

CHIEF ALBERT LUTHULI LOCAL MUNICIPALITY



PROFESSIONAL SERVICES PROVIDER FOR THE IMPLEMENTATION OF EMPULUZI/METHULA BULK WATER SUPPLY SCHEME, PHASE 1 IN CHIEF ALBERT LUTHULI LOCAL MUNICIPALITY

Contract No. ALMP01/2024

Technical Proposal

Chief Albert Luthuli Local Municipality	Chief Albert Luthuli Local Municipality
PO Box 24 Carolina 1185 Contact for Administration: Name: Mr. JA Nkosi Telephone. (017) 843 4000	PO Box 24 Carolina 1185 Contact for Technical: Name: Mr. Bongani Thela Telephone. (017) 843 4084/5
Tenderer _____	
CSD Registration Number: _____	
.....	
.....	

CLOSING DATE & TIME: 18 MARCH 2025 AT 12H00

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MBD 1**1. INVITATION TO BID**

PROFESSIONAL SERVICES PROVIDER FOR THE DEVELOPMENT OF A REGIONAL BULK WATER SUPPLY MASTER PLAN AND IMPLEMENTATION OF REGIONAL BULK WATER INFRASTRUCTURE SERVICES

BID NUMBER: ALMP01/2024 **CLOSING DATE:** 18 MARCH 2025 **CLOSING TIME:** 12h00

COMPULSORY BRIEFING DATE : 26 FEBRUARY 2025 11 AM @ MPULUZI UNIT OFFICES

DESCRIPTION: PROFESSIONAL SERVICES PROVIDER FOR THE DEVELOPMENT OF A REGIONAL BULK WATER SUPPLY MASTER PLAN AND IMPLEMENTATION OF REGIONAL BULK WATER INFRASTRUCTURE SERVICES

The successful bidder will be required to fill in and sign a written Contract Form (MBD 7).

BID DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT: **28 Kerk Street, Carolina, 1185**

- The ground floor in the Chief Albert Luthuli Municipality Head Office in Carolina

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

- The bid box is generally open during normal office hours from 07h30 to 16h15.

ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS – (NOT TO BE RE-TYPED)

The following conditions will apply:

- Price(s) of the bid must be valid for at least ninety (90) days from date of your offer.
- Price(s) of the bid must be firm and must be inclusive of VAT.
- The lowest acceptable tender will determine the Preferential point system to be used: 80/20 or 90/10 as per the Preferential Procurement Regulation 2022.
- The successful service provider will be the one scoring the highest points on price and municipal objectives.
- The Municipality is not obliged to appoint based on receipt of the lowest bid price
- No telegraphic or facsimile proposals will be considered.
- Proposals from bidders who are non-tax compliant will be disqualified.
- Tender document must be completed in full and signed.
- The lowest acceptable tender will determine the Preferential point system to be used: 80/20 or 90/10
- A two-envelope system will be used for this tender – bidders are expected to submit the technical and financial proposal in two separate envelopes.

Failure to comply with these conditions will invalidate your offer.

NB: No bids will be considered from persons in the service of the state¹

1. MSCM Regulations: “in the service of the state” means to be –

- (a) a member of –
 - (i) any municipal council;
 - (ii) any provincial legislature; or
 - (iii) the national Assembly or the national Council of provinces;
- (b) a member of the board of directors of any municipal entity;
- (c) an official of any municipality or municipal entity;
- (d) an employee of any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999);
- (e) a member of the accounting authority of any national or provincial public entity; or
- (f) an employee of Parliament or a provincial legislature.

THE FOLLOWING PARTICULARS MUST BE FURNISHED

(FAILURE TO DO SO WILL RESULT IN YOUR BID BEING DISQUALIFIED)

NAME OF BIDDER

.....

POSTAL ADDRESS

.....

STREET ADDRESS

.....

TELEPHONE NUMBER CODE NUMBER

.....

CELLPHONE NUMBER

.....

