF THE EZEMVELO KZN WILDLIFE</b>                                                                                                                                     |                                                                                      |               |                                                                          |                                                                              |                                                                                                       |
| RFQ NUMBER:                                                                                                                                                                                                              | 30/10/2024/4                                                                         | CLOSING DATE: | 29 November 2024                                                         | CLOSING TIME:                                                                | 16:00PM                                                                                               |
| DESCRIPTION                                                                                                                                                                                                              | UPGRADE OF MPILA CAMP WATER TREATMENT PLANT                                          |               |                                                                          |                                                                              |                                                                                                       |
| <b>BID RESPONSE DOCUMENTS MUST BE DEPOSITED TO THE FOLLOWING ADDRESS:</b>                                                                                                                                                |                                                                                      |               |                                                                          |                                                                              |                                                                                                       |
| QUOTATION DOCUMENT MUST BE SUBMITTED BY E-MAIL TO: <a href="mailto:procurement@kznwildlife.com">procurement@kznwildlife.com</a>                                                                                          |                                                                                      |               |                                                                          |                                                                              |                                                                                                       |
| <b>BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO</b>                                                                                                                                                                    |                                                                                      |               | <b>TECHNICAL ENQUIRIES MAY BE DIRECTED TO:</b>                           |                                                                              |                                                                                                       |
| CONTACT PERSON                                                                                                                                                                                                           | Mrs Nobuhle Hlela                                                                    |               | CONTACT PERSON                                                           | Mr Sihle Ximba                                                               |                                                                                                       |
| TELEPHONE NUMBER                                                                                                                                                                                                         | 033 845 1727                                                                         |               | TELEPHONE NUMBER                                                         | 033 330 5179                                                                 |                                                                                                       |
| FACSIMILE NUMBER                                                                                                                                                                                                         |                                                                                      |               | FACSIMILE NUMBER                                                         | N/A                                                                          |                                                                                                       |
| E-MAIL ADDRESS                                                                                                                                                                                                           | <a href="mailto:hlelan@kznwildlife.com">hlelan@kznwildlife.com</a>                   |               | E-MAIL ADDRESS                                                           | <a href="mailto:sihle.ximba@kznwildlife.com">sihle.ximba@kznwildlife.com</a> |                                                                                                       |
| <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                                                                                                                                                                                                  |                                                                                      |               |                                                                          |                                                                              |                                                                                                       |
| SUPPLIER COMPLIANCE STATUS                                                                                                                                                                                               | TAX COMPLIANCE SYSTEM PIN:                                                           |               | OR                                                                       | CENTRAL SUPPLIER DATABASE No:                                                | MAAA                                                                                                  |
| B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE                                                                                                                                                                             | TICK APPLICABLE BOX]<br><br><input type="checkbox"/> Yes <input type="checkbox"/> No |               | B-BBEE STATUS LEVEL SWORN AFFIDAVIT                                      |                                                                              | [TICK APPLICABLE BOX]<br><br><input type="checkbox"/> Yes <input type="checkbox"/> No                 |
| <b>[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES &amp; QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]</b>                                                    |                                                                                      |               |                                                                          |                                                                              |                                                                                                       |
| ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?                                                                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No<br>[IF YES ENCLOSE PROOF]   |               | ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED? |                                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> No<br>[IF YES, ANSWER THE QUESTIONNAIRE BELOW ] |
| <b>QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS</b>                                                                                                                                                                        |                                                                                      |               |                                                                          |                                                                              |                                                                                                       |
| IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?                                                                                                                                                          |                                                                                      |               |                                                                          | <input type="checkbox"/> YES <input type="checkbox"/> NO                     |                                                                                                       |
| DOES THE ENTITY HAVE A BRANCH IN THE RSA?                                                                                                                                                                                |                                                                                      |               |                                                                          | <input type="checkbox"/> YES <input type="checkbox"/> NO                     |                                                                                                       |
| DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?                                                                                                                                                               |                                                                                      |               |                                                                          | <input type="checkbox"/> YES <input type="checkbox"/> NO                     |                                                                                                       |
| DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?                                                                                                                                                                    |                                                                                      |               |                                                                          | <input type="checkbox"/> YES <input type="checkbox"/> NO                     |                                                                                                       |
| IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?                                                                                                                                                                |                                                                                      |               |                                                                          | <input type="checkbox"/> YES <input type="checkbox"/> NO                     |                                                                                                       |
| <b>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.3 BELOW.</b> |                                                                                      |               |                                                                          |                                                                              |                                                                                                       |

## PART B

### TERMS AND CONDITIONS FOR BIDDING

|                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1. BID SUBMISSION:</b>                                                                                                                                                                                                                      |
| 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.                                                                                                                   |
| 1.2. <b>ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.</b>                                                                                                    |
| 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT. |
| 1.4. <b>THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).</b>                                                                                                                                         |
| <b>2. TAX COMPLIANCE REQUIREMENTS</b>                                                                                                                                                                                                          |
| 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.                                                                                                                                                                                 |
| 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.                                                              |
| 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.                                                                                                                         |
| 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.                                                                                                                                                                   |
| 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.                                                                                             |
| 2.6 WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.                                                                                                          |
| 2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."                        |

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

SIGNATURE OF BIDDER: .....

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

DATE: .....

## BIDDER'S DISCLOSURE

### 1. PURPOSE OF THE FORM

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

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

### 2. Bidder's declaration

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

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

| Full Name | Identity Number | Name of State institution |
|-----------|-----------------|---------------------------|
|           |                 |                           |
|           |                 |                           |
|           |                 |                           |
|           |                 |                           |

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

2.2.1. If so, furnish particulars:

.....  
.....

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

2.3.1 If so, furnish particulars:

.....  
.....

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

### 3 DECLARATION

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

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium<sup>2</sup> will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.5 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.6 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.7 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

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

|                    |                          |
|--------------------|--------------------------|
| .....<br>Signature | .....<br>Date            |
| .....<br>Position  | .....<br>Name of bid der |

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

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

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

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

### 1. GENERAL CONDITIONS

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

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

### 1.2 To be completed by the organ of state

*(delete whichever is not applicable for this tender).*

- a) The applicable preference point system for this tender is the **80/20** preference point system.
- b) **80/20 preference point system** will be applicable in this tender. The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.

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

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

### 1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

|                                                  | POINTS     |
|--------------------------------------------------|------------|
| PRICE                                            | 80         |
| SPECIFIC GOALS                                   | 20         |
| <b>Total points for Price and SPECIFIC GOALS</b> | <b>100</b> |

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



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

## 2. DEFINITIONS

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

## 3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

### 3.1. POINTS AWARDED FOR PRICE

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

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

| 80/20                                                     | or | 90/10                                                     |
|-----------------------------------------------------------|----|-----------------------------------------------------------|
| $Ps = 80 \left( 1 - \frac{Pt - P_{min}}{P_{min}} \right)$ | or | $Ps = 90 \left( 1 - \frac{Pt - P_{min}}{P_{min}} \right)$ |

Where

Ps = Points scored for price of tender under consideration  
 Pt = Price of tender under consideration  
 Pmin = Price of lowest acceptable tender

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

#### 3.2.1. POINTS AWARDED FOR PRICE

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

| 80/20                                                     | or | 90/10                                                     |
|-----------------------------------------------------------|----|-----------------------------------------------------------|
| $Ps = 80 \left( 1 + \frac{Pt - P_{max}}{P_{max}} \right)$ | or | $Ps = 90 \left( 1 + \frac{Pt - P_{max}}{P_{max}} \right)$ |

Where

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

#### 4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:
- 4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—
- (a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
  - (b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,
- then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

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

**80/20 preference point system is applicable, corresponding points must also be indicated as such. Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)**

| The specific goals allocated points in terms of this tender                          | Number of points allocated<br>(80/20 system)<br>(To be completed by the organ of state) | Number of points claimed<br>(80/20 system)<br>(To be completed by the tenderer) |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| 51% Black owned enterprise                                                           | 8                                                                                       |                                                                                 |
| 51% owned by Black people who are women                                              | 4                                                                                       |                                                                                 |
| 51% owned by Black people who are youth                                              | 4                                                                                       |                                                                                 |
| Geographical Location<br>(Enterprises located in uMkhanyakude District Municipality) | 4                                                                                       |                                                                                 |

#### DECLARATION WITH REGARD TO COMPANY/FIRM

- 4.3. Name of company/firm.....
- 4.4. Company registration number: .....
- 4.5. TYPE OF COMPANY/ FIRM
- Report any Unethical Activity Without Fear of Victimization – Whistle Blow 0800 221 126 anytime

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

[TICK APPLICABLE BOX]

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

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

|                                             |       |
|---------------------------------------------|-------|
| .....<br><b>SIGNATURE(S) OF TENDERER(S)</b> |       |
| <b>SURNAME AND NAME:</b>                    | ..... |
| <b>DATE:</b>                                | ..... |
| <b>ADDRESS:</b>                             | ..... |
|                                             | ..... |

## AUTHORITY TO SIGN A BID

The bidder must indicate the enterprise status by signing the appropriate box hereunder.

| (I)<br>CLOSE<br>CORPORATION | (II)<br>COMPANIES | (III)<br>SOLE<br>PROPRIETOR | (IV)<br>PARTNERSHIP | (V)<br>CO-<br>OPERATIVE | (VI)<br>JOINT VENTURE /<br>CONSORTIUM |  |
|-----------------------------|-------------------|-----------------------------|---------------------|-------------------------|---------------------------------------|--|
|                             |                   |                             |                     |                         | Incorporated                          |  |
|                             |                   |                             |                     |                         | Unincorporated                        |  |

I/We, the undersigned, being the Member(s) of Cooperative/ Sole Owner (Sole Proprietor)/ Close Corporation/ Partners (Partnership)/ Company (Representative) or Lead Partner (Joint Venture / Consortium), in the enterprise trading as:

.....  
 hereby authorise Mr/Mrs/Ms .....  
 acting in the capacity of .....  
 whose signature is .....  
 to sign all documents in connection with this bid and any contract resulting therefrom on behalf of the enterprise.

| NAME | ADDRESS | SIGNATURE | DATE |
|------|---------|-----------|------|
|      |         |           |      |
|      |         |           |      |
|      |         |           |      |
|      |         |           |      |

*(if the space provided is not enough please list all the director in the resolution letter)*

### Note:

The following document must be attached to this form according to the status of the enterprise, in the form of a resolution authorising the signatory to sign all documents in connection with this bid and any contract resulting therefrom on behalf of the enterprise, and **such resolution shall include a specimen signature of the signatory.**

|                             |                                                                                                  |
|-----------------------------|--------------------------------------------------------------------------------------------------|
| Co-operative:               | Resolution letter from the directors                                                             |
| Close Corporation:          | Resolution letter from the directors                                                             |
| Company:                    | Resolution letter from the director/s                                                            |
| Sole Proprietor:            | Resolution letter from the director                                                              |
| Partnership:                | Resolution letter from the director                                                              |
| Joint Venture / Consortium: | Resolution/agreement passed/reached' signed by the authorised representatives of the enterprises |

**Note: Director/s may appoint themselves if they will be the one signing all documents in connection with this bid and any contract resulting therefrom on behalf of the enterprise.**

**Failure to complete, sign and date this form or failure to provide the certificate(s) in the form of a resolution as described above shall result in the tender being considered non-responsive and rejected.**

## **SPECIAL CONDITIONS OF CONTRACT**

### **1. INTRODUCTION**

This bid is subject to the Preferential Procurement Policy Framework Act and the Preferential Procurement Regulations, 2022; the General Conditions of Contract (GCC) and the following applicable other Special Conditions of Contract.

### **2. VALIDITY PERIOD**

The offers must remain valid for a period of 60 calendar days from the closing date of the submission of bids.

### **3. NATIONAL TREASURY CENTRAL SUPPLIER DATABASE**

Tenderers who are not registered on the National Treasury Central Supplier Database at close of tender, shall submit a copy of their application of registration, with their tender submission. Tenders received from such tenderers who have not submitted proof of their registration within 21 days after the closing date for tender submissions, will not be considered.

### **4. TAX MATTERS**

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

The Tax Compliance status requirements are also applicable to foreign bidders/individual who wish to submit bids.

Bidder must be registered on the Central Supplier Database (CSD) and provide its CSD number.

When a Consortium, Joint Venture, Sub-contractors is involved, each party must be registered on the CSD and their tax compliance status will be verified through the Central Supplier Database.

The bid will be awarded to the bidder who is tax compliant.

### **5. DECLARATION OF INTEREST (SBD 4)**

A bidder or his/her authorized representative is required to declare if the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest has any interest(s) in any other related enterprise whether or not they are bidding for this contract. The Bidder's Disclosure (SBD 4) must be completed fully and if disclosure is found not to be true and complete in every respect the bidder will be disqualified.

### **6. SPECIFIC GOALS FOR THE TENDER AND POINTS CLAIM (SBD 6.1)**

The tenderer must indicate how they claim points for specific goals and substantiate by submitting proof/ documentation stated in the conditions of this tender. Failure on the part of a tenderer to submit proof or documentation required in terms of this tender for specific goals will be interpreted to mean that preference points are not being claimed. The failure by the tenderer to indicate the points claimed will also result in points not being allocated.

## 7. EVALUATION CRITERIA

The evaluation process will be conducted in phase as follows:

| PHASE 1                                                                | PHASE 2                                                                           |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>Mandatory requirement and Completeness Screening</b>                | <b>Price and Preference Points System</b>                                         |
| Compliance and completeness of proposal per the set of bid conditions. | The bid will be evaluated in terms of Preferential Procurement Regulations, 2022. |

### 7.1. Phase 1: Compliance and completeness screening

- The bidder must be fully registered on the National Treasury Central Supplier Database (CSD) at the closing time of the bid.
- Bid documents must be properly received on the bid closing date and time specified on the invitation.
- Bidder must ensure compliance with their tax obligations. No tender may be awarded to any tenderer whose tax matters have not been declared by the SARS to be in order.
- In bids where consortia / joint ventures / sub-contractors are involved; each party must submit a separate TCS.
- The bid document must be fully completed, dated, signed and initial every page of the bid.
- The bidder or any of its directors/shareholders is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector.
- The bidder or any of its directors/shareholders are not restricted from doing business with government in terms of SCM Practice Note 05 of 2006.
- The bidder has made the necessary disclosures on SBD4.

### 7.2. Phase 2: Preference Point System

- The applicable preference point system for this tender is the 80/20 preference point system.
- Points shall be awarded for price is (80) and (20) for specific goals.
- The specific goals for the tender and points claimed are indicated per the table below:

| Specific Goals for Ezemvelo KZN Wildlife |                            |                          |                            |
|------------------------------------------|----------------------------|--------------------------|----------------------------|
| 51% Black owned enterprise               | 51% Women owned enterprise | 51% owned by Black youth | Bidder Geographic location |

- Points claimed must be substantiated by the following valid documents:
  - ✓ Proof of B-BBEE status level of contributor.

- ✓ In the case of B-BBEE certificates, the bidder must also submit the full verification report which shows the percentage of Black women and Black Youth ownership.
- ✓ Confirmation of bidder location in the form of a utility bill or letter from the ward Councillor.

### **CHECKLIST: COMPILATION OF BID DOCUMENT**

| No. | Description                                                                                                                  | Yes | No |
|-----|------------------------------------------------------------------------------------------------------------------------------|-----|----|
| 1.  | Did you take note of the closing date, time and how to submit your bid?                                                      |     |    |
| 2.  | Did you sign the SBD 1 form?                                                                                                 |     |    |
| 3.  | Did you take note of the Tax Compliance Status requirement?                                                                  |     |    |
| 4.  | Is the SBD 4 (Bidders Disclosure) true and complete in every respect?                                                        |     |    |
| 5.  | With regards to SBD 4; Have the companies that appear under each Director/Shareholder/Member been declared on paragraph 2.3? |     |    |
| 6.  | Is the SBD 6.1-form completed, signed and has documentary proof of points claimed provided?                                  |     |    |

### **Mandatory Requirements**

If a bidder does not comply fully with each of the mandatory requirements, it Shall be regarded as mandatory non-performance/non-compliance and the bid Shall be disqualified. No “unanswered” questions will be allowed. If a response to a question has been indicated as comply but not elaborated upon or substantiated it shall be regarded as mandatory non- performance/non-compliance and the bid shall be disqualified.