FACSIMILE NUMBER CODE NUMBER

VAT REGISTRATION NUMBER

HAS AN ORIGINAL TAX CLEARANCE CERTIFICATE BEEN ATTACHED (MBD 2)? YES/NO

ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS/SERVICES OFFERED
BY YOU? YES/NO

(IF YES ENCLOSE PROOF)

SIGNATURE OF BIDDER

DATE

CAPACITY UNDER WHICH THIS BID IS SIGNED

ANY ENQUIRIES REGARDING THE BIDDING PROCEDURE MAY BE DIRECTED TO:

Municipality / Municipal Entity: Chief Albert Luthuli Local Municipality

Department: Supply Chain Management Unit

Contact Person: Mr James Nkosi

Tel: 017 843 4036

Fax: 017 843 4001

ANY EQUIRIES REGARDING TECHNICAL INFORMATION MAY BE DIRECTED TO:

Contact Person: Mr Bongani Thela

Tel: 017 843 4084/5

Fax: 017 843 4001

2. TERMS OF REFERENCE (TOR)

PROSPECTIVE BIDDERS ARE HEREBY INVITED TO SUBMIT PROPOSALS PROFESSIONAL SERVICES PROVIDER FOR THE IMPLEMENTATION OF EMPULUZI/METHULA BULK WATER SUPPLY SCHEME, PHASE 1 IN CHIEF ALBERT LUTHULI LOCAL MUNICIPALITY.

1. General Information:**Purpose**

The Municipality is soliciting technical and financial proposals.

Type of contract

The contract will be a multiyear project. It is anticipated that work will begin in the current financial year 2024/2025.

Submission of proposals

A **two Envelope System** will be used. Bidders must submit **‘technical proposals’** and **‘financial proposals’** separately clearly marked the MUNICIPAL MANAGER, BID **“ALMP01/2024 TECHNICAL PROPOSAL”** & BID **“ALMP01/2024 FINANCIAL PROPOSAL”**.

The sealed envelopes must be deposited in the Tender Box of the Municipality on or before the closing date of 18 March 2025 at 12:00 where after technical proposals will be opened in public and the name of each tenderer whose technical proposal is opened will be announced. Financial proposals will only be opened should the technical proposal meet the required minimum requirements on a date to be communicated and bidders who did not meet the minimum requirements will be posted back. Late proposals will not be accepted\considered as well as those submitted via facsimile or email.

Technical Proposals must be accompanied by the following compulsory documents (Pre-qualification documents before the technical proposal can be evaluated) :

- (a) Completed tender document;
- (b) Original Valid Tax Clearance Certificate or SARS Pin;
- (c) Company Certificate & ID
- (d) Company or director's Municipal rates Account not in arrears for more than 90 days and not older than three months or Lease agreement together with the landlord's municipal rates account.
- (e) Proof of CSD registration.

Bidders who do not attend the compulsory briefing will be automatically disqualified Only bidders who are registered with CSD will be considered.

Failure to submit all required documents will lead to disqualification of the tender.

Proposals must be signed by an authorized agent to bind the service provider to its provisions.

1. Background

Council has approved the commencement of the project in the Financial Year (2024/25 Financial Year). The scope of works will entail the PROFESSIONAL SERVICES PROVIDER FOR THE IMPLEMENTATION OF EMPULUZI/METHULA BULK WATER SUPPLY SCHEME, PHASE 1 IN CHIEF ALBERT LUTHULI LOCAL MUNICIPALITY that will be compiled by appointed consultant/ consortium of consultants.

2. Project Goals & Objectives

The main objective of the project is to clear infrastructure backlogs adequately plan for the supply of water in Empuluzi Methula areas within Chief Albert Luthuli Municipality.

2.1 Project Goals

- Ensure the Chief Albert Luthuli Municipality's compliance to legislated obligations as a Water Services Authority (WSA).
- Improve water services delivery and its sustainability in the municipal area.
- Eradicate service delivery backlogs.
- Ensure water supply security and resilience.
- Ascertain the current capacities and spare capacities of the various raw water components of the water supply and distribution network to guide short term expansion of developments.

The employer's objective is to ensure that the community of Empuluzi/Methula has reliable potable water and infrastructure that is operating efficiently to resolve the current challenges with water supply until year 2033.

Phases 3 to 8 of the project has either been implemented or currently under implementation. Phase 2, the pumping mains from the OCSD to the Mayflower and Methula Water Treatment Works has yet to be implemented due to its dependency on the finalised Phase 1 infrastructure.

2.2 The primary objectives of the project are to:

The scheme is intended to benefit Mayflower A, B, C, D, E & G, Redhill, Slovo, Dundonald, Swallowsnest, Hereford, Waverly, Matshekesheni, Sentleni, Mayflowergate, Glenmore and Ntababomvu settlements at Empuluzi area and Tinkhulungwane, Syde, Dewet, Ngodlomezi, Northdene, Dumburton, Fernie and Ndonga at Methula area – all under Chief Albert Luthuli Local Municipality.

3. Evaluation criteria

Adjudication during the bidding process will be subject to:-

A Functionality

B. Point Systems:

- The 80/20 point system will apply for projects with a fee value up to R50,000,000.
- The 90/10 point system will apply for projects with a fee value above R50,000,000.

C. Price/Functionality Formula: Price formula

The formula to be used to calculate the points for price is as follows:

Price/Functionality Formula: Price formula

The formula to be used to calculate the points for price is as follows:

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

where

P_s = Points score for price

P_t = Comparative price of bid under consideration

$P_{\min}$ = Comparative price of the lowest acceptable bid

D. Preferential points will be awarded as per the Chief Albert Luthuli Municipality

Preferential Procurement Regulations 2022 whereby 80 or 90 points will be awarded for price and 20 or 10 points will be awarded in terms of the Chief Albert Luthuli Municipal objectives.

TECHNICAL EVALUATION

Evaluation criteria A. Adjudication during the bidding process will be subject to functionality. Technical proposals will be evaluated on quality, then tenderers who remain in contention for the award of the contract will be invited for the financial proposals opening. Unopened financial proposals to tenderers whose technical proposals failed to achieve the minimum number of points for quality will be returned.

FUNCTIONALITY

Note: Functionality shall be scored by not less than three evaluators in accordance with the following schedules:

Point Allocation Criteria		Weighting Allocated
Company Experience		Total
The evaluation will consider the nature of the reference projects, scope of services provided and Employer/Client references. NOTES: • Certified appointment Letters, Completion Certificates and Contactable References for each (to be verified) submitted project indicating completion of allocated scope for Bulk Water or related projects (Bulk water, River abstractions, pumping and gravity mains pipelines, pump stations, water treatment works, Dam Engineering, etc) • Each project should be completed within the past 10 years and a minimum of R 100 million • Minimum of two Water Engineering Design projects successfully implemented. • Clear and contactable references are to be included NB: A maximum of 30 points are allocated and a minimum of 21 points are obtainable to proceed to further evaluation criteria		30
• One project	6	
• Two projects	12	
• Three projects	18	
• Four projects	21	
• Five projects	30	
Quality Assurance		Total
The evaluation will consider the submission of a well structure Quality Control Plan NB: A maximum of 10 points are allocated are obtainable to proceed to further evaluation criteria		10
• No Submission	0	
• Accredited ISO 9001 - 2015 Certification	10	

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Experience of Key Personnel		Total
The evaluation will consider the experience, qualifications and professional registration NOTES: • A signed CV (not more than 3 pages) in the required format below, shall be provided for each key person. This should be attached to this schedule • Signed CVs and certified copies of qualifications certificates of key personnel to be included • Certified copies of Professional registration certificates of key personnel to be included NB: A maximum of 30 points are allocated and a minimum of 22.5 points are obtainable to proceed to further evaluation criteria		30
Specialized Resources		Total
Lead Engineer/Project Director - A registered professional civil engineer or technologist (Pr. Eng/Pr Tech Eng) with the Engineering Council of South Africa (ECSA) with at least 20 (Twenty) years of verifiable post graduate experience in Water Engineering		7.5
• No Submission	0	
• 10 Years' Relevant Experience	2	
• 15 Years' Relevant Experience	5	
• 20 Years' Relevant Experience	7.5	
APP - Approved Professional Person - with at least Bachelor's degree in Civil Engineering and be registered professional civil engineer/Technologist (Pr. Eng/Pr Tech Eng) with the Engineering Council of South Africa (ECSA) with at least 10 (Ten) years of verifiable post graduate experience in Dam related projects.		7.5
• No Submission	0	
• 5 Years' Relevant Experience	5	
• 10 Years' Relevant Experience	7.5	
Lead Structural Engineer - A registered professional civil engineer (Pr. Eng/Pr Tech Eng) with the Engineering Council of South Africa (ECSA) with at least 15 (Fifteen) years of verifiable post graduate experience in Structural Engineering		7.5
• No Submission	0	
• 5 Years' Relevant Experience	2	
• 10 Years' Relevant Experience	5	
• 15 Years' Relevant Experience	7.5	