The bidder who fails to comply with the Mandatory Requirements will be disqualified.

### **NOTE:**

| No. | Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Comply | Non-Comply |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------|
| 1.  | Provide details and registration confirmation with CIDB in terms of the CIDB Act 38 of 2000. Provide proof of grading level 2 ME or higher                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |            |
| 2.  | <p>Provide track record of experience with water projects/ water treatment plants. Letters of award to be attached and completion certificates of a minimum of 2 relevant projects completed in the preceding 10 years.</p> <p>Proof of projects must be supported by:</p> <ul style="list-style-type: none"> <li>i. Signed award letters/ purchase order by the awarding institution/client.</li> <li>ii. Signed reference letters/ completion certificates by the awarding institution/client.</li> </ul> <p><b>NB:</b> Signed award letters/ purchase orders and completion/references should be for the same project.</p> |        |            |
| 3.  | Detailed CV with traceable references. Certificates of qualified artisans (electrician or millwright trade certificate).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |            |

# **THE CONTRACT**



# **PART C1: AGREEMENT AND DATA**

**PART C1        AGREEMENT AND CONTRACT DATA**

C1.1     FORM OF OFFER AND  
ACCEPTANCE

C1.2     CONTRACT DATA

C1.3     FORM OF GUARANTEE (PRO FORMA).

C1.4     AGREEMENT IN TERMS OF THE OCCUPATIONAL HEALTH AND SAFETY  
ACT, 1993(ACT NO 85 OF 1993)

## T2.21 - FORM OF OFFER AND ACCEPTANCE

### OFFER

The Employer, identified in the Acceptance signature block, has solicited offers to enter into a contract for the procurement of:

#### UPGRADE OF MPILA CAMP WATER TREATMENT PLANT

The Tenderer, identified in the Offer signature block, 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 authorized, 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:

|                           |          |
|---------------------------|----------|
| <b>Amount (in words):</b> |          |
|                           |          |
|                           |          |
| <b>Amount in figures:</b> | <b>R</b> |

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.

|                                      |                                |  |             |
|--------------------------------------|--------------------------------|--|-------------|
| <b>Signature (s)</b>                 |                                |  |             |
| <b>Name (s)</b>                      |                                |  |             |
| <b>Capacity</b>                      |                                |  |             |
| <b>For the tenderer</b>              |                                |  |             |
|                                      | (Name and address of tenderer) |  |             |
| <b>Name and signature of witness</b> |                                |  | <b>Date</b> |

### 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                      Agreement and Contract Data, (which includes this agreement)  
Part C2                      Pricing data

Report any Unethical Activity Without Fear of Victimization – Whistle Blow 0800 221 126 anytime

|         |                                                                                                                                   |
|---------|-----------------------------------------------------------------------------------------------------------------------------------|
| Part C3 | Scope of work.                                                                                                                    |
| Part C4 | Site information and drawings and documents or parts thereof, which may be incorporated by reference into the above listed Parts. |

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the returnable 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 form of offer and acceptance. No amendments to or deviations from said documents are valid unless contained in this schedule.

The tenderer shall within two weeks after receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the employer's agent (whose details are given in the contract data) to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the contract data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed original copy of this document, including the schedule of deviations (if any). Unless the tenderer (now contractor) within five (5) working days of the date of such receipt notifies the employer in writing of any reason why he/she cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the parties.

|                                      |                                       |  |  |
|--------------------------------------|---------------------------------------|--|--|
| <b>Signature (s)</b>                 |                                       |  |  |
| <b>Name (s)</b>                      |                                       |  |  |
| <b>Capacity</b>                      |                                       |  |  |
| <b>For the employer</b>              |                                       |  |  |
|                                      | <i>(Name and address of employer)</i> |  |  |
| <b>Name and signature of witness</b> |                                       |  |  |

### Schedule of Deviations

Notes:

1. The extent of deviations from the tender documents issued by the employer before the tender closing date is limited to those permitted in terms of the conditions of tender.
2. A tenderer's covering letter shall not be included in the final contract document. Should any matter in such letter, which constitutes a deviation as aforesaid, become the subject of agreements reached during the process of offer and acceptance, the outcome of such agreement shall be recorded here.
3. Any other matter arising from the process of offer and acceptance either as a confirmation, clarification or change to the tender documents and which it is agreed by the Parties becomes an obligation of the contract shall also be recorded here.
4. Any change or addition to the tender documents arising from the above agreements and recorded here, shall also be incorporated into the final draft of the Contract.

|                        |
|------------------------|
| <b>1.1.1. Subject:</b> |
| <b>Details:</b>        |

|                        |
|------------------------|
| <b>1.1.2. Subject:</b> |
| <b>Details:</b>        |

|                        |
|------------------------|
| <b>1.1.3. Subject:</b> |
| <b>Details:</b>        |

|                        |
|------------------------|
| <b>1.1.4. Subject:</b> |
| <b>Details:</b>        |

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.

**General Conditions of Contract for Construction Works, Third Edition (2015)**

**PRO FORMA  
CONTRACT DATA**

| REFERENCE        | CONTRACT SPECIFIC DATA PROVIDED BY THE EMPLOYER                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1.</b>        | <b>GENERAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Clause 1.1.1.13: | The Defects Liability Period is 12 months for the whole of the works.                                                                                                                                                                                                                                                                                                                                                                              |
| Clause 1.1.1.14: | The time for achieving Practical Completion is <b>3 months</b> from the Commencement Date, including non-working days and special non-working days.                                                                                                                                                                                                                                                                                                |
| Clause 1.1.1.26: | Pricing Strategy: The Contract is to be a Re-measurement Contract.                                                                                                                                                                                                                                                                                                                                                                                 |
| Clause 1.1.1.15: | <b>Name of Employer:</b> Ezemvelo KZN Wildlife                                                                                                                                                                                                                                                                                                                                                                                                     |
| Clause 1.2.1.2:  | <b>Address of Employer:</b><br><br><div> <div><u>Physical:</u></div> <div><u>Postal:</u></div> <div> Ezemvelo KZN Wildlife<br/> Queen Elizabeth Park<br/> No. 1 Peter Brown Drive<br/> Montrose, Pietermaritzburg<br/> 3201 </div> <div> Ezemvelo KZN Wildlife<br/> P O Box 13053<br/> Cascades<br/> 3202 </div> </div> E-Mail: <a href="mailto:Sihle.Ximba@kznwildlife.com">Sihle.Ximba@kznwildlife.com</a><br>Telephone No: (033) 330 5179       |
| Clause 1.1.1.16: | <b>Name of Employer's Agent:</b> Ezemvelo KZN Wildlife                                                                                                                                                                                                                                                                                                                                                                                             |
| Clause 1.2.1.2:  | <b>Address of Employer's Agent:</b><br><br><div> <div><u>Physical:</u></div> <div><u>Postal:</u></div> <div> Ezemvelo KZN Wildlife<br/> Queen Elizabeth Park<br/> No. 1 Peter Brown Drive<br/> Montrose, Pietermaritzburg<br/> 3201 </div> <div> Ezemvelo KZN Wildlife<br/> P O Box 13053<br/> Cascades<br/> 3202 </div> </div> E-mail: <a href="mailto:Sihle.Ximba@kznwildlife.com">Sihle.Ximba@kznwildlife.com</a><br>Telephone No: 033 330 5179 |



| REFERENCE      | CONTRACT SPECIFIC DATA PROVIDED BY THE EMPLOYER                                                                                                                                                                                                                                                                                                                                                                              |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clause 5.8.1:  | <p>The non-working days are Sundays.</p> <p>The special non-working days are the construction industry year end break, and all Nationally Recognized Public Holidays.</p> <p>First Year end break - commences <b>09-Dec-24</b> ends on <b>09-Jan-25</b><br/> Second Year end break - commences <b>09-Dec-25</b> ends on <b>09-Jan-26</b><br/> Third Year end break - commences <b>15-Dec-26</b> ends on <b>15-Jan-27</b></p> |
| Clause 5.13.1: | The penalty for failing to complete the Works is <b>0,04%</b> of the Contract Sum per day.                                                                                                                                                                                                                                                                                                                                   |
| Clause 5.16.3: | The latent defects period is 5 years.                                                                                                                                                                                                                                                                                                                                                                                        |
| Clause 6.2.2:  | Replace the following "..it shall be deemed that the Contractor has selected a security of ten percent retention of the value of the Works." with "..it shall be deemed that the Contractor has selected a security of a bank or insurance guarantee of 5% of the value of the Works and a payment reduction of 5% of the value certified in the payment certificate excluding value added tax."                             |



| REFERENCE                                                                                                                                    | CONTRACT SPECIFIC DATA PROVIDED BY THE EMPLOYER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>6.</b></p> <p>Clause 6.8.1</p> <p>Clauses 6.8.2</p><br><p>GCC 6.8.2 and 6.8.3:</p><br><p>Clause 6.10.1.5:</p><br><p>Clause 6.10.3:</p> | <p><b>PAYMENT AND RELATED MATTERS</b></p> <p>Notwithstanding anything to the contrary contained in the General conditions of Contract and Preliminaries, this contract could only, when the construction period exceeds 6 months and the contract exceeds R1,000,000.00, be subject to a Contract Price Adjustment Factor.</p> <p>Clause 6.8.2 the last part of the sentence saying "calculated according to the formula and the conditions set out in the Contract Price Adjustment Schedule." must be replaced by "calculated according to the Contract Price Adjustment Provisions (CPAP) Indices Application Manual for use with P0151 indices (Revised 1 January 2018)" as published by Statistics South Africa. The Contract Price Adjustment Provision (CPAP) will be subject to the most recently released indices by Statistic South Africa. Bidders are advised that with reference to Clause 3.4.6 of the Contract Price Adjustment Provisions (CPAP) Indices Applications Manual, the Head: Public Works will not accept the submission by Bidders of lists of additional items."</p> <p>The percentage advance on materials not yet built into the Permanent Works is 80%.</p> <p>The percentage retention on the amounts due to the Contractor is 10%.</p> <p>The limit of retention money is 5% of the first One Million Rand plus 1.6% of the remaining amount of the tender offer excluding Contract Price Adjustment, contingencies and VAT.</p> <p>A retention guarantees in lieu of a cash retention is permitted.</p> |
| <p><b>8.</b></p><br><p>Clause 8.6.1.1.2:</p><br><p>Clause 8.6.1.1.3:</p><br><p>Clause 8.6.1.2:</p><br><p>Clause 8.6.1.3:</p>                 | <p><b>RISKS AND RELATED MATTERS</b></p> <p>The value of Plant and materials supplied by the Employer to be included in the insurance sum is <u>NIL</u>.</p> <p>The amount to cover professional fees for repairing or reinstatement of damage to the Works to be included in the insurance sum is <u>NIL</u>.</p> <p>Special Risks Insurance issued by SASRIA is required.</p> <p>The limit of indemnity for liability insurance is <u>R10 000 000,00 (ten million Rand only)</u> for any single liability claim. Liability insurance shall include spread of fire risk.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <p><b>10.</b></p><br><p>Clause 10.5.3:</p><br><p>Clause 10.7.1:</p>                                                                          | <p><b>CLAIMS AND DISPUTES</b></p> <p>The number of Adjudication Board Members to be appointed is one.</p> <p>Unresolved disputes shall be referred to arbitration only.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## C1.2.2: CONTRACT DATA

### (i) PART B: DATA PROVIDED BY THE CONTRACTOR

The following contract specific data are applicable to this contract.

| REFERENCE       | CONTRACT SPECIFIC DATA PROVIDED BY THE CONTRACTOR                                                                                                                                                                                                                                                               |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1.</b>       | <b>GENERAL</b>                                                                                                                                                                                                                                                                                                  |
| Clause 1.1.1.9: | <b>Name of the Contractor:</b><br>.....<br>.....                                                                                                                                                                                                                                                                |
| Clause 1.2.1.2: | .....<br><b>Address of the Contractor:</b><br><br><div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <u>Physical:</u><br/> .....<br/> .....<br/> .....<br/> ..... </div> <div style="width: 45%;"> <u>Postal:</u><br/> .....<br/> .....<br/> .....<br/> ..... </div> </div> |

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>6.</p> <p>Alternative A:</p> | <p><b>PAYMENT AND RELATED MATTERS</b></p> <p>Payment Of Preliminaries (Clause 6.7, 6.8, 6.10 and 6.11)</p> <p>For the adjustment of Preliminaries both the Contract Sum and the Contract Value (including tax) shall exclude the amount of Preliminaries, all Contingency Sum(s) and any provision for Cost Price Adjustment Provisions: -</p> <ul style="list-style-type: none"> <li>- An amount which shall not be varied.</li> <li>- An amount varied in proportion to the contract value as compared to the Contract Sum.</li> <li>- An amount varied in proportion to the Construction Period as compared to the initial Construction Period (excluding revisions to the Construction Period to which the Contractor is not entitled) to adjustment of the Contract Value in terms of the agreement.</li> </ul> <p>The Contractor shall provide a breakdown of charges (including tax) within 15 working days of the date of acceptance of tender and, where applicable, an apportionment of Preliminaries per section</p> <p>If the Contractor and the Principal Agent cannot agree, within ten (10) Working Days from the Commencement Date, on such a division then the Principal Agent shall make a division of the Preliminaries to be incorporated in the valuations for each monthly payment certificate as follows:</p> <ul style="list-style-type: none"> <li>0% of the amount shall not be varied</li> <li>10% of the amount shall not be varied</li> <li>15% varied in proportion of the Contract Value to the Contract Sum</li> <li>75% varied in proportion to the revised Construction period compared with the initial Construction Period</li> </ul> <p>Sectional Completion: Subdivision of Preliminaries Costs</p> <p>For the adjustment of preliminaries for sections of the work the value of fixed, value, and time related amounts of the preliminaries for each section is required. The contractor is to provide such information within fifteen (15) working days of taking possession of the site, failing which the categorised preliminaries amounts shall be prorated to the value of each section.</p> <p>The above shall apply equally for projects where sectional completion was not contemplated at tender stage but subsequently occurred on an ad hoc basis during construction of the works as agreed between the client and the employer. The original priced categorized amounts for fixed, value, and time related amounts shall be prorated to the value of each section.</p> <p>When an extension of time has been granted in terms of the GCC and the preliminaries require to be adjusted accordingly, the pertinent sectional (subdivided) categorised preliminaries amounts shall be utilised, where applicable and not the overall preliminary amounts.</p> <p>Where sectional completion is required in terms of the agreement, the Contractor</p> |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| <p>Alternative B:</p>                                                                                                                                           | <p>shall provide the Principal Agent with the division of the above categorized amounts into sections. Should the Contractor fail to provide such information within the period stipulated the categorized amounts shall be prorated to the value of each section.</p> <p>The Contractor shall within 15 working days of the date of possession of the site provide the Principal Agent with a detailed breakdown of Preliminaries amounts for the works as a whole, or per section where applicable, including administrative and supervisory staff charges and for the use of construction equipment in terms of the programme. (Not Applicable).</p> <p>The contractor is informed that only option 'A' shall apply</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                  |                                                 |                                                 |  |                                                                |  |                                                                                                                                                  |  |                                                                                                                                                                 |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------------------------|-------------------------------------------------|--|----------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <p>Guarantee Options:</p>                                                                                                                                       | <p>The Bidder agrees to provide a bank or insurance guarantee in accordance with clause 6.2.3 of the Conditions of the GCC 2015 Contract within the period stated in the Contract Data. This guarantee shall be for a sum equal to an amount stated in the Contract Data.</p> <p>Guarantees submitted must be issued by either an insurance company duly registered in terms of the Insurance Act (Long Term Insurance Act No 52 of 1998 or Short-Term Insurance Act No 53 of 1998) or by a bank duly registered in terms of the Banks Act No 94 of 1990, on the pro-forma referred to above. No alterations or amendments of the wording of the pro-forma will be accepted.</p> <p>"the Bidder accepts that in respect of contracts up to R1 million, a payment reduction of 5% of the contact value will be applicable and will be reduced by the Employer in terms of the applicable conditions of contract.</p> <p>"</p> <table border="1" data-bbox="422 1115 1361 1516"> <thead> <tr> <th data-bbox="422 1115 1166 1249">Type of security</th> <th data-bbox="1166 1115 1361 1249">Contractor's choice<br/>(Indicate "Yes" or "No")</th> </tr> </thead> <tbody> <tr> <td data-bbox="422 1249 1166 1283"><i>Cash deposit of 10% of the Contract Sum.</i></td> <td data-bbox="1166 1249 1361 1283"></td> </tr> <tr> <td data-bbox="422 1283 1166 1317"><i>Fixed Performance Guarantee of 10% of the Contract Sum.</i></td> <td data-bbox="1166 1283 1361 1317"></td> </tr> <tr> <td data-bbox="422 1317 1166 1417"><i>Cash deposit of 5% of the Contract Price and a payment reduction of 5% of the value certified in the payment certificate (excluding VAT).</i></td> <td data-bbox="1166 1317 1361 1417"></td> </tr> <tr> <td data-bbox="422 1417 1166 1516"><i>Bank or insurance guarantee of 5% of the Contract Price and a payment reduction of 5% of the value certified in the payment certificate (excluding VAT).</i></td> <td data-bbox="1166 1417 1361 1516"></td> </tr> </tbody> </table> <p>NOTE: Where the Bidder has not selected one of the guarantee options above, the default option will be as if the Bidder has selected a security of a bank or insurance guarantee of 5% of the value of the Works and a payment reduction of 5% of the value certified in the payment certificate excluding value added tax. - See GCC 2015 clause 6.2.2 as amended in Contract Data.</p> | Type of security | Contractor's choice<br>(Indicate "Yes" or "No") | <i>Cash deposit of 10% of the Contract Sum.</i> |  | <i>Fixed Performance Guarantee of 10% of the Contract Sum.</i> |  | <i>Cash deposit of 5% of the Contract Price and a payment reduction of 5% of the value certified in the payment certificate (excluding VAT).</i> |  | <i>Bank or insurance guarantee of 5% of the Contract Price and a payment reduction of 5% of the value certified in the payment certificate (excluding VAT).</i> |  |
| Type of security                                                                                                                                                | Contractor's choice<br>(Indicate "Yes" or "No")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |                                                 |                                                 |  |                                                                |  |                                                                                                                                                  |  |                                                                                                                                                                 |  |
| <i>Cash deposit of 10% of the Contract Sum.</i>                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |                                                 |                                                 |  |                                                                |  |                                                                                                                                                  |  |                                                                                                                                                                 |  |
| <i>Fixed Performance Guarantee of 10% of the Contract Sum.</i>                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |                                                 |                                                 |  |                                                                |  |                                                                                                                                                  |  |                                                                                                                                                                 |  |
| <i>Cash deposit of 5% of the Contract Price and a payment reduction of 5% of the value certified in the payment certificate (excluding VAT).</i>                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |                                                 |                                                 |  |                                                                |  |                                                                                                                                                  |  |                                                                                                                                                                 |  |
| <i>Bank or insurance guarantee of 5% of the Contract Price and a payment reduction of 5% of the value certified in the payment certificate (excluding VAT).</i> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |                                                 |                                                 |  |                                                                |  |                                                                                                                                                  |  |                                                                                                                                                                 |  |