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Geotechnical Specialist - A registered professional geotechnical engineer (Pr. Nat.Sci) with the SACNASP with at least 15 (Fifteen) years of verifiable post graduate experience in Geotechnical Engineering		7.5
• No Submission	0	
• 5 Years' Experience	2	
• 10 Years' Experience	5	
• 15 Years' Experience	7.5	
Approach, Methodology and Work Plan Paper for Category II Dam		TOTAL
This paper must include approach, methodology and work plan covering the whole project lifecycle of a Category II Dam and propose stages as contained in the specifications.		15
NB: A maximum of 15 points are allocated and a minimum of 12 points are obtainable to proceed to further evaluation criteria		
No Submission or Method statement provided limited information and is ambiguous	0	
Method statement provided 70% or more of the required technical and legal information and is unambiguous	12	
Method statement met all the technical and legal requirements and is Unambiguous	15	
Detailed Programme of Project Life Cycle		TOTAL
This programme must include all milestones and critical path for the entire project lifecycle's Category II Dam, Weir, Pump Station and Access Road		15
NB: A maximum of 15 points are allocated and a minimum of 12 points are obtainable to proceed to financial offer consideration		
No Submission or Program provided limited information and is ambiguous	0	
Program provided 70% or more of the required technical information and is unambiguous	12	
Program met all the technical and legal requirements and is unambiguous	15	
Point Allocation Criteria		Weighting Allocated
Company Experience		30
Quality Assurance		10
Experience of Key Personnel		30
Approach, Methodology and Work Plan Paper		15
Detailed Programme of Project Life Cycle		15
Grand Total		100
Percentage		

Bidders with a final score for functionality that is below 80 will not be considered for price and preferential points

EVALUATION ON QUALITY/FUNCTIONALITY = 100

Checklist for scoring of the Methodology and Quality Control

- The intention of this form is to demonstrate the tenderer's understanding of the scope of works by providing a method statement and quality control.
- The Tenderer to provide a method statement that is project specific under the following headings:
 1. Scope of management.
The Tenderer to explain its understanding of works and intend to manage it.
 2. Scheduling of the works.
The Tenderer to explain its intended construction logic and how integration of various construction activities on project, sub-project and work package level will be achieved.
 3. Cost management
The Tenderer to explain it intend to manage the project funding.
 4. Resource Management
The Tenderer to explain it intend to manage its resources which may inter alia entail site facilities, plant and equipment, construction materials, human resources and IT.
 5. Communications Management
The Tenderer to explain it intend to manage project communications and its project communication plan.
 6. Quality management
The Tenderer to explain the quality control processes that will be put in place to control its outputs in terms of works and design requirements.
 7. Socio-economic Development and subcontractor procurement management.
 - i. The Tenderer to explain how work packages will be identified to ensure that SED targets are met in terms of local subcontractor procurement.
 - ii. The Tenderer to explain how the local subcontractors will be managed.
 - iii. The Tenderer to explain how local upliftment projects will be identified and managed.
 - iv. The Tenderer to explain how the specialist subcontractors will be procured and managed.
 8. Risk Management
The Tenderer to explain how project risk will be managed which may inter alia entail identifying, analyzing, planning risk response, carrying out risk response and monitoring.

MBD 6.1**Preferencing schedule**

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 Preference Points System to be applied (tick whichever is applicable).

- The lowest acceptable tender will determine the Preferential point system to be used: 80/20 or 90/10

1.3 Points for this tender shall be awarded for:**1.3.1 Price; and****1.3.2 Specific Goals****1.4 The maximum points for this tender will be allocated as follows:**

CHOOSE APPLICABLE PREFERENCE POINT SCORING SYSTEM	☐ 80/20	☐ 90/10
PRICE	80	90
SPECIFIC GOALS	20	10
Total points for Price and Specific Goals	100	100

1.5 Breakdown Allocation of Specific Goals Points**1.5.1 For procurement transactions with rand value greater than R1 Million and up to R50 Million (Inclusive of all applicable taxes) the specific goals as listed in table 2 below are applicable:**

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Table 1

Serial No	Specific Goals	Preference Points allocated out of 20	Documentation to be submitted by bidders to validate their claim for points
1.	An EME or QSE or any entity which is at least 51% owned by Historically Disadvantaged Individuals (HDI)	10	• ID Copy Or • SANAS Accredited BBBEE Certificate or sworn affidavit where applicable Or • CSD Report Or • CIPC (company registration)
2.	Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be done or services to be rendered in that area	2	• ID Copy (Mandatory) Or • Office Municipal Rates Statement Or • Permission To Occupy from local chief in case of rural areas (PTO) Or • Lease Agreement
3.	An EME or QSE or any entity which is at least 51% owned by women	4	• ID Copy Or • CSD Report Or • CIPC (company registration)
4.	An EME or QSE or any entity which is at least 51% owned by people with disability	2	• ID Copy (Mandatory) Or • Medical Certificate Or • South African Social Security Agency (SASSA) registration Or • National Council for Persons with Physical Disability in South Africa registration (NCPDSA) Or • CSD Report Or • CIPC (company registration)
5.	An EME or QSE or any entity which is at least 51% owned by youth .	2	• ID Copy Or • CSD Report Or • CIPC (company registration)

1.5.2 For procurement transactions with rand value greater than R50 Million (Inclusive of all applicable taxes) the specific goals as listed in table 3 below are applicable**Table 2**

Serial No	Specific Goals	Preference Points allocated out of 10	Documentation to be submitted by bidders to validate their claim for points
1.	An EME or QSE or any entity which is at least 51% owned by Historically Disadvantaged Individuals (HDI)	4	• ID Copy Or • SANAS Accredited BBBEE Certificate or sworn affidavit where applicable Or • CSD Report Or • CIPC (company registration)
2.	Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be done or services to be rendered in that area	2	• ID Copy (Mandatory) Or • Office Municipal Rates Statement Or • Permission To Occupy from local chief in case of rural areas (PTO) Or • Lease Agreement
3.	An EME or QSE or any entity which is at least 51% owned by women	2	• ID Copy • CSD Report Or • CIPC (company registration)
4.	An EME or QSE or any entity which is at least 51% owned by people with disability OR An EME or QSE or any entity which is at least 51% owned by youth.	2	• ID Copy (Mandatory) Or • Medical Certificate Or • South African Social Security Agency (SASSA) registration Or • National Council for Persons with Physical Disability in South Africa registration (NCPDPSA) • ID Copy • CSD Report Or • CIPC (company registration)

- 1.6 Failure on the part of the tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals, if the service provider/ tenderer did not submit proof or documentation required to claim for specific goals will be interpreted to mean that preference points for specific goals are not claimed.
- 1.7 The organ of state reserves the right to require of a service provider/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 1,2 and 3 above as may be supported by proof/ documentation stated in the conditions of this tender:
- 4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—
- (a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
 - (b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,
- then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

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

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

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

The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Number of points claimed (80/20 system) (To be completed by the tenderer)
1. An EME or QSE or any entity which is at least 51% owned by Historically Disadvantaged Individuals (HDI)	4	10		
2. Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be done or services to be rendered in that area	2	2		
3. An EME or QSE or any entity which is at least 51% owned by women	2	4		
4. An EME or QSE or any entity which is at least 51% owned by people with disability or	2	2		
5. An EME or QSE or any entity which is at least 51% owned by youth . [*] (only one specific goal is applicable between specific goal number 4 and specific goal number 5 under 90/10 Preference Point System)	2	2		

Note: ^{*}in respect of the 90/10 point system a selection of either disability or youth may be made with an allocation of 2 points for either of them.

Part B: Returnable Documents

The following documents are to be completed and returned as they constitute the tender. Whilst many of the returnable are required (Compulsory to be completed and submitted) for the purpose of evaluating the tenders, some will form part of the subsequent contract, as they form the basis of the tender offer. For this reason, it is very important that tenderers return all information requested.

FORM A: COMPULSORY ENTERPRISE QUESTIONNAIRE

In the case of a Joint Venture this page is to be completed and submitted in respect of each partner.

1. NAME OF ENTERPRISE AND CONTACT PERSON

2. CONTACT NUMBER

3. FAX NUMBER

4. E-MAIL ADDRESS

5. POSTAL ADDRESS

6. PHYSICAL ADDRESS

7. VAT REGISTRATION

8. TAX REFERENCE NUMBER

9. CIDB REGISTRATION NUMBER

10. CIDB GRADING

11. ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE
GOODS / SERVICES / WORKS OFFERED?