## Appendix 3

### General Conditions of Contract for Construction Works, Third Edition (2015)

#### PERFORMANCE GUARANTEE

For use with the General Conditions of Contract for Construction Works, Third Edition (2015).

##### **GUARANTOR DETAILS AND DEFINITIONS**

“Guarantor” means: .....

Physical address: .....

“Employer” means: .....

“Contractor” means: .....

“Employer's Agent” means: .....

“Works” means: .....

“Site” means: .....

“Contract” means: The Agreement made in terms of the Form of Offer and Acceptance and such amendments or additions to the Contract as may be agreed in writing between the parties.

“Contract Sum” means: The accepted amount inclusive of tax of R .....

Amount in words: .....

“Guaranteed Sum” means: The maximum aggregate amount of R .....

Amount in words: .....

Type of Performance Guarantee: Fixed

“Expiry Date” means: Practical Completion date or any other later date set by the Contractor and/or Employer provided such instruction is received prior to the Expiry Date as indicated here.

##### **CONTRACT DETAILS**

Employer's Agent issues: Interim Payment Certificates, Final Payment Certificate and the Certificate of Completion of the Works as defined in the Contract.

#### **1. FIXED PERFORMANCE GUARANTEE**

- 1.1 Where a Fixed Performance Guarantee has been selected, the Guarantor's liability shall be limited to the amount of the Guaranteed Sum.
- 1.2 The Guarantor's period of liability shall be from and including the date on which the Performance Guarantee is signed, up to and including the Expiry Date, or the date of issue by the Employer's Agent of the Certificate of Completion of the Works, or the date of payment in full of the Guaranteed Sum, whichever occurs first.
- 1.3 The Employer's Agent and/or the Employer shall advise the Guarantor in writing of the date on which the Certificate of Completion of the Works has been issued.

#### **2. CONDITIONS APPLICABLE TO VARIABLE AND FIXED PERFORMANCE GUARANTEES**

- 2.1 The Guarantor hereby acknowledges that:
  - 2.1.1 Any reference in this Performance Guarantee to the Contract is made for the purpose of convenience and shall not be construed as any intention whatsoever to create an accessory obligation or any intention whatsoever to create a suretyship.

- 2.1.2 Its obligation under this Performance Guarantee is restricted to the payment of money.
- 2.2 Subject to the Guarantor's maximum liability referred to in 1.1 or 2.1, the Guarantor hereby undertakes to pay the Employer the sum certified upon receipt of the documents identified in 3.2.1 to 3.2.3:
  - 2.2.1 A copy of a first written demand issued by the Employer to the Contractor stating that payment of a sum certified by the Employer's Agent in an Interim or Final Payment Certificate has not been made in terms of the Contract and failing such payment within seven (7) calendar days, the Employer intends to call upon the Guarantor to make payment in terms of 3.2.2.
  - 2.2.2 A first written demand issued by the Employer to the Guarantor at the Guarantor's physical address with a copy to the Contractor stating that a period of seven (7) days has elapsed since the first written demand in terms of 3.2.1 and the sum certified has still not been paid;
  - 2.2.3 A copy of the aforesaid payment certificate which entitles the Employer to receive payment in terms of the Contract of the sum certified in 3.2.
- 2.3 Subject to the Guarantor's maximum liability referred to in 1.1 or 2.1, the Guarantor undertakes to pay to the Employer the Guaranteed Sum or the full outstanding balance upon receipt of a first written demand from the Employer to the Guarantor at the Guarantor's physical address calling up this Performance Guarantee, such demand stating that:
  - 2.3.1 the Contract has been terminated due to the Contractor's default and that this Performance Guarantee is called up in terms of 3.3; or
  - 2.3.2 a provisional or final sequestration or liquidation court order has been granted against the Contractor and that the Performance Guarantee is called up in terms of 3.3; and
  - 2.3.3 the aforesaid written demand is accompanied by a copy of the notice of termination and/or the provisional/final sequestration and/or the provisional liquidation court order.
- 2.4 It is recorded that the aggregate amount of payments required to be made by the Guarantor in terms of 3.2 and 3.3 shall not exceed the Guarantor's maximum liability in terms of 1.1 or 2.1.
- 2.5 Where the Guarantor has made payment in terms of 3.3, the Employer shall upon the date of issue of the Final Payment Certificate submit an expense account to the Guarantor showing how all monies received in terms of this Performance Guarantee have been expended and shall refund to the Guarantor any resulting surplus. All monies refunded to the Guarantor in terms of this Performance Guarantee shall bear interest at the prime overdraft rate of the Employer's bank compounded monthly and calculated from the date payment was made by the Guarantor to the Employer until the date of refund.
- 2.6 Payment by the Guarantor in terms of 3.2 or 3.3 shall be made within seven (7) calendar days upon receipt of the first written demand to the Guarantor.
- 2.7 Payment by the Guarantor in terms of 3.3 will only be made against the return of the original Performance Guarantee by the Employer.
- 2.8 The Employer shall have the absolute right to arrange his affairs with the Contractor in any manner which the Employer may consider fit and the Guarantor shall not have the right to claim his release from this Performance Guarantee on account of any conduct alleged to be prejudicial to the Guarantor.
- 2.9 The Guarantor chooses the physical address as stated above for the service of all notices for all purposes in connection herewith.
- 2.10 This Performance Guarantee is neither negotiable nor transferable and shall expire in terms of 1.1.2 or 2.2, where after no claims will be considered by the Guarantor. The original of this Guarantee shall be returned to the Guarantor after it has expired.
- 2.11 This Performance Guarantee, with the required demand notices in terms of 3.2 or 3.3, shall be regarded as a liquid document for the purposes of obtaining a court order.
- 2.12 Where this Performance Guarantee is issued in the Republic of South Africa the Guarantor hereby consents in terms of Section 45 of the Magistrates' Courts Act No 32 of 1944, as amended, to the jurisdiction of the Magistrate's Court of any district having jurisdiction in terms of Section 28 of the said Act, notwithstanding that the amount of the claim may exceed the jurisdiction of the Magistrate's Court.

**Signed at** .....

**Date** .....

Report any Unethical Activity Without Fear of Victimization – Whistle Blow 0800 221 126 anytime

**Guarantor's signatory (1)** .....  
**Capacity**.....  
**Guarantor's signatory (2)** .....  
**Capacity** .....  
**Witness signatory (1)** .....  
**Witness signatory (2)** .....

**PRICING INSTRUCTIONS**  
**GCC FOR CONSTRUCTION WORKS (Third Edition 2015)**

|                       |                                                    |
|-----------------------|----------------------------------------------------|
| <b>Project title:</b> | <b>UPGRADE OF MPILA CAMP WATER TREATMENT PLANT</b> |
|-----------------------|----------------------------------------------------|

**C2.1 Pricing Instructions**

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | <p>Where any item is not relevant to this specific contract, such item is marked N/A (signifying “not applicable”)</p> <p>The adjustment of the preliminaries each item priced is to be allocated to one or more of the three categories by insertion of “F”, “V”, “T” as the case may be against the price in the “rate” column immediately preceding the “amount” column, where “F” denotes a fixed amount (amount not varied), “V” denotes an amount variable in proportion to value and “T” denotes an amount variable in proportion to time.</p>                                                                                                               |
| <b>1</b> | <p><b>MASSES AND MEASURING UNITS</b></p> <p>These shall be in accordance with the Measuring Units and National Measuring Standards Act No. 76 of 1973 and amendments thereto.</p> <p>The pages of each of these documents are numbered consecutively and before the Bidder submits his bid he should check the number of pages, and if any are found missing or duplicated, or the figures or writing indistinct, or the documents contain any obvious error, he should apply to the Head : Public Works AT ONCE and have same rectified as no liability whatsoever will be admitted by the Administration in respect of errors in Tender due to the foregoing.</p> |
| <b>2</b> | <p><b>PRICES FOR VARIATIONS</b></p> <p>Where prices or quotations for variations are submitted by the Contractor during the currency of the Contract, it is to be clearly understood that these are for the purpose of consideration by the Employer and that there is no assumption of acceptance. The Contractor will be notified of acceptance of prices or quotations either by insertion of the amount on the variation order or by written intimation.</p>                                                                                                                                                                                                    |
| <b>3</b> | <p><b>SCALE</b></p> <p>The scale to which the Drawings are made is only to be made use of when no figured dimensions are given either on the Drawings or in the tender documents and the figured dimensions are always to be followed though they may not coincide with the scale of the Drawings, but dimensions where possible are to be taken from the buildings.</p>                                                                                                                                                                                                                                                                                            |
| <b>4</b> | <p><b>PROVISIONAL ITEMS</b></p> <p>All items described as "Provisional" shall be used as directed by the Employer and measured and valued or paid for.</p> <p>No work for which "Provisional" items are allowed shall be commenced without written instructions from the Employer.</p>                                                                                                                                                                                                                                                                                                                                                                              |
| <b>5</b> | <p><b>TIMELY ORDERING OF MATERIALS</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |



The Contractor is warned to place all orders for materials or special articles as early as possible, as he will be held solely responsible for any delay in the delivery of such goods. Nevertheless this tender is conditional upon no liability being attached to the Contractor if delivery of materials is rendered impossible by reason of any act of the Government.

## **6 ELECTRICAL LIGHTING, POWER AND WATER REQUIREMENTS**

The Contractor shall provide any artificial lighting which may be necessary or required for the proper execution of the works, and provide electric power and water required by all Sub-Contractors, Nominated Sub-Contractors and Sub-Contractors appointed directly by the Employer.

The Contractor shall give all notices and pay all fees in connection with temporary electrical and water connections and shall connect temporary Electrical and Water meters for and pay for all current and water consumed.

Bidders are advised that the permanent light fittings and water points of any kind installed in the Works are not to be used to provide temporary lighting and supplement water requirements for construction purposes.

## **7 IMPORT PERMITS, DUTIES AND SURCHARGES.**

All bids by means of which imported products are being called for, must use the rate of exchange 14 days prior to the closing date indicated in the bid documents. If this day falls on a weekend or public holiday, the next working day must be used.

Furthermore, Bidders must submit documentary proof (in the form of a certified copy) from their bank or legally recognised financial institution, clearly indicating what the rate of exchange was 14 days prior to the closing date, as mentioned above.

Together with this, the Bidder must confirm that the tender price relating to an imported product, was based on the rate of exchange 14 days prior to the closing date as mentioned above.

## **8 STANDARD SYSTEM OF MEASUREMENT WHERE BILLS OF QUANTITIES FORM PART OF THE BID DOCUMENTS**

The work executed under this Contract has been measured in accordance with the;

### **Standard System of Measuring Builders Work (7th Edition)**

including all amendments unless descriptions of items indicate a deviation, and it shall be understood that the system of measurement which is herein adopted is the only system of measurement which will be recognised in connection with this contract. Any contradictions to this system of measurement contained in the "The General Preambles for Trades 2017" shall be disregarded (unless same have been accommodated in the system of measurement) but applicable rates shall be included for all requirements stated and not measured separately in compliance with this system.

## **9 PRICING OF ROCK EXCAVATIONS**

|                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                         |  |                                                         |  |
|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------|--|---------------------------------------------------------|--|
|                                                         | It is a condition of this bid that should the bidder elect to price the Rock Excavation included in this bid, the rates must be market related and should be identically priced for the same classification of excavations and not vary for similar billed items in the different sections.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                         |  |                                                         |  |
| 10                                                      | <b>BROAD BASED BLACK ECONOMIC EMPOWERMENT</b><br><br>1. It is the deliberate policy of the Provincial Administration of KwaZulu-Natal to foster and to encourage the economic empowerment of Black South Africans. This policy will be implemented without prescription and without prejudicing the principles and the integrity of the Provincial Administration of KwaZulu-Natal. Subject to these constraints and also subject to good business practise and commercial consideration, it is therefore considered appropriate that the Provincial Administration of KwaZulu-Natal should encourage business relationships with companies which actively pursue Affirmative Action and Black Economic Empowerment Programmes.<br><br><u>2.</u> In responding to this tender, you are therefore encouraged to devote attention to these two subjects of Affirmative Action and Economic Empowerment. In addition, in considering the appointment of sub-contractors, you are requested to extend the spirit of these policies.<br><br>3. The foregoing enunciations of this policy are not intended to be prescriptive nor to preclude any individual or operation from responding to this bid.                                                                                                                                                                                     |  |                         |  |                                                         |  |
| 11                                                      | <b>REGISTRATION ON THE CENTRAL SUPPLIERS DATABASE</b><br><br>1. In terms of the Public Finance Management Act (PFMA), 1999 (Act No 1 of 1999) Section 38 (1) (a) (iii) and 51 (1) (iii) and Section 76 (4) of PFMA National Treasury developed a single platform, The Central Supplier Database (CSD) for the registration of prospective suppliers including the verification functionality of key supplier information.<br><br><u>2.</u> Prospective suppliers will be able to self - register on the CSD website: <a href="http://www.csd.gov.za">www.csd.gov.za</a><br><br>3. Once the supplier information has been verified with external data sources by National Treasury a unique supplier number and security code will be allocated and communicated to the supplier. Suppliers will be required to keep their data updated regularly and should confirm at least once a year that their data is still current and updated.<br><br>4. Suppliers can provide their CSD supplier number and unique security code to organs of state to view their verified CSD information.<br><br>5 Bidders are required to fill in clearly, legibly, in bold print and black ink their CSD supplier number in the space hereunder:<br><table><tr><td><b>Name of Supplier</b></td><td></td></tr><tr><td><b>Central Supplier Database (CSD) Supplier Number:</b></td><td></td></tr></table> |  | <b>Name of Supplier</b> |  | <b>Central Supplier Database (CSD) Supplier Number:</b> |  |
| <b>Name of Supplier</b>                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                         |  |                                                         |  |
| <b>Central Supplier Database (CSD) Supplier Number:</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                         |  |                                                         |  |
| 12                                                      | <b>TAX CLEARANCE REQUIREMENTS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                         |  |                                                         |  |

**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. It is a condition of this Offer of Commission that your practice remains in good standing with SARS (South African Revenue Services) in terms of its tax clearance, during the project, which is required to process your payment certificates.**

- 1 In order to meet this requirement bidders are required to apply via e-filing at any SARS branch office nationally. The Tax Compliance Status (TCS) requirements are also applicable to foreign bidders / individuals who wish to submit bids.
- 2 SARS will then furnish the bidder with a Tax Compliance Status (TCS) PIN that will be valid for a period of 1 (one) year from the date of approval.
- 3 In bids where Consortia / Joint Ventures / Sub-contractors are involved, each party must submit a separate Tax Compliance Status (TCS) PIN.
- 4 Application for Tax Compliance Status (TCS) PIN can be done via e-filing at any SARS branch office nationally or on the website [www.sars.gov.za](http://www.sars.gov.za).
- 5 Tax Clearance Certificates may be printed via eFiling. In order to use this provision, taxpayers will need to register with SARS as eFilers through the website [www.sars.gov.za](http://www.sars.gov.za).
- 6 Tax Clearance Certificates may be printed via eFiling. In order to use this provision, taxpayers will need to register with SARS as eFilers through the website [www.sars.gov.za](http://www.sars.gov.za).

|                                              |  |
|----------------------------------------------|--|
| <b>Security PIN Number</b>                   |  |
| <b>Company / Entity Tax Reference Number</b> |  |

**13 BILLS OF QUANTITIES/LUMP SUM DOCUMENT**

The Bills of Quantities document forms part of and must be read and priced in conjunction with all the other documents forming part of the contract documents, the Standard Conditions of Bid, Conditions of Contract, Standard Preambles to all Trades, Specifications, Drawings and all other relevant documentation.

**14 VALUE ADDED TAX**

The bid price must include for Value Added Tax (VAT). All rates, provisional sums, etc. in the Bills of Quantities must however be net (exclusive of VAT) with VAT calculated and added to the Total Value thereof in the Final Summary.

**15 FIXED PRICE CONTRACT**

Should the Bills of Quantities/Lump Sum Document be a fixed price contract, the following clause must be inserted in the Pricing Instructions:

Bidders are to take note that the contract price adjustments are not applicable to this contract. Bidders should therefore make provision in the Contract Sum, schedule of rates, etc. for possible price increases during the contract period, as no claims in this regard shall be entertained.

| <b>C3.1 SCOPE OF WORKS</b><br><b>GCC FOR CONSTRUCTION WORKS (3<sup>rd</sup> Edition of 2015)</b>                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Scope of Works complied in accordance with SANS 10403 where reference is made to this part of SANS 1921-1:2004</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Project title:</b>                                                                                                 | <b>UPGRADE OF MPILA CAMP WATER TREATMENT PLANT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>1</b>                                                                                                              | <p><b><u>SECTION 1</u></b></p> <p><b><u>EXTENT OF THE WORKS</u></b></p> <p><b>1.1 EMPLOYERS OBJECTIVES</b></p> <p>To upgrade the water treatment plant at Mpila Camp by replacing the existing pumps and generators for Ezemvelo KZN Wildlife</p> <p><b>1.2 OVERVIEW OF THE WORKS</b></p> <p>To upgrade the water treatment plant at Mpila Camp by replacing the existing pumps and generators for Ezemvelo KZN Wildlife.</p> <p><b>1.3 EXTENT OF THE WORKS</b></p> <p>The scope of work includes, but is not limited to:</p> <ul style="list-style-type: none"> <li>• Upgrade of Electrical control panel.</li> <li>• Supply installation of cylinder generator</li> <li>• Upgrade of Abstraction to automatically switch off abstraction pump when reservoir water level is full – leave manual operations it seems adequate.</li> <li>• Installation of HD60H pumps with motor and sundries.</li> </ul> <p>It is the intent of this Contract to require an installation complete in all details, whether or not indicated by Ezemvelo's requirements or specifications, for the successful operation of the water treatment plant system at Mpila Camp.</p> <p><b>Electrical Panel upgrade</b></p> <p>The operation MCC panel will have the following functional description.</p> <ul style="list-style-type: none"> <li>• The operation of the abstraction pump must be coupled to both the floc and sod. Hypo dosing pumps and must render the backwashing pump inoperable.</li> <li>• The backwashing pump must be manually operated from the control panel.</li> <li>• The panel mains and all pumps must have green led pilot lights to indicate that they are energised and red pilot lights to indicate that they are off.</li> <li>• There must be separate buttons to switch on or switch-off the pumps.</li> <li>• There should be a 220-volt socket in the panel for operating maintenance equipment.</li> </ul> <p>NB the pump must be supplied with a full installation kit which includes a foot-valve, electrical cabling, tubing, etc.</p> <p><b>1.4 LOCATION OF THE WORKS</b></p> |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     | The site is situated at Mpila Camp, Hluhluwe Imfolozi Park                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 1.5 | <b>TEMPORARY WORKS</b><br><br>All temporary work to comply with the Occupational Health and safety Act (Act 85 of 1993)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 2   | <b><u>ENGINEERING</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 2.1 | <b>EMPLOYER'S DESIGN</b><br><br>N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2.2 | <b>DESIGN BRIEF</b><br><br>N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 2.3 | <b>DRAWINGS</b><br><br>N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2.4 | <b>DESIGN PROCEDURES</b><br><br>N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 3   | <b><u>PROCUREMENT</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 3.1 | <b>PREFERENTIAL PROCUREMENT PROCEDURES</b><br><br>This bid will be subject to the implementation of the Preferential Procurement Regulations, 2017 pertaining to the Preferential Procurement Policy Framework Act, Act Number 5 of 2000 and the relevant Supply Chain Management Legislation and the KwaZulu-Natal Supply Chain Management Policy Framework published by the KwaZulu-Natal Provincial Treasury. Bidders are referred to <a href="http://www.kzntreasury.gov.za">www.kzntreasury.gov.za</a> for access to the relevant documents. Bidders are advised to familiarize themselves with the contents of the KwaZulu-Natal Supply Chain Management Policy Framework regarding Preference Point Systems, evaluation of bids appeals and other matters. |
| 3.2 | <b>RESOURCE STANDARD PERTAINING TO TARGETED PROCUREMENT</b><br><br>NOTE: This project will be adjudicated as not exceeding R 50,000 000,00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 3.3 | <b>SCOPE OF MANDATORY SUBCONTRACT WORK</b><br><br>Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 3.4 | <b>PREFERRED SUBCONTRACTORS/SUPPLIERS</b><br><br>Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| 3.5 | <p><b>SUBCONTRACTING PROCEDURES</b></p> <p>Not applicable</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 4   | <p><b><u>CONSTRUCTION</u></b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 4.1 | <p><b>APPLICABLE SANS 2001 STANDARDS FOR CONSTRUCTION WORKS</b></p> <p>The Contractor is referred to the "The General Preambles for Trades 2017", any "Supplementary Preambles", the Electrical Specifications and Mechanical Specification for full descriptions of materials and methods referred to in these Bills of Quantities/Lump Sum documents, insofar as they apply. The Contractor is advised to study the "Standard Preambles to all Trades", any "Supplementary Preambles", before pricing Bills of Quantities/Lump Sum documents.</p> <p>Where the description in the Bills of Quantities/Lump Sum documents differ from those in the Standard Electrical Specifications, the descriptions in the Bills of Quantities/Lump Sum documents are to apply. No claim whatsoever will be allowed in respect of errors in pricing due to brevity of description of items in the Bills of Quantities/Lump Sum documents which are fully described when read in conjunction with the relevant Preambles and/or Specifications. Suppliers of materials and the like, whose quality systems apply with one or more of the SABS/SANS ISO 9000 Series should be used whenever possible in the absence of a particular SABS/SANS Specification Standard Mark.</p> <p>Wherever the words "shall be deemed to be included in the description", "shall be stated" or other words having the same effect, appear in the Standard System, it shall be deemed that all descriptions in these Bills of Quantities/Lump Sum documents incorporated such inclusions and statements whether specifically stated or not.</p> <p>The Contractor is hereby informed that where SABS/SANS Specifications are referred to in these Bills of Quantities/Lump Sums documents and Specifications thereto, then ONLY the Specification of Work Clauses will apply. The method of measurement and payment clauses will NOT apply to this Contract.</p> <p>The Contractor is hereby informed that risk of collapse and keeping excavations free from water (excluding subterranean water) generally are deemed to be included in the descriptions unless accommodated in the system of measurement. Please refer to the Geotechnical Investigation report when included at the end of these bid documents. Whenever reference is made to "Sub-Contractor", "Nominated Sub-Contractor" or the like in the specifications included or referred to in these Bills of Quantities/Lump Sums documents, it shall be deemed to mean "Contractor" as defined.</p> |
| 4.2 | <p><b>APPLICABLE NATIONAL AND INTERNATIONAL STANDARDS</b></p> <p>See above 4.1</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 4.3 | <p><b>CERTIFICATION BY RECOGNIZED BODIES</b></p> <p>Electrical Certificate of compliance</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 4.4 | <p><b>AGREEMENT CERTIFICATES</b></p> <p>Not applicable</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

| 4.5          | <p><b>PLANT AND MATERIAL PROVIDED BY THE EMPLOYER</b></p> <p>Not applicable</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |          |          |          |          |         |        |  |   |   |          |        |  |   |   |       |        |  |   |   |       |        |  |   |   |     |        |  |   |   |      |        |  |   |   |      |        |  |   |   |        |        |  |   |   |           |        |  |   |   |         |        |   |   |   |          |        |   |   |   |          |        |   |   |   |
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| 4.6          | <p><b>SERVICES AND FACILITIES PROVIDED BY THE EMPLOYER</b></p> <p>Not applicable</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |          |          |          |          |         |        |  |   |   |          |        |  |   |   |       |        |  |   |   |       |        |  |   |   |     |        |  |   |   |      |        |  |   |   |      |        |  |   |   |        |        |  |   |   |           |        |  |   |   |         |        |   |   |   |          |        |   |   |   |          |        |   |   |   |
| 4.7          | <p><b>OTHER SERVICES AND FACILITIES</b></p> <p>The Contractor shall provide any artificial lighting which may be necessary or required for the proper execution of the works, and provide electric power and water required by all Sub-Contractors, Nominated Sub-Contractors and Sub-Contractors appointed directly by the Administration.</p> <p>The Contractor shall give all notices and pay all fees in connection with temporary electrical and water connections and shall connect temporary Electrical and Water meters for and pay for all current and water consumed.</p> <p>The Contractor is advised that the permanent light fittings and water points of any kind installed in the Works are not to be used to provide temporary lighting and supplement water requirements for construction purposes.</p>                                                                                                                                                                                                                                                                            |              |          |          |          |          |         |        |  |   |   |          |        |  |   |   |       |        |  |   |   |       |        |  |   |   |     |        |  |   |   |      |        |  |   |   |      |        |  |   |   |        |        |  |   |   |           |        |  |   |   |         |        |   |   |   |          |        |   |   |   |          |        |   |   |   |
| 5            | <p><b><u>MANAGEMENT</u></b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |          |          |          |          |         |        |  |   |   |          |        |  |   |   |       |        |  |   |   |       |        |  |   |   |     |        |  |   |   |      |        |  |   |   |      |        |  |   |   |        |        |  |   |   |           |        |  |   |   |         |        |   |   |   |          |        |   |   |   |          |        |   |   |   |
| 5.1          | <p><b>APPLICABLE SANS 1921 STANDARDS</b></p> <p>Bidders are referred to<br/>SECTION 2: SPECIFICATION DATA ASSOCIATED WITH SANS 1921-1:2004 IN<br/>THIS DOCUMENT</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |          |          |          |          |         |        |  |   |   |          |        |  |   |   |       |        |  |   |   |       |        |  |   |   |     |        |  |   |   |      |        |  |   |   |      |        |  |   |   |        |        |  |   |   |           |        |  |   |   |         |        |   |   |   |          |        |   |   |   |          |        |   |   |   |
| 5.2          | <p><b>RECORDING OF WEATHER</b></p> <p>The Contractor shall keep record of abnormal climatic conditions to facilitate the adjudication of claims for extension of the contract period.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |          |          |          |          |         |        |  |   |   |          |        |  |   |   |       |        |  |   |   |       |        |  |   |   |     |        |  |   |   |      |        |  |   |   |      |        |  |   |   |        |        |  |   |   |           |        |  |   |   |         |        |   |   |   |          |        |   |   |   |          |        |   |   |   |
|              | <p>The Contractor shall allow in his programme for the following number of days for rain days (rain &gt; 10mm per day) as per the table below:</p> <table><tr><th colspan="3">CURRENT YEAR</th><th>YEAR + 1</th><th>YEAR + 2</th></tr><tr><td>January</td><td>w/days</td><td></td><td>3</td><td>3</td></tr><tr><td>February</td><td>w/days</td><td></td><td>3</td><td>3</td></tr><tr><td>March</td><td>w/days</td><td></td><td>3</td><td>3</td></tr><tr><td>April</td><td>w/days</td><td></td><td>3</td><td>3</td></tr><tr><td>May</td><td>w/days</td><td></td><td>3</td><td>3</td></tr><tr><td>June</td><td>w/days</td><td></td><td>3</td><td>3</td></tr><tr><td>July</td><td>w/days</td><td></td><td>3</td><td>3</td></tr><tr><td>August</td><td>w/days</td><td></td><td>3</td><td>3</td></tr><tr><td>September</td><td>w/days</td><td></td><td>3</td><td>3</td></tr><tr><td>October</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr><tr><td>November</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr><tr><td>December</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr></table> | CURRENT YEAR |          |          | YEAR + 1 | YEAR + 2 | January | w/days |  | 3 | 3 | February | w/days |  | 3 | 3 | March | w/days |  | 3 | 3 | April | w/days |  | 3 | 3 | May | w/days |  | 3 | 3 | June | w/days |  | 3 | 3 | July | w/days |  | 3 | 3 | August | w/days |  | 3 | 3 | September | w/days |  | 3 | 3 | October | w/days | 3 | 3 | 3 | November | w/days | 3 | 3 | 3 | December | w/days | 3 | 3 | 3 |
| CURRENT YEAR |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              | YEAR + 1 | YEAR + 2 |          |          |         |        |  |   |   |          |        |  |   |   |       |        |  |   |   |       |        |  |   |   |     |        |  |   |   |      |        |  |   |   |      |        |  |   |   |        |        |  |   |   |           |        |  |   |   |         |        |   |   |   |          |        |   |   |   |          |        |   |   |   |
| January      | w/days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              | 3        | 3        |          |          |         |        |  |   |   |          |        |  |   |   |       |        |  |   |   |       |        |  |   |   |     |        |  |   |   |      |        |  |   |   |      |        |  |   |   |        |        |  |   |   |           |        |  |   |   |         |        |   |   |   |          |        |   |   |   |          |        |   |   |   |
| February     | w/days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              | 3        | 3        |          |          |         |        |  |   |   |          |        |  |   |   |       |        |  |   |   |       |        |  |   |   |     |        |  |   |   |      |        |  |   |   |      |        |  |   |   |        |        |  |   |   |           |        |  |   |   |         |        |   |   |   |          |        |   |   |   |          |        |   |   |   |
| March        | w/days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              | 3        | 3        |          |          |         |        |  |   |   |          |        |  |   |   |       |        |  |   |   |       |        |  |   |   |     |        |  |   |   |      |        |  |   |   |      |        |  |   |   |        |        |  |   |   |           |        |  |   |   |         |        |   |   |   |          |        |   |   |   |          |        |   |   |   |
| April        | w/days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              | 3        | 3        |          |          |         |        |  |   |   |          |        |  |   |   |       |        |  |   |   |       |        |  |   |   |     |        |  |   |   |      |        |  |   |   |      |        |  |   |   |        |        |  |   |   |           |        |  |   |   |         |        |   |   |   |          |        |   |   |   |          |        |   |   |   |
| May          | w/days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              | 3        | 3        |          |          |         |        |  |   |   |          |        |  |   |   |       |        |  |   |   |       |        |  |   |   |     |        |  |   |   |      |        |  |   |   |      |        |  |   |   |        |        |  |   |   |           |        |  |   |   |         |        |   |   |   |          |        |   |   |   |          |        |   |   |   |
| June         | w/days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              | 3        | 3        |          |          |         |        |  |   |   |          |        |  |   |   |       |        |  |   |   |       |        |  |   |   |     |        |  |   |   |      |        |  |   |   |      |        |  |   |   |        |        |  |   |   |           |        |  |   |   |         |        |   |   |   |          |        |   |   |   |          |        |   |   |   |
| July         | w/days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              | 3        | 3        |          |          |         |        |  |   |   |          |        |  |   |   |       |        |  |   |   |       |        |  |   |   |     |        |  |   |   |      |        |  |   |   |      |        |  |   |   |        |        |  |   |   |           |        |  |   |   |         |        |   |   |   |          |        |   |   |   |          |        |   |   |   |
| August       | w/days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              | 3        | 3        |          |          |         |        |  |   |   |          |        |  |   |   |       |        |  |   |   |       |        |  |   |   |     |        |  |   |   |      |        |  |   |   |      |        |  |   |   |        |        |  |   |   |           |        |  |   |   |         |        |   |   |   |          |        |   |   |   |          |        |   |   |   |
| September    | w/days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              | 3        | 3        |          |          |         |        |  |   |   |          |        |  |   |   |       |        |  |   |   |       |        |  |   |   |     |        |  |   |   |      |        |  |   |   |      |        |  |   |   |        |        |  |   |   |           |        |  |   |   |         |        |   |   |   |          |        |   |   |   |          |        |   |   |   |
| October      | w/days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3            | 3        | 3        |          |          |         |        |  |   |   |          |        |  |   |   |       |        |  |   |   |       |        |  |   |   |     |        |  |   |   |      |        |  |   |   |      |        |  |   |   |        |        |  |   |   |           |        |  |   |   |         |        |   |   |   |          |        |   |   |   |          |        |   |   |   |
| November     | w/days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3            | 3        | 3        |          |          |         |        |  |   |   |          |        |  |   |   |       |        |  |   |   |       |        |  |   |   |     |        |  |   |   |      |        |  |   |   |      |        |  |   |   |        |        |  |   |   |           |        |  |   |   |         |        |   |   |   |          |        |   |   |   |          |        |   |   |   |
| December     | w/days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3            | 3        | 3        |          |          |         |        |  |   |   |          |        |  |   |   |       |        |  |   |   |       |        |  |   |   |     |        |  |   |   |      |        |  |   |   |      |        |  |   |   |        |        |  |   |   |           |        |  |   |   |         |        |   |   |   |          |        |   |   |   |          |        |   |   |   |