YES / NO

Signature

Date

Capacity under which the Bid is signed

Name of bidder

**ATTACH THE FOLLOWING DOCUMENTS AS AN ANNEXURE TO THE TENDER DOCUMENT WITH
REFERENCE TO THE APPLICABLE RETURNABLE SCHEDULE – FORM A:**

1. For Closed Corporations
 - CK1 or CK2 as applicable (Founding Statement)
2. For Companies
 - A copy of the Certificate of Incorporation
 - Certified Copies of the ID's of the Directors and
 - the shareholders register
3. For Joint Venture Agreements
 - Copy of the Joint Venture Agreement between all the parties,
 - as well as the documents in (1) or (2) of each Joint Venture member.
4. For Partnership
 - Certified Copies of the ID's of the partners
5. One-person Business / Sole trader
 - Certified Copy of ID
6. B-BBEE CERTIFICATE OR SWORN AFFIDAVIT
- .

FORM B: DECLARATION OF INTEREST

- 1 Any legal person, including persons employed by the State¹, or persons having a kinship with persons employed by the State, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes a price quotation, advertised competitive bid, limited bid or proposal). In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons employed by the State, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority where:
- the bidder is employed by the State; and/or
 - the legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the bid.
- 2 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

2.1	Full Name of bidder or his or her representative:
2.2	Identity Number:
2.3	Position occupied in the Company (director, trustee, shareholder ²):
2.4	Company Registration Number:
2.5	Tax Reference Number:
2.6	VAT Registration Number:
2.6.1	The names of all directors / trustees / shareholders / members, their individual identity numbers, tax reference numbers and, if applicable, employee / persal numbers must be indicated in paragraph 3 below

¹“State” means:

- a) any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999);
- b) any municipality or municipal entity;
- c) provincial legislature;
- d) National Assembly or the National Council of Provinces; or
- e) Parliament.

**PROFESSIONAL SERVICES PROVIDER FOR THE IMPLEMENTATION OF EMPULUZI/METHULA BULK WATER SUPPLY SCHEME, PHASE 1 IN
CHIEF ALBERT LUTHULI LOCAL MUNICIPALITY**

CONTRACT NUMBER: ALMP01/2024

² “Shareholder” means a person who owns shares in the company and is actively involved in the management of the enterprise or business and exercises control over the enterprise.

2.7	Are you or any person connected with the bidder presently employed by the state?	YES / NO
2.7.1	If so, furnish the following particulars:	
	Name of person / director / trustee / shareholder/ member:	
	Name of state institution at which you or the person connected to the bidder is employed:	
	Position occupied in the state institution:	
	Any other particulars:	
2.7.2	If you are presently employed by the state, did you obtain the appropriate authority to undertake remunerative work outside employment in the public sector?	YES / NO
2.7.2.1	If yes, did you attach proof of such authority to the bid document?	YES / NO
	<u>(Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the bid.)</u>	
2.7.2.2	If no, furnish reasons for non-submission of such proof:	
2.8	Did you or your spouse, or any of the company’s directors / trustees / shareholders / members or their spouses conduct business with the state in the previous twelve months?	YES / NO
2.8.1	If so, furnish particulars:	

**PROFESSIONAL SERVICES PROVIDER FOR THE IMPLEMENTATION OF EMPULUZI/METHULA BULK WATER SUPPLY SCHEME, PHASE 1 IN
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2.9	Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the state and who may be involved with the evaluation and or adjudication of this bid?	YES / NO
2.9.1	If so, furnish particulars:	

2.10	Are you, or any person connected with the bidder, aware of any relationship (family, friend, other) between any other bidder and any person employed by the state who may be involved with the evaluation and or adjudication of this bid?	YES / NO
2.10.1	If so, furnish particulars:	
2.11	Do you or any of the directors / trustees / shareholders / members of the company have any interest in any other related companies whether or not they are bidding for this contract?	YES / NO
2.11.1	If so, furnish particulars:	

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

Full Name	Identity Number	Personal Tax Reference Number	State Employee Number / Personal Number

DECLARATION

I, the undersigned (name)			
certify that the information furnished in paragraphs 2 and 3 above is correct. I accept that the state may reject the bid or act against me in terms of paragraph 23 of the general conditions of contract should this declaration prove to be false.			
Signature			Date
Position			Name of bidder

FORM C: PRO-FORMA FOR JOINT VENTURES:

We, the undersigned, are submitting this tender offer in Joint Venture and hereby authorise

Mr/Ms

authorised signatory of the company

acting in the capacity of lead partner, to sign all documents in connection with the tender offer and any contract resulting from it on our behalf.