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|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 5.3   | <p><b>MANAGEMENT MEETINGS</b></p> <p>In order to facilitate the smooth functioning of the Works and to ensure the closest co-operation between all the parties concerned, the Employer will call for regular meetings to be held on the site, at which a senior member of the Contracting firm and the General Foreman of the Works will always be required to be present. In addition to the above, other persons will be required to attend these meetings as and when their presence is necessary, e.g., Consultants in all disciplines, representatives of the various Sub-Contractors, etc. Proper minutes of these meetings will be kept by the Employer\Principal Agent and copies will be circulated to all persons attending the meetings and to others who need to be kept informed.</p> |
| 5.3.1 | <p><b>Progress Meetings</b></p> <p>The Principal agent and contractor shall hold meetings related to the progress of the works at regular intervals and at such time as may be necessary. Subcontractors shall not be present at progress meetings unless specifically requested by the contractor or principal agent. The principal agent shall record and distribute the minutes of the meetings.</p>                                                                                                                                                                                                                                                                                                                                                                                            |
| 5.3.2 | <p><b>Technical meetings</b></p> <p>At the instance of the principal agent or the contractor meetings shall be held to deal with technical and subcontractor's coordination matters.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 5.4   | <p><b>FORMS FOR CONTRACT ADMINISTRATION</b></p> <p>All contract administration procedures will be agreed upon at the site hand-over meeting.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 5.5   | <p><b>ELECTRONIC PAYMENTS</b></p> <p>The contractor must be registered with the National Treasury's Central Supplier Database and provide the registration information in order to enable Ezemvelo KZN Wildlife to pay him or her electronically.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 5.6   | <p><b>DAILY RECORDS</b></p> <p>The Contractor shall keep daily records of people and equipment employed as well as a site diary in respect of work performed on the site. At the end of each week the Contractor shall provide the Principal Agent with a written record, in schedule form, reflecting the number and description of tradesmen and labourers employed by him and all Sub-Contractors on the works each day. At the end of each week the Contractor shall provide the Principal Agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools, currently used on the works.</p>                                                                                                                                        |
| 5.7   | <p><b>BONDS AND GUARANTEES</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

**ELECTRONIC  
PAYMENTS**



|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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|       | <p>The Contractor shall within 10 calendar days after receiving notice from the Engineer/Principal Agent and prior to receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the Employer's agent (whose details are given in the contract data) to arrange the delivery of any bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the Contract Data.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 5.8   | <p><b>PAYMENT CERTIFICATES</b></p> <p>Requirements will be in accordance with the Employers prescriptions.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 5.9   | <p><b>PERMITS</b></p> <p>The Contractor is advised that, in the case of an existing building or institution, all security measures in force will remain in operation and he must acquaint himself and his Employees with them as he and his Employees will always be subject to these measures. The Contractor will on no account extend his operations beyond the confines of the building site as indicated by the Employer and must ensure that all his Employees are made aware of these limits. Any Employee disregarding this instruction and found outside the limit of the building site without authority, shall be redeployed immediately and shall not again be employed on this Contract. The Contractor will be responsible for ensuring that this instruction is strictly enforced and must provide and remove upon completion or when directed, such other necessary temporary barriers, fences, etc., as may be required and is to allow opposite this item for any charges he may wish to make in this connection. The Employer will accept no responsibility whatsoever for damage to or the loss of plant, materials, etc., from the site.</p> |
| 5.10  | <p><b>PROOF OF COMPLIANCE WITH THE LAW</b></p> <p>The following certificates must be provided before first delivery is taken:</p> <ul style="list-style-type: none"> <li>- Electrical Compliance Certificate</li> <li>- Lightning Certificate</li> <li>- SANS 10400-A:2010 compliance certificates</li> <li>- Latest National Building Regulation</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 5.11  | <p><b>INSURANCE PROVIDED BY THE EMPLOYER</b></p> <p>Not Applicable</p> <p><b><u>SECTION 2</u></b></p> <p><b><u>SPECIFICATION DATA ASSOCIATED WITH SANS 1921-2004</u></b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 4.1.7 | <p><b>The requirements for drawings, information and calculations for which the Contractor is responsible are:</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|       | <p>Not applicable</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

Clause  
Numbers

|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4.2.1  | <b>The responsibility strategy assigned to the Contractor for the works is:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|        | Strategy A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 4.2.2  | <b>The structural engineer is:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|        | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 4.2.3  | <b>Drawings &amp; other info are to be submitted in accordance with the contractor's programme</b>                                                                                                                                                                                                                                                                                                                                                                                                                  |
|        | Shop drawings for water and wastewater treatment plant                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 4.3    | <b>The planning, programme and method statement are to comply with the following:</b>                                                                                                                                                                                                                                                                                                                                                                                                                               |
|        | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 4.12.1 | <b>Samples of materials</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|        | The work is to be executed with materials of the best specified and in the most substantial and workmanlike manner under the inspection of the Employer and to his satisfaction. The Contractor shall furnish, without delay, such samples as called for or may be called for by the Employer, who may reject all materials or workmanship not corresponding with the approved sample. The samples of materials, workmanship and finishes that the Contractor is to provide and deliver to the employer are:<br>N/A |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 4.12.2 | <b>Fabrication drawings that the contractor is to provide to the employer are:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|        | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 4.12.3 | <b>Office accommodation, equipment, accommodation for site meetings and other facilities for use by the employer and his agents are:</b>                                                                                                                                                                                                                                                                                                                                                                            |
|        | OFFICE FOR FOREMAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|        | Provide, erect, maintain and remove at completion a suitable temporary office for the Contractor or his Foreman, perfectly secured, lighted and ventilated and having a desk with drawers.                                                                                                                                                                                                                                                                                                                          |
|        | TELEPHONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|        | The Contractor shall provide a telephone on the site for the use of the Contractor and all Sub-Contractors for the duration of the Contract, and must make the necessary application for connection, give all notices and pay all fees, rentals and charges for the service and also for all calls.                                                                                                                                                                                                                 |
|        | OFFICE FOR INSPECTOR OF WORKS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|        | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               | TELEPHONE IN OFFICE FOR INSPECTOR OF WORKS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|               | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|               | SHED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|               | Provide, erect, maintain and remove at completion, ample temporary sheds for the proper storage of materials and for the use of the workmen, and remove when no longer required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>4.14.6</b> | <b>The requirement for provision and erection of signboards are:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|               | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>4.17.1</b> | <b>Requirement for the termination, diversion, or maintenance of existing services:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|               | Should the Contractor come in contact with any underground cables or pipes during excavations, immediate notification must be made to the Employer and all work in the vicinity of such cables, pipes, etc., shall cease until authority to proceed has been obtained from the Employer. Should the Contractor damage underground cables or pipes resulting in a disruption of services to an existing institution such damage shall be repaired immediately.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>4.17.3</b> | <b>Services which are known to exist on the site:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|               | The contractor is to prove all known services and keep records for all proven services.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>4.17.4</b> | <b>Requirement for detection apparatus</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|               | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>4.18</b>   | <b>ADDITIONAL HEALTH AND SAFETY REQUIREMENTS ARE:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|               | By the submission of a bid, any Bidder will, if awarded the contract to which this bid document relates, be deemed to be the mandatory as envisaged by Section 37 (2) of the Act. As a mandatory the successful Bidder will be deemed to be the “principal contractor” and an employer in his/her/their own right with duties as prescribed in the Act and accordingly will be deemed to have agreed to be solely responsible for ensuring that in connection with the service to which this bid document relates, all work will be performed, and machinery and plant used in accordance with the Act. Should the Contractor, for whatever reason be unable to perform as required by the Act, the Contractor undertakes to inform the Employer accordingly. Bidders are advised that it is a Condition of this Bid that a 'Construction Phase Safety, Health and Environmental Plan' specifically relates to the project for which bids are being submitted and must be prepared by the Bidder and submitted with the other bid documents at the time of bid. Failure to do so will invalidate the bid. |

|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      | <p>Bidders are therefore advised to study the 'Construction Safety, Health and Environmental Specification' which is issued as part of this bid document, the Model Preambles to Trades - 2008, any project Specification included in this bid document and any and all drawings which are referred to and issued as part of this bid document before preparing their own project specific 'Construction Phase Safety, Health and Environmental Plan'. Bidders are also advised that such a plan which is submitted with a bid but is incomplete or considered inadequate by the Employer or his Representative will invalidate the bid. The Contractor will be deemed to have satisfied himself with his obligations in terms of the Act and to have allowed for all costs arising from compliance with the Act as no claim for extra costs arising from compliance with, and obligations in terms of the Act will be entertained.</p> |
| 4.22 | <b>WORK BY NOMINATED AND SELECTED SUBCONTRACTORS COMPRISE:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|      | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

| <b>C4.1 SITE INFORMATION</b><br><b>GCC FOR CONSTRUCTION WORKS (3<sup>rd</sup> Edition of 2015)</b> |                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Project title:</b>                                                                              | <b>UPGRADE OF MPILA CAMP WATER TREATMENT PLANT</b>                                                                                                                                                                                                           |
| <b>C4.1</b>                                                                                        | <b>Site Information</b>                                                                                                                                                                                                                                      |
| <b>C4.1</b>                                                                                        | <b>GENERAL</b>                                                                                                                                                                                                                                               |
| (a)                                                                                                | The site is located at Mpila Camp at Hluhluwe Imfolozi Park, which is 280 kilometres north of Durban and 75 kilometres North of Richards Bay. GPS Co-ordinates for Nyalazi Gate at Hluhluwe Imfolozi Park: -28.25038028348256, 31.990080376367885.           |
| (b)                                                                                                | Site is a live environment. Caution must be made not to disrupt the day-to-day functions of the surrounding buildings, staff, and public accessing the facility. Site to be always kept clean and neat. All work and machinery are to be safely hoarded off. |
| (c)                                                                                                | Special care must be taken to limit noise and not disrupt current and adjacent buildings, as well as the day-to-day functioning of the building. The contractor is to take note of the handling requirements for materials from the contractor's yard.       |
| <b>C4.2</b>                                                                                        | <b>GEOTECHNICAL INVESTIGATION REPORT</b>                                                                                                                                                                                                                     |
| (a)                                                                                                | Not applicable                                                                                                                                                                                                                                               |



## PRE-CONSTRUCTION HEALTH AND SAFETY SPECIFICATION

Project:

| TABLE OF CONTENTS |                                                                        | Pages    |
|-------------------|------------------------------------------------------------------------|----------|
| <b>1.</b>         | <b>Introduction and Background</b>                                     | <b>4</b> |
| 1.1               | Background to the Pre-construction Health and Safety Specification     |          |
| 1.2               | Purpose of the Pre-construction Health and Safety Specification        |          |
| 1.3               | Implementation of the Pre-construction Health and Safety Specification |          |
| <b>2.</b>         | <b>Pre-construction Health and Safety Specification</b>                | <b>4</b> |
| 2.1               | Scope                                                                  |          |
| 2.2               | Interpretation                                                         |          |
| 2.2.1             | Application                                                            |          |
| 2.2.2             | Definitions                                                            |          |
| 2.3               | Minimum Administrative Requirements                                    |          |
| 2.3.1             | Notification of Intention to Commence Construction Work                |          |

|          |                                                                                                              |   |
|----------|--------------------------------------------------------------------------------------------------------------|---|
| 2.3.2    | Assignment of Contractor's Responsible Person to Supervise Health and Safety on Site                         | 5 |
| 2.3.3    | Competency for Contractor's Responsible Persons                                                              |   |
| 2.3.4    | Compensation of Occupational injuries and Diseases Act (COIDA) Act 130 of 1993                               |   |
| 2.3.5    | Occupational Health and Safety Policy                                                                        |   |
| 2.3.6    | Health and Safety Organogram                                                                                 |   |
| 2.3.7    | Preliminary Hazard Identification and Risk Assessment and Progress Hazard Identification and Risk Assessment |   |
| 2.3.8    | Health and Safety Representative(s)                                                                          | 6 |
| 2.3.9    | Health and Safety Committee(s)                                                                               |   |
| 2.3.10   | Health and Safety Training                                                                                   |   |
| 2.3.10.1 | Induction                                                                                                    |   |
| 2.3.10.2 | Awareness                                                                                                    |   |
| 2.3.10.3 | Competency                                                                                                   |   |
| 2.3.11   | General Record Keeping                                                                                       |   |
| 2.3.12   | Health & Safety Audits, Monitoring and Reporting                                                             |   |
| 2.3.13   | Emergency Procedures                                                                                         | 7 |
| 2.3.14   | First Aid Box and First Aid Equipment                                                                        |   |
| 2.3.15   | Accident / Incident Reporting and Investigation                                                              |   |
| 2.3.16   | Hazards and Potential Situations                                                                             |   |
| 2.3.17   | Personal Protection Equipment and Clothing                                                                   |   |
| 2.3.18   | Occupational Health and Safety Signage                                                                       |   |
| 2.3.19   | Permits                                                                                                      | 8 |
| 2.3.20   | Sub-contractors                                                                                              |   |
| 2.3.21   | Incentives and Penalties                                                                                     |   |
| 2.4      | Physical Requirements                                                                                        | 8 |
| 2.4.1    | Demolition Work                                                                                              |   |
| 2.4.2    | Excavations, Shoring, Dewatering or Drainage                                                                 |   |
| 2.4.3    | Edge Protection and Penetrations                                                                             |   |
| 2.4.4    | Explosives and Blasting                                                                                      |   |

|        |                                                                     |           |
|--------|---------------------------------------------------------------------|-----------|
| 2.4.5  | Piling                                                              | 9         |
| 2.4.6  | Stacking of Materials                                               |           |
| 2.4.7  | Speed Restrictions and Protection                                   |           |
| 2.4.8  | Hazardous Chemical Substances (HCS)                                 |           |
| 2.4.9  | Asbestos                                                            |           |
| 2.5    | Plant and Machinery                                                 | 9         |
| 2.5.1  | Construction Plant                                                  |           |
| 2.5.2  | Vessels under Pressure (Gas bottles including Operations)           |           |
| 2.5.3  | Fire Extinguishers and Fire Fighting Equipment                      |           |
| 2.5.4  | Hired Plant and Machinery                                           | 10        |
| 2.5.5  | Scaffolding / Working on Heights                                    |           |
| 2.5.6  | Falsework for Structures                                            |           |
| 2.5.7  | Lifting Machine and Tackle                                          |           |
| 2.5.8  | Ladders and Ladder work                                             |           |
| 2.5.9  | General Machinery                                                   |           |
| 2.5.10 | Portable Electrical Tools / Explosive Power Tools                   | 11        |
| 2.5.11 | High Voltage Electrical Equipment (Not maintained by CDC)           |           |
| 2.5.12 | Public Health and Safety                                            |           |
| 2.5.13 | Night Work                                                          |           |
| 2.5.14 | Facilities for Safekeeping and Eating Areas (Mess Area) for workers |           |
| 2.5.15 | Transport of Workers                                                |           |
| 2.6    | Occupational Health                                                 | 12        |
| 2.6.1  | Occupational Hygiene                                                |           |
| 2.6.2  | Welfare Facilities                                                  |           |
| 2.6.3  | Alcohol and Other Drugs                                             |           |
| 3.     | <b>Annexure A</b>                                                   | <b>13</b> |
|        | Task Completion Form                                                |           |
| 4.     | <b>Annexure B</b>                                                   | <b>14</b> |
|        | Principal Contractor's Responsible Persons                          |           |

|           |                                                                            |           |
|-----------|----------------------------------------------------------------------------|-----------|
| <b>5.</b> | <b>Annexure C</b><br>Other Requirements                                    | <b>16</b> |
| <b>6.</b> | <b>Annexure D</b><br><br>Initial Hazard Identification and Risk Assessment | <b>17</b> |
| <b>7.</b> | <b>Annexure E</b><br><br>Acknowledgement of Receipt of Document            | <b>23</b> |



## **1. INTRODUCTION AND BACKGROUND**

### **1.1 Background to the Pre-construction Health and Safety Specification**

The Construction Regulations (2014) place the onus on the Client to prepare a pre-construction health & safety specification, highlighting all risks not successfully eliminated during design.

### **1.2 Purpose of the Pre-construction Health and Safety Specification**

To assist in achieving compliance with the Occupational Health & Safety Act 85/1993 and the now promulgated Construction Regulations (2014) in order to reduce incidents and injuries. This pre-construction specification shall act as the basis for the drafting of the construction phase health & safety plan.

The pre-construction specification sets out the requirements to be followed by the Principal Contractor and other Contractors so that the health & safety of all persons potentially at risk may receive the same priority as other facets of the project e.g. cost, programme, environment, etc.

### **1.3 Implementation of the Pre-construction Health and Safety Specification**

This specification forms an integral part of the contract, and the Contractor is required to use it at pre-tender phase when drawing up its project-specific construction phase health & safety plan. The Principal Contractor shall forward a copy of this specification to all Contractors at their bidding stage so that they can in turn prepare health & safety plans relating to their operations.

## **2. PRE-CONSTRUCTION HEALTH AND SAFETY SPECIFICATION**

### **2.1 Scope**

This Specification covers the requirements for eliminating and mitigating incidents and injuries on the particular project

The scope also addresses legal compliance, hazard identification and risk assessment, risk control, and promoting a health and safety culture amongst those working on the project. The specification also makes provision for the protection of those persons other than employees.

### **2.2 Interpretations**

#### **2.2.1 Application**

This specification is a compliance document drawn up in terms of South African legislation and is therefore binding. It must be read in conjunction with relevant legislation as noted previously.

#### **2.2.2 Definitions**

The definitions as listed in the Occupational Health & Safety Act 85/1993 and Construction Regulations (2014) shall apply.

### **2.3 Minimum Administrative Requirements**

#### **2.3.1 Notification of Intention to Commence Construction Work**

The Contractor shall notify the Provincial Director of the Department of Labour in writing before construction work commences. A copy of this notification must be forwarded to the Client on appointment.

#### **2.3.2 Assignment of Contractor's Responsible Persons to Supervise Health and Safety on Site**

The Contractor shall submit supervisory appointments as well as any relevant appointments in writing (as stipulated by the OHSA and Construction Regulations), prior to commencement of work. Proof of competency must be included. See annexure B.

### **2.3.3 Competency for Contractor's Appointed Competent Persons**

Contractors' competent persons for the various risk management portfolios shall fulfil the criteria as stipulated under the definition of Competent in accordance with the Construction Regulations (2014). Proof of competence for the various appointments must be included.

### **2.3.4 Compensation of Occupational Injuries and Diseases Act 130 of 1993 (COIDA)**

The Principal Contractor shall submit a letter of good standing with its Compensation Insurer to the Client as proof of registration. Contractors shall submit proof of registration to the Principal Contractor before they commence work on site.

### **2.3.5 Occupational Health and Safety Policy**

The Principal Contractor and all Contractors shall submit a Health and Safety Policy signed by their Chief Executive Officer. The Policy must outline objectives and how they will be achieved and implemented by the Company / Contractor.

### **2.3.6 Health and Safety Organogram**

The Principal Contractor and all Contractors shall submit an organogram, outlining the Health and Safety Site Management Structure including the relevant appointments/competent persons. In cases where appointments have not been made, the organogram shall reflect the intended positions. The organogram shall be updated when there are any changes in the Site Management Structure.

### **2.3.7 Preliminary Hazard Identification and Risk Assessment and Progress Hazard Identification and Risk Assessment**

The Contractor shall cause a hazard identification to be performed by a competent person before commencement of construction work, and the assessed risks shall form part of the construction phase health and safety plan submitted for approval by the Client. The risk assessment must include;

- a) A list of hazards identified as well as potentially hazardous tasks;
- b) A documented risk assessment based on the list of hazards and tasks;
- c) A set of safe working procedures (method statements) to eliminate, reduce and/or control the risks assessed;
- d) A monitoring and review procedure of the risks assessment as the risks change.

The Principal Contractor shall ensure that all Contractors are informed, instructed and trained by a competent person regarding any hazards, risks and related safe work procedures before any work commences and thereafter at regular intervals as the risks change and as new risks develop.

The Principal Contractor shall be responsible for ensuring that all persons who could be negatively affected by its operations are informed and trained according to the hazards and risks and are conversant with the safe work procedures, control measures and other related rules (tool box talk strategy to be implemented).

### **2.3.8 Health and Safety Representative(s)**

The Principal Contractor and all Contractors shall ensure that where required Health and Safety Representative(s) are appointed under consultation and trained to carry out their functions. The appointment must be in writing. The Health and Safety Representative shall carry out regular inspections, keep records and report all findings to the Responsible Person forthwith and at health & safety meetings

### **2.3.9 Health and Safety Committees**

The Principal Contractor shall ensure that project health and safety meetings are held monthly and minutes are kept on record. Meetings must be organised and chaired by the Principal Contractor's Responsible Person. All Contractors' Responsible Persons and Health & Safety Representatives shall attend the monthly health & safety meetings.

Report any Unethical Activity Without Fear of Victimization – Whistle Blow 0800 221 126 anytime

Contractors shall also have their own internal health & safety committees in accordance with the OHS Act 85/1993 and minutes of their meetings shall be forwarded to the Principal Contractor on a monthly basis.

### **2.3.10 Health and Safety Training**

#### **2.3.10.1 Induction**

The Principal Contractor shall ensure that all site personnel undergo a risk-specific health & safety induction training session before starting work. A record of attendance shall be kept in the health & safety file. **A suitable venue must be supplied to house this training.**

#### **2.3.10.2 Awareness**

The Principal Contractor shall ensure that, on site, periodic toolbox talks take place at least once per week. These talks should deal with risks relevant to the construction work at hand. A record of attendance shall be kept in the health & safety file. All Contractors have to comply with this minimum requirement.

#### **2.3.10.3 Competency**

All competent persons shall have the knowledge, experience, training, and qualifications specific to the work they have been appointed to supervise, control, carry out. This will have to be assessed on a regular basis e.g. periodic audits by the Client, progress meetings, etc. The Principal Contractor is responsible to ensure that competent Contractors are appointed to carry out construction work.

### **2.3.11 General Record Keeping**

The Principal Contractor and all Contractors shall keep and maintain Health and Safety records to demonstrate compliance with this Specification, with the OHS Act 85/1993; and with the Construction Regulations (2014). The Principal Contractor shall ensure that all records of incidents/accidents, training, inspections, audits, etc. are kept in a health & safety file held in the site office. The Principal Contractor must ensure that every Contractor opens its own health & safety file, maintains the file and makes it available on request.

### **2.3.12 Health & Safety Audits, Monitoring and Reporting**

The Client shall conduct monthly health & safety audits of the work operations including a full audit of physical site activities as well as an audit of the administration of health & safety. The Principal Contractor is obligated to conduct similar audits on all Contractors appointed by it. Detailed reports of the audit findings and results shall be reported on at all levels of project management meetings/forums. Copies of the Client audit reports shall be kept in the Primary Project Health & Safety File while the Principal Contractor audit reports shall be kept in their file, a copy being forwarded to the Client. Contractors have to audit their sub-contractors and keep records of these audits in their health & safety files, available on request.

### **2.3.13 Emergency Procedures**

The Principal Contractor shall submit a detailed Emergency Procedure for approval by the Client prior to commencement on site. The procedure shall detail the response plan including the following key elements:

- List of key competent personnel;
- Details of emergency services;
- Actions or steps to be taken in the event of the specific types of emergencies;
- Information on hazardous material/situations.

Emergency procedure(s) shall include, but shall not be limited to, fire, spills, accidents to employees, use of hazardous substances, bomb threats, major incidents/accidents, etc. The Principal Contractor shall advise the Client in writing forthwith, of any emergencies, together with a record of action taken. A contact list of all service providers (Fire Department, Ambulance, Police, Medical and Hospital, etc) must be maintained and available to site personnel.

### **2.3.14 First Aid Boxes and First Aid Equipment**

The Principal Contractor and all Contractors shall appoint in writing First Aider(s). The appointed First Aider(s) are to be sent for accredited first aid training. Valid certificates are to be kept on site. The Principal Contractor shall provide an on-site First Aid Station with first aid facilities, including first aid boxes adequately stocked at all times. All Contractors with more than 5 employees shall supply their own first aid box. Contractors with more than 10 employees shall have a trained, certified first aider on site at all times.

### **2.3.15 Accident / Incident Reporting and Investigation**

Injuries are to be categorised into first aid; medical; disabling; and fatal. The Principal Contractor must stipulate in its construction phase health & safety plan how it will handle each of these categories. When reporting injuries to the Client, these categories shall be used. All injuries shall be investigated by the Principal Contractor, with a report being forwarded to the Client forthwith. All Contractors have to report on the 4 categories of injuries to the Principal Contractor at least monthly. The Principal Contractor must report all injuries to the Client in the form of a detailed injury report at least monthly.

### **2.3.16 Hazards and Potential Situations**

The Principal Contractor shall immediately notify other Contractors as well as the Client of any hazardous or potentially hazardous situations that may arise during performance of construction activities.

### **2.3.17 Personal Protective Equipment (PPE) and Clothing**

The Principal Contractor shall ensure that all workers are issued and wear hard hats, safe footwear and overalls. The Principal Contractor and all Contractors shall make provision and keep adequate quantities of SABS approved PPE on site at all times. The Principal Contractor shall clearly outline procedures to be taken when PPE or Clothing is:

- Lost or stolen;
- Worn out or damaged.

The above procedure applies to Contractors and their Sub-contractors, as they are all Employers in their own right.

### **2.3.18 Occupational Health and Safety Signage**

The Contractor shall provide adequate on-site OHS signage. Including but not limited to: 'no unauthorised entry', 'report to site office', 'site office', 'beware of overhead work', 'hard hat area'. Signage shall be posted up at all entrances to site as well as on site in strategic locations e.g. access routes, stairways, entrances to structures and buildings, scaffolding, and other potential risk areas/operations.

### **2.3.19 Permits**

Permits may include the following:

- Use of Explosives and Blasting
- Work for which a fall prevention plan is required
- Use of cradles

### **2.3.20 Contractors and Sub-contractors**

The Principal Contractor shall ensure that all Contractors under its control comply with this Specification, the OHS Act 85/1993, Construction Regulations (2014), and all other relevant legislation that may relate to the activities directly or indirectly. The Contractor, when appointing other Contractors as 'Sub-contractors', shall mutatis mutandis ensure compliance.

### **2.3.21 Incentives and Penalties**

Certain incentives will be provided for ongoing compliance to the provisions of the construction phase health & safety plan submitted by the Principal Contractor.

Penalties will be implemented for ongoing non-compliance to the provisions of the construction-phase health & safety plan as submitted by the Principal Contractor.

## **2.4     Physical Requirements**

### **2.4.1    Demolition Work**

Prior to any demolition work being carried out, the Principal Contractor shall submit a safe working procedure and a detailed engineering survey for approval by the Client. Acceptance will then be issued to the Principal Contractor to proceed with the demolition work. The Principal Contractor shall ensure that demolition work complies with the Construction Regulations (2014).

### **2.4.2    Excavations, Shoring, Dewatering or Drainage**

The Principal Contractor and any relevant Contractors shall make provision in their tender for shoring, dewatering or drainage of any excavation as per this specification.

The Contractor shall make sure that:

- a) The excavations are inspected before every shift and a record is kept;
- b) Safe work procedures have been communicated to the workers;
- c) The safe work procedures are enforced and maintained by the Contractor's Responsible Persons at all times;
- d) The requirements as per section 13 of the Construction Regulations are adhered to.

### **2.4.3    Edge Protection and Penetrations**

The Principal Contractor must ensure that all exposed edges and openings are guarded and demarcated at all times until permanent protection has been erected. The Principal Contractor's risk assessment must include these items. E.g. protection of decking edges, finished floor slab edges, stairways, floor penetrations, lift shafts, and all other openings and areas where a person may fall.

### **2.4.4    Explosives and Blasting**

The Principal Contractor shall ensure that the use of explosives and blasting (where required) be undertaken by a competent Contractor. A Safe Work Procedure (SWP) must be submitted to the Client for approval before commencement of blasting work. The Client will issue a permit to authorise the operation.

### **2.4.5    Piling**

The Contractor shall ensure that piling is undertaken by a competent Contractor. A SWP shall be submitted to the Client for approval before commencement of this work.

### **2.4.6    Stacking of Materials**

The Principal Contractor and other relevant Contractors shall ensure that there is an appointed staking supervisor and all materials, formwork and all equipment is stacked and stored safely.

### **2.4.7    Speed Restrictions and Protection**

The Principal Contractor shall ensure that all persons in its employ, all Contractors, and all those that are visiting the site are aware and comply with the site speed restriction(s), especially in big 5 game reserves. Separate vehicle and pedestrian access routes shall be provided, maintained, controlled, and enforced.

### **2.4.8    Hazardous Chemical Substances (HCS)**

The Principal Contractor and other relevant Contractors shall provide the necessary training and information regarding the use, transport, and storage of HCS. The Principal Contractor shall ensure that the use, transport, and storage of HCS is carried out as prescribed by the HCS Regulations. The Contractor shall ensure that all hazardous chemicals on site have a Material Safety Data Sheet (MSDS) on site and the users are made aware of the hazards and precautions that need to be taken when using the chemicals. The First Aiders must be made aware of the MSDS and how to treat HCS incidents appropriately.

### **2.4.9    Asbestos**

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Not applicable

## **2.5 Plant and Machinery**

### **2.5.1 Construction Plant**

“Construction Plant” includes all types of plant including but not limited to, cranes, piling rigs, excavators, road vehicles, and all lifting equipment.

The Principal Contractor shall ensure that all such plant complies with the requirements of the OHS Act 85/1993 and Construction Regulations (July 2014). The Principal Contractor and all relevant Contractors shall inspect and keep records of inspections of the construction plant used on site. Only authorised/competent persons are to use machinery under proper supervision. Appropriate PPE and clothing must be provided and maintained in good condition at all times.

### **2.5.2 Pressure Equipment Regulations and Gas Bottles**

The Principal Contractor and all relevant Contractors shall comply with the Vessels under Pressure Regulations, including:

- Providing competency and awareness training to the operators;
- Providing PPE or clothing;
- Inspect equipment regularly and keep records of inspections;
- Providing appropriate fire fighting equipment (Fire Extinguishers) on hand.

### **2.5.3 Fire Extinguishers and Fire Fighting Equipment**

The Principal Contractor and relevant Contractors shall provide adequate, regularly serviced fire fighting equipment located at strategic points on site, specific to the classes of fire likely to occur. The appropriate notices and signs must be posted up as required.

### **2.5.4 Hired Plant and Machinery**

The Principal Contractor shall ensure that any hired plant and machinery used on site is safe for use. The necessary requirements as stipulated by the OHS Act 85/1993 and Construction Regulations (2014) shall apply. The Principal Contractor shall ensure that operators hired with machinery are competent and that certificates are kept on site in the health & safety file. All relevant Contractors must ensure the same.

### **2.5.5 Scaffolding / Working at Heights**

Working at heights includes any work that takes place in an elevated position. The Contractor must submit a risk-specific fall prevention plan in accordance with the Construction Regulations (2014) before this work is undertaken. The fall prevention plan must be approved by the Client before work may commence, and a permit to operate will be issued.

### **2.5.6 Formwork and Support work for Structures**

The Principal Contractor shall ensure that the provisions of section 10 of the Construction Regulations (2014) are adhered to. These provisions must include but not be limited to ensuring that all equipment used is examined for suitability before use; that all formwork and support work is inspected by a competent person immediately before, during and after placement of concrete or any other imposed load and thereafter on a daily basis until the formwork and support work has been removed. Records of all inspections must be kept in a register on site.

### **2.5.7 Lifting Machines and Tackle**

The Principal Contractor and all Contractors shall ensure that lifting machinery and tackle is inspected before use and thereafter in accordance with the Driven Machinery Regulations and the Construction Regulations (section 22). There must be a competent lifting machinery and tackle inspector who must inspect the equipment daily or before use, taking into account that:

- All lifting machinery and tackle has a safe working load clearly indicated;
- Regular inspection and servicing is carried out;
- Records are kept of inspections and of service certificates;
- There is proper supervision in terms of guiding the loads that includes a trained banksman to direct lifting operations and check lifting tackle;
- The tower crane bases have been approved by an engineer;
- The operators are competent as well as physically and psychologically fit to work and in possession of a medical certificate of fitness to be available on site.

#### **2.5.8 Ladders and Ladder Work**

The Principal Contractor shall ensure that all ladders are inspected monthly, are in good safe working order, are the correct height for the task, extend at least 1m above the landing, fastened and secured, and at a safe angle. Records of inspections must be kept in a register on site. Contractors using their own ladders must ensure the same.

#### **2.5.9 General Machinery**

The Principal Contractor and relevant Contractors shall ensure compliance with the Driven Machinery Regulations, which include inspecting machinery regularly, appointing a competent person to inspect and ensure maintenance, issuing PPE or clothing, and training those who use machinery

#### **2.5.10 Portable Electrical Tools and Explosive Powered Tools**

The Contractor shall ensure that use and storage of all explosive powered tools and portable electrical tools are in compliance with relevant legislation. The Contractor shall ensure that all electrical tools, electrical distribution boards, extension leads, and plugs are kept in safe working order. Regular inspections and toolbox talks must be conducted to make workers aware of the dangers and control measures to be implemented e.g. personal protection equipment, guards, etc.

The Contractor shall consider the following:

- A competent person undertakes routine inspections and records are kept;
- Only authorised trained persons use the tools;
- The safe working procedures apply;
- Awareness training is carried out and compliance is enforced at all times; and
- PPE and clothing is provided and maintained.
- A register indicating the issue and return of all explosive round;
- Signs to be posted up in the areas where explosive powered tools are being used.

#### **2.5.11 High Voltage Electrical Equipment**

No high voltage electrical equipment is present on, under or above the construction area.

#### **2.5.12 Public and Site Visitor Health & Safety**

The Principal Contractor shall ensure that every person working on or visiting the site, as well as the public in general, shall be made aware of the dangers likely to arise from site activities, including the precautions to be taken to avoid or minimise those dangers. Appropriate health and safety notices and signs shall be posted up, but shall not be the only measure taken.

Both the Client and the Principal Contractor have a duty in terms of the OHS Act 85/1993 to do all that is reasonably practicable to prevent members of the public and site visitors from being affected by the construction activities.

Site visitors must be briefed on the hazards and risks they may be exposed to and what measures are in place or should be taken to control these hazards and risks. A record of these 'inductions' must be kept on site in accordance with the Construction Regulations.

### **2.5.13 Night Work**

The Principal Contractor must ensure that adequate lighting is provided to allow for work to be carried out safely.

### **2.5.14 Transport of Workers**

The Principal Contractor and other Contractors shall not:

- Transport persons together with goods or tools unless there is an appropriate area or section to store them;
- Transport persons in a non-enclosed vehicle, e.g. truck; there must be a proper canopy (properly covering the back and top) with suitable sitting area. Workers shall not be permitted to stand or sit at the edge of the transporting vehicle.
- Transport workers in bakkies unless they are closed/covered and have the correct number of seats for the passengers.

## **2.6 Occupational Health**

### **2.6.1 Occupational Hygiene**

Exposure of workers to occupational health hazards and risks is very common in any work environment, especially in construction. Occupational exposure is a major problem and all Contractors must ensure that proper health and hygiene measures are put in place to prevent exposure to these hazards. Prevent inhalation, ingestion, absorption, and noise induction. Site-specific health risks are tabled in Annexure C e.g. cement dust, wet cement, wood-dust, noise, etc.

### **2.6.2 Welfare Facilities**

The Principal Contractor must supply Sufficient toilets (1 toilet per 30 workers), showers (1 for every 15 workers), changing facilities, hand washing facilities, soap, toilet paper, and hand drying material must be provided. Waste bins must be strategically placed and emptied regularly. Safe, clean storage areas must be provided for workers to store personal belongings and personal protective equipment. Workers should not be exposed to hazardous materials/substances while eating and must be provided with sheltered eating areas.

### **2.6.3 Alcohol and other Drugs**

No alcohol and other drugs will be allowed on site. No person may be under the influence of alcohol or any other drugs while on the construction site. Any person on prescription drugs must inform his/her superior, who shall in turn report this to the Principal Contractor forthwith. Any person suffering from any illness/condition that may have a negative effect on his/her safety performance must report this to his/her superior, who shall in turn report this to the Principal Contractor forthwith. Any person suspected of being under the influence of alcohol or other drugs must be sent home immediately, to report back the next day for a preliminary inquiry. A full disciplinary procedure must be followed by the Contractor concerned and a copy of the disciplinary action must be forwarded to the Principal Contractor for his records.



Project name:  
Date:

## PRE-CONSTRUCTION HEALTH AND SAFETY SPECIFICATION (HSS)

Project:

### ANNEXURE A

The Principal Contractor and Contractors must submit proof of compliance with Annexure A with the construction phase H&S plan where applicable.

| HSS Item No. | Requirement                                                                        | OHS Act Requirement                                              | Submission Date                                            |
|--------------|------------------------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------|
| 2.3.1        | Notification of Intention to Commence Construction / Building Work                 | Complete Schedule 1 (Construction Regulations)                   | Before commencement on site                                |
| 2.3.2        | Assignment of Responsible Person to Supervise Construction Work                    | All relevant appointments, as per OHS Act and Construction Regs. | Before commencement on site                                |
| 2.3.3        | Competence of Responsible Persons                                                  | Client Requirement & OHS Act                                     | Together with H&S plan                                     |
| 2.3.4        | Compensation of Occupational Injuries and Diseases Act (COIDA) 130 of 1993         | COIDA Requirement                                                | Together with H&S plan                                     |
| 2.3.5        | Occupational Health and Safety Policy                                              | OHS Act                                                          | Together with H&S plan                                     |
| 2.3.6        | Health and Safety Organogram                                                       | Client Requirement                                               | Together with H&S plan                                     |
| 2.3.7        | Initial Hazard Identification and Risk Assessment based on the Client's assessment | Construction Regs.                                               | Together with H&S plan                                     |
| 2.3.8        | Health and Safety Representative                                                   | OHS Act                                                          | Submit as soon as there are more than 20 employees on site |
|              | Other                                                                              |                                                                  |                                                            |

## ASSIGNMENT OF PRINCIPAL CONTRACTOR'S RESPONSIBLE PERSONS

Project:

### ANNEXURE B

The Principal Contractor shall make the following appointments according to the initial risk assessment: (further appointments could become necessary as project progresses)

| Appointment                               | OHSA Reference | Requirement                                                                                                                                                                                                                                         |
|-------------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CEO Assignee                              | Section 16(2)  | A competent person to assist with the on-site H&S overall responsibility – Contractor's Responsible Person                                                                                                                                          |
| Construction Work Supervisor              | CR 8.7         | A competent person to supervise and be responsible of Health & Safety related issues on site. The person is appointed to assist the CEO with his/her overall duties.                                                                                |
| Subordinate Construction Work Supervisors | CR 8.8         | A competent person to assist with daily supervision of construction / building work. The person assists the Construction Work Supervisor.                                                                                                           |
| Health & Safety Representative(s)         | Section 17     | A competent person(s) to inspect H&S in reference to plant, machinery and Health & Safety of persons in the workplace.                                                                                                                              |
| Health & Safety Committee Member(s)       | Section 19     | A competent person(s) representing the employer to assist with the on site Health & Safety matters.                                                                                                                                                 |
| Incident Investigator                     | GAR 8          | A competent person to investigate incidents / accidents on site and could be: <ul style="list-style-type: none"><li>• The employer</li><li>• H&amp;S Representative</li><li>• Designated person</li><li>• Member of the H&amp;S Committee</li></ul> |
| Risk assessment co-ordinator              | CR 9           | A competent person to co-ordinate all risk assessments on behalf of the Principal Contractor. The same applies to Contractors.                                                                                                                      |
| Fall protection plan co-ordinator         | CR 10          | A competent person to prepare & amend the fall protection plan.                                                                                                                                                                                     |
| First Aiders                              | GSR 3          | A qualified person to address all on site first aid cases.                                                                                                                                                                                          |
| Machinery Inspector                       | GSR 2.1        | A competent person to supervise machinery.                                                                                                                                                                                                          |

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|                                               |          |                                                                                                                            |
|-----------------------------------------------|----------|----------------------------------------------------------------------------------------------------------------------------|
| Lifting machine & equipment inspector         | DMR 18   | A competent person to inspect lifting machines, equipment & tackle.                                                        |
| Scaffolding Inspector                         | SABS 085 | A competent person to inspect scaffolding before use and every time after bad weather, etc.                                |
| Scaffolding erector                           | GSR 13D  | A competent person to erect scaffolding.                                                                                   |
| Scaffolding supervisor                        | SABS 085 | A competent person to supervise scaffolding.                                                                               |
| Formwork & support work inspector             | CR 12    | A competent person to inspect formwork & support work.                                                                     |
| Excavation Inspector                          | CR 13    | A competent person to inspect excavation work and ensure that approved safe working procedures. Are followed at all times. |
| Ladder Inspector                              | GSR 13A  | A competent person to inspect ladders daily and ensure they are safe for use, keeping monthly record.                      |
| Stacking Supervisor                           | CR 28    | A competent person to supervise all stacking and storage operations.                                                       |
| Explosive powered tools inspector/supervisor  | CR 21    | A competent person to inspect & clean the tool daily and controlling all operations thereof.                               |
| Temporary electrical installations supervisor | CR 24    | A competent person to control all temporary electrical installations.                                                      |
| Fire-fighting equipment inspector             | CR 29    | A competent person to inspect fire-fighting equipment.                                                                     |

## OTHER REQUIREMENTS

Project:

### ANNEXURE C

The Principal Contractor shall comply but not be limited to the following requirements: report on these to the Client at progress meetings or at least monthly whichever is sooner.

| What                                                        | When                                             | Output                                                                                                                                                                                                                      | Accepted by Client & date |
|-------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Induction training                                          | Every worker before he/she starts work.          | Attendance registers                                                                                                                                                                                                        |                           |
| Awareness Training (Tool Box Talks)                         | At least weekly                                  | Attendance registers                                                                                                                                                                                                        |                           |
| Health & Safety Reports                                     | Monthly                                          | Report covering: <ul style="list-style-type: none"> <li>Incidents / accidents and investigations</li> <li>Non conformances by employees &amp; contractors</li> <li>Internal &amp; External H&amp;S audit reports</li> </ul> |                           |
| Emergency procedures                                        | Ongoing evaluation of procedure                  | Table procedure in writing as well as tel. numbers                                                                                                                                                                          |                           |
| Risk assessment                                             | Updated and signed off at least monthly          | Documented risk assessment                                                                                                                                                                                                  |                           |
| Safe work procedures                                        | Drawn up before workers are exposed to new risks | Documented set of safe work procedures (method statements), updated and signed off.                                                                                                                                         |                           |
| General Inspections                                         | Weekly & daily                                   | Report OHS Act compliance: <ul style="list-style-type: none"> <li>Scaffolding</li> <li>Excavations</li> <li>Formwork &amp; support work</li> <li>Explosive tools</li> </ul>                                                 |                           |
| General Inspections                                         | Monthly                                          | <ul style="list-style-type: none"> <li>Fire fighting equipment</li> <li>Portable electrical equipment</li> <li>Ladders</li> <li>Lifting equipment/slings</li> </ul>                                                         |                           |
| List of contractors                                         | List to be updated weekly                        | Table list, number of workers and Company tel. numbers                                                                                                                                                                      |                           |
| Workman's Compensation                                      | Ongoing                                          | Table a list of Contractors' workman's compensation proof of good standing.                                                                                                                                                 |                           |
| Construction site rules & Section 37.2 Manadatory Agreement | Ongoing                                          | Table a report of all signed up Mandataries.                                                                                                                                                                                |                           |

## CONTRACTOR'S HEALTH AND SAFETY DECLARATION

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

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

### Declaration by Tenderer

1. I the undersigned hereby declare and confirm that I am fully conversant with the Occupational Health and Safety Act No 85 of 1993 (as amended by the Occupational Health and Safety Amendment Act No181 of 1993), and the OHSA 1993 Construction Regulations 2014.
2. I hereby declare that my company has the competence and the necessary resources to safely carry out the construction work under this contract in compliance with the Construction Regulations and the Employer's Health and Safety Specifications.
3. I propose to achieve compliance with the Regulations by one of the following:
  - a) From my own competent resources as detailed in 4(a) hereafter: .....\*Yes/No
  - b) From my own resources still to be appointed or trained until competency is achieved, as detailed in 4(b) hereafter: ..... \*Yes/No
  - c) From outside sources by appointment of competent specialist subcontractors as detailed in 3(c) hereafter: ..... \*Yes/No(\* = delete whatever is not applicable)
4. Details of resources I propose:  
(Note: Competent resources shall include safety personnel such as a construction supervisor and construction safety officer as defined in Regulation 8, and competent persons as defined in the OHSA 1993 Construction Regulations 2014, as applicable to this contract)
  - a) Details of the competent and qualified key persons from my company's own resources, who will form part of the contract team:

| NAMES OF COMPETENT PERSONS | POSITIONS TO BE FILLED BY COMPETENT PERSONS |
|----------------------------|---------------------------------------------|
|                            |                                             |
|                            |                                             |
|                            |                                             |
|                            |                                             |
|                            |                                             |
|                            |                                             |

(b)Detail of training of persons from my company's own resources (or to be hired) who still have to be trained to achieve the necessary competency:

(i) By whom will training be provided?

.....

(ii) When will training be undertaken? .....

(iii) List the positions to be filled by persons to be trained or hired: .....

.....  
.....

.....  
.....

(c) Details of competent resources to be appointed as subcontractors if competent persons cannot be supplied from own company:

Name of proposed subcontractors:

.....

.....

.....

.....

.....

5. I hereby undertake, if my tender is accepted, before commencement of the works under the contract, a suitable and sufficiently documented Health and Safety Plan in accordance with Regulation 7(1) of the Construction Regulations, which plan shall be subject to approval by the Employer.

6. I confirm that copies of my company's approved Health and safety plan, the employer's safety specifications as well as the OHSA 1993 Construction Regulations 2014 will be provided on site and will at all times be available for inspection by the contractor's personnel, the Employer's personnel, the Engineer, Visitors, and officials and inspectors of the Department of Labour.

7. I hereby confirm that adequate provision has been made in my tendered rates and prices in the schedule of quantities to cover the cost of all resources, action, training and all health and safety measures envisaged in the OHSA 1993 Construction Regulations (Regulation 33) for failure on the Contractor's part to comply with the provisions of the Act and the Regulations.

8. I agree that my failure to complete and execute this declaration to the satisfaction of the employer will mean that I am unable to comply with the requirements of the OHSA 1993 Construction Regulations 2014, and accept that my tender will be prejudiced and may be rejected at the discretion of the Employer.

SIGNATURE: .....

DATE:

.....

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

# RESERVE RULES FOR CONTRACTORS

1. No person may leave or enter the Protected Area after set Gate closing hours without authorisation from the Officer in Charge or responsible Park Manager (OIC) of the Protected Area. The Gate opening and closing times may be seasonal and must be strictly adhered to.
2. No person may enter or exit the Protected Area except through an agreed designated point but, irrespective of whether or not a designated point is used the person will be bound by these Rules.
3. Should the Contractor wish to enter the Protected Area for business purposes after hours, this must be pre-arranged with the OIC of the Protected Area and the necessary authority obtained in advance. There shall be no after-hours access for private purposes.
4. Night driving in the Protected Area is prohibited unless on official business with appropriate prior authority from the OIC of the Protected Area.
5. No vehicle may leave the designated roads without the express permission of the OIC of the Protected Area.
6. Access to the Protected Area and construction sites within the Protected Area shall be by official work vehicles. No children shall be permitted entry to the construction areas.
7. All construction related activities must be conducted in accordance with the Reserve Rules, applicable legislation and the care due to a Protected Area.
8. All Reserve Rules must be adhered to by contractors, subcontractors and staff (this includes behaviour, disturbance and access). The lead contractor will be held responsible for subcontractors and their staff, although this does not prevent legal action being taken directly against the perpetrators.
9. Staff and subcontractors may be refused entrance from the Protected Area should they fail to comply with the EMPr, Reserve Rules or relevant legislation.
10. The principle of Minimum Tools applies within Protected Areas, both during construction work and rehabilitation work. Essentially this requires that the tools used are those that have the least impact on the environment. The contractor must designate a list of materials and tools/equipment/machinery/vehicles to Ezemvelo prior to starting work on site.
11. It must be clearly understood that the National Road Traffic Act applies to the Protected Area roads and will be enforced where necessary, in particular:
  - Non-licensed drivers will not be tolerated.
  - No person shall enter, drive or operate in the Protected Area, a motor vehicle that is not lawfully registered and licensed, in terms of the National Road Traffic Act (NRTA).
12. No person shall enter with or operate any vehicle other than a vehicle that conforms to the dimensions and other requirements prescribed by Ezemvelo. Special permission is required for construction type vehicles and the route to be followed may be specified in order to protect roads or avoid disturbance to visitors or particular species.
13. Drive, park or stop in such a manner that it constitutes a nuisance, disturbance, inconvenience or danger to any other person, causes an obstruction, blocks the pathway of an emergency vehicle or causes damages of any kind including damage to plants.
14. Tourists have right of way and every effort should be made not to inconvenience them by inconsiderate driving or speeding. Tourists reporting such incidents will have their complaints fully investigated and offenders will be held accountable.
15. The maximum speed limit in the Reserve is 40 km/h unless indicated as a slower speed.
16. No-one is permitted to damage or potentially damage any road or property within the Protected Area without prior permission from the OIC of the Protected Area.

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17. No one may damage, hurt or endanger any animal, human being, plant or property of Ezemvelo KZN Wildlife. No animal or plant may be disturbed, removed or harmed. No rocks may be defaced. It is forbidden to feed the animals.
18. Any person who causes any damage to any property within the Protected Area or to any animal or plant in the Protected Area shall be liable for the costs or repair or replacement of such property or the costs of treatment of such animal or plant. In addition the offending person may be prosecuted.
19. Littering and pollution is prohibited. No person may discard any article, including cigarette ends, or refuse of whatever nature, except in receptacles and containers provided specifically for this purpose. All other refuse or litter must be kept and removed from the Protected Area.
20. Designated toilets must be provided and only these may be used for ablutions.
21. No one may discard any burning object in any place where it may set fire to any other object or otherwise act in a manner likely to cause a fire other than where the making of a fire is specifically permitted. No open fires are permitted and the use of gas must be by prior arrangement with the OIC of the Protected Area.
22. No firearms will be permitted into the Protected Area. Any person wishing to bring a firearm into the Protected Area or construction site must make prior arrangement with the OIC of the Protected Area.
23. No animals are to be brought to site or into the Protected Area. No pets are permitted.
24. The consumption of alcohol is prohibited in all areas except booked accommodation and the designated, demarcated contractor's accommodation units.
25. Advertising or trading within the Protected Area is not allowed.
26. Any person to whom special permission of any nature whatsoever may be granted to enter into or reside in the Protected Area shall, in addition to the provisions of the Act, the regulations and these rules, observe all instructions which the OIC may deem fit to issue in connection with such permission.
27. Noise levels are to be kept to approved limits. Machinery must use appropriate silencers and must be well maintained to reduce pollution.
28. Night lighting must be appropriate and directed towards the construction works.
29. No person shall stay or overnight in any part of the Protected Area at any place other than a resort or any other place designated by the Authority for such stay.
30. Overnight security must be with the prior arrangement with the OIC of the Protected Area.
31. Contractors and their staff and sub-contractors must remain within the designated construction sites and access routes at all times.
32. No person shall fail to comply with a lawful instruction issued by the Authority or an officer while inside the Protected Area.
33. Any person who persists in causing a nuisance to any other user of the Protected Area or who persists in disregarding the applicable regulations, rules, notices or lawful instructions of an officer may be required to leave the Protected Area and may be prohibited from re-entering the Protected Area.



## **PART C2: PRICING DATA**

## **PART C2: PRICING DATA**

C2.1 PRICING INSTRUCTIONS

C2.2 BILLS OF QUANTITIES

## C2.1 PRICING INSTRUCTIONS

The Bidder's prices must be provided in accordance with the scope of work i.e. the prices, rates and quantities to be included in the Pricing Schedule for the work described under several items. An item against which no price is entered will be considered to be covered by prices in the Pricing Schedule. Where any item is not relevant to this specific contract, such item is marked N/A (signifying "not applicable")

The method of measurement herein will be the only method of measurement recognized in connection with this contract.

All equipment or materials used in this contract is to be that which is specified or other approved (other approved means where approval is given by the Head: Works prior to the close of the quotation).

The Pricing Schedule is to indicate VALUE ADDED TAX payable by the Employer separately in addition to the total Quoted prices. The Quotation Offer must indicate prices inclusive of VALUE ADDED TAX.

The Bidders obligation in pricing the Quotation offer and the Employer's undertakings in checking and corrections of arithmetical errors are indicated in the Annexure A - Standard Conditions of Quotation.

The Conditions of Contract referred to in this document must be understood and read by the Contractor and will be taken to apply at all times to the work which this Contract refers. The contractor must allow whatever price or costs he may consider necessary to provide for the carrying out and due observance of the aforesaid Conditions of Contract.

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**UPGRADE OF MPILA CAMP WATER TREATMENT PLANT**

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**BILL OF QUANTITIES**

|                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |     |      |        |
|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|------|--------|
| PROJECT TITLE                                                                                                            | UPGRADE OF MPILA CAMP WATER TREATMENT PLANT, HLUHLUWE IMFOLOZI PARK                                                                                                                                                                                                                                                                                                                                                                                                              |      |     |      |        |
| Rate shall mean inclusive of material, labour, equipment cost, and where appropriate for installation and commissioning. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |     |      |        |
| ITEM NO.                                                                                                                 | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | UNIT | QTY | RATE | AMOUNT |
|                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |     |      |        |
|                                                                                                                          | WATER TREATMENT PLANT                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |     |      |        |
|                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |     |      |        |
|                                                                                                                          | Standard Preambles                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |     |      |        |
|                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |     |      |        |
|                                                                                                                          | The Tenderer is referred to the relevant Clauses in the Model Preambles for Trades (2008 Edition) and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities.                                                                                                                                                                                                                                                                           |      |     |      |        |
|                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |     |      |        |
|                                                                                                                          | Supplementary Preambles                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |     |      |        |
|                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |     |      |        |
|                                                                                                                          | Pump sets                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |     |      |        |
|                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |     |      |        |
|                                                                                                                          | Descriptions of pumps shall be deemed to include connections to water and electrical supply and/or discharge points, vibration insulation mountings, insulation, drip trays with outlets, pressure gauges, etc                                                                                                                                                                                                                                                                   |      |     |      |        |
|                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |     |      |        |
|                                                                                                                          | PUMPS                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |     |      |        |
|                                                                                                                          | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |     |      |        |
|                                                                                                                          | Discharge water pump:                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |     |      |        |
|                                                                                                                          | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |     |      |        |
| 1                                                                                                                        | Provide "Hasqvarna" or equivalent discharge water pump with minimum 32 m3/hour discharge capacity at 28m head, suction of 7m, with an inlet/outlet size of 50mm diameter. The pump to be complete with associated pipework including duck foot bends. Including maintenance and removal of existing pump.                                                                                                                                                                        | No.  | 1   |      |        |
|                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |     |      |        |
|                                                                                                                          | High lift pump:                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |     |      |        |
|                                                                                                                          | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |     |      |        |
| 2                                                                                                                        | "HD60H Mk2 Franklin" or equivalent horizontal high head Mono HD60H Mk2 pump with a shaft diameter of 48mm, suction and discharge of an efficient 50 BS 4504 and 70 kilogram mass. Including an electric motor of three phase 22 Kw and modified to existing steel (300m head at 11 m3 pump speed; 1180rpm) complete with frames, valves and sundry fittings. The pump to be complete with associated pipework and couplings. Including maintenance and removal of existing pump. | No.  | 2   |      |        |
|                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |     |      |        |

|                                                  |                                                                                                                                                                                                                                                                                                    |      |   |            |  |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---|------------|--|
| 3                                                | "HD60H Mk2 Franklin" or equivalent horizontal high head Mono HD Mk2 pump with a shaft diameter of 60mm, suction and discharge of an efficient 50 BS 4504 and 70 kilogram mass. The pump to be complete with associated pipework and couplings. Including maintenance and removal of existing pump. | No.  | 1 |            |  |
|                                                  |                                                                                                                                                                                                                                                                                                    |      |   |            |  |
|                                                  | <b><u>GENERATORS</u></b>                                                                                                                                                                                                                                                                           |      |   |            |  |
|                                                  |                                                                                                                                                                                                                                                                                                    |      |   |            |  |
|                                                  | <b><u>Generator:</u></b>                                                                                                                                                                                                                                                                           |      |   |            |  |
|                                                  |                                                                                                                                                                                                                                                                                                    |      |   |            |  |
| 4                                                | 60kVA prime/66kVA standby power generator at 230/400v @ 50Hz 1500rpm, with Automatic changeover (ATS) and brushless alternator with AVR, Silent weather resistant enclosure. Generator to be supplied with one year/1000 hour warranty.                                                            | No.  | 1 |            |  |
|                                                  |                                                                                                                                                                                                                                                                                                    |      |   |            |  |
| 5                                                | "Lister Petter" or equivalent engine generator to operate one high lift standby pump. Type TR3 or equivalent, with 3-cylinders, 98.42mm/ 3.875 nominal cylinder bore, 101,6mm/4.0 in stroke, 1800rpm, 5.5l/hr.                                                                                     | No.  | 1 |            |  |
|                                                  |                                                                                                                                                                                                                                                                                                    |      |   |            |  |
|                                                  | <b><u>Sundries:</u></b>                                                                                                                                                                                                                                                                            |      |   |            |  |
|                                                  |                                                                                                                                                                                                                                                                                                    |      |   |            |  |
| 6                                                | Testing and commissioning the complete electrical installation                                                                                                                                                                                                                                     | Item | 1 |            |  |
|                                                  |                                                                                                                                                                                                                                                                                                    |      |   |            |  |
| 7                                                | Certificate of Compliance.                                                                                                                                                                                                                                                                         | Item | 1 |            |  |
|                                                  |                                                                                                                                                                                                                                                                                                    |      |   |            |  |
| 8                                                | Testing new and existing water pipe system.                                                                                                                                                                                                                                                        | Item | 1 |            |  |
|                                                  |                                                                                                                                                                                                                                                                                                    |      |   |            |  |
|                                                  | <b>PROVISIONAL SUMS AND ALLOWANCES</b>                                                                                                                                                                                                                                                             |      |   |            |  |
|                                                  |                                                                                                                                                                                                                                                                                                    |      |   |            |  |
| 9                                                | Provide an amount for the appointment of a Geohydrologist to provide an assessment report and recommendations for the boreholes. Geohydrologist to also select the step test and constant discharge rate of pumping.                                                                               | Item | 1 |            |  |
|                                                  |                                                                                                                                                                                                                                                                                                    |      |   |            |  |
| 10                                               | Provide the sum of R 10 000.00 (Ten Thousand Rands Only) for Health and Safety requirements                                                                                                                                                                                                        | Item | 1 | R10 000,00 |  |
|                                                  |                                                                                                                                                                                                                                                                                                    |      |   |            |  |
| 11                                               | Provide the sum of R 1 500.00 (One Thousand Five Hundred Rands Only) for GCC 2015 3rd Edition.                                                                                                                                                                                                     | Item | 1 | R1 500,00  |  |
|                                                  |                                                                                                                                                                                                                                                                                                    |      |   |            |  |
| 12                                               | Allow an amount of R 30 000.00 (Thirty Thousand Rands Only) for CONTINGENCIES against the works to be used as directed by EKZNW Technical Services Official and to be deducted in whole or in part if not required                                                                                 | Item | 1 | R30 000,00 |  |
|                                                  |                                                                                                                                                                                                                                                                                                    |      |   |            |  |
| <b>TOTAL OF WORK</b>                             |                                                                                                                                                                                                                                                                                                    |      |   |            |  |
| <b>Add: Preliminary and General Costs of 15%</b> |                                                                                                                                                                                                                                                                                                    |      |   |            |  |
| <b>TOTAL OF WORK INCLUDING P&amp;G's</b>         |                                                                                                                                                                                                                                                                                                    |      |   |            |  |
| <b>VAT (15%)</b>                                 |                                                                                                                                                                                                                                                                                                    |      |   |            |  |
| <b>GRAND TOTAL</b>                               |                                                                                                                                                                                                                                                                                                    |      |   |            |  |

# Specification:

The scope of work includes, but is not limited to:

- Upgrade of Electrical control panel.
- Supply installation of cylinder generator
- Upgrade of Abstraction to automatically switch off abstraction pump when reservoir water level is full – leave manual operations it seems adequate.
- Installation of HD60H pumps with motor and sundries.

It is the intent of this Contract to require an installation complete in all details, whether or not indicated by Ezemvelo's requirements or specifications, for the successful operation of the water treatment plant system at Mpila Camp.

## Electrical Panel upgrade

The operation MCC panel will have the following functional description.

- The operation of the abstraction pump must be coupled to both the flocculation and sand settling pumps and must render the backwashing pump inoperable.
- The backwashing pump must be manually operated from the control panel.
- The panel mains and all pumps must have green led pilot lights to indicate that they are energised and red pilot lights to indicate that they are off.
- There must be separate buttons to switch on or switch-off the pumps.
- There should be a 220-volt socket in the panel for operating maintenance equipment.

NB the pump must be supplied with a full installation kit which includes a foot-valve, electrical cabling, tubing, etc.

## Warranty

Issue of all warranties for all equipment installed as per manufacturer. During the first year of operation any failure in the equipment supplied or in the operation of the system, such as leaks and electrical failures must be repaired by the Contractor at his own cost.

## Responsibility

The Contractor must take full responsibility for the system design, manufacture, supply, installation and commissioning of the system. The successful Contractor, upon appointment, must provide a project program listing tasks and timelines; against which Contractor performance will be measured.