NAME OF FIRM	ADDRESS	DULY AUTHORISED SIGNATORY
		Signature: _____ Name: _____ Designation: _____
		Signature: _____ Name: _____ Designation: _____
		Signature: _____ Name: _____ Designation: _____
		Signature: _____ Name: _____ Designation: _____

A Joint Venture Agreement and a (duly signed and dated original or certified copy of the letter of the authorised signatory on the Company Letterhead) or a certified authorisation by the participating members of the undersigned to submit tenders and conclude contracts on behalf of the joint venture

FORM D: DECLARATION OF GOOD STANDING REGARDING TAX

The original Tax Pin must be submitted together with the bid. Failure to submit the Tax Pin will result in the invalidation of the bid. In bids where Consortia / Joint Ventures / Sub-contractors are involved, each party must submit a separate Tax Pin.

MBD 2 Tax Pin Requirements

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

1. In order to meet this requirement bidder is required to complete in full the attached form TCC 001 "Application for a Tax Clearance Certificate" and submit it to any SARS branch office nationally. The Tax Pin Requirements are also applicable to foreign bidders / individuals who wish to submit bids.
2. SARS will then furnish the bidder with a Tax Pin that will be valid for a period of 1 (one) year from the date of approval.
3. The original Tax Pin must be submitted together with the bid. Failure to submit the original and valid Tax Pin will result in the invalidation of the bid. Certified copies of the Tax Pin will not be acceptable.
4. In bids where Consortia / Joint Ventures / Sub-contractors are involved, each party must submit a separate Tax Pin.

**ATTACH THE FOLLOWING DOCUMENTS AS AN ANNEXURE TO THE TENDER DOCUMENT WITH
REFERENCE TO THE APPLICABLE RETURNABLE SCHEDULE – FORM D:**

- Proof of Registration with Central Supplier Database (CSD)
- SARS e-filing PIN
- Municipal rate account

FORM E: DECLARATION FOR PROCUREMENT ABOVE R10 MILLION (ALL APPLICABLE TAXES INCLUDED)

For all procurement expected to exceed R10 million (all applicable taxes included), bidders must complete the following questionnaire:

1. Are you by law required to prepare annual financial statements for auditing? YES / NO

a. If yes, submit audited annual financial statements for the past three years or since the date of establishment if established during the past three years.

Do you have any outstanding undisputed commitments for municipal services towards any municipality for more than three months or any other service provider in respect of which payment is overdue for more than 30 days? YES / NO

b. If no, this serves to certify that the bidder has no undisputed commitments for municipal services towards any municipality for more than three months or other service provider in respect of which payment is overdue for more than 30 days.

c. If yes, provide particulars.

.....

.....

Has any contract been awarded to you by an organ of state during the past five years, including particulars of any material non-compliance or dispute concerning the execution of such contract? YES / NO

d. If yes, furnish particulars

.....

.....

.....

Will any portion of goods or services be sourced from outside the Republic, and, if so, what portion and whether any portion of payment from the municipality / municipal entity is expected to be transferred out of the Republic? YES / NO

e. If yes, furnish particulars

.....

.....

CERTIFICATION

I, THE UNDERSIGNED (NAME)

.....

CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM IS CORRECT.

I ACCEPT THAT THE STATE MAY ACT AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

Signature		Date
Position		Name of Bidder

FORM F: MBD 8 - DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

- 1 This Municipal Bidding Document must form part of all bids invited.
- 2 It serves as a declaration to be used by municipalities and municipal entities in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
- 3 The bid of any bidder may be rejected if that bidder, or any of its directors have:
 - a. abused the municipality's / municipal entity's supply chain management system or committed any improper conduct in relation to such system;
 - b. been convicted for fraud or corruption during the past five years;
 - c. willfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or
 - d. been listed in the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004).
- 4 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

Item	Question	Yes	No
4.1	Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector? (Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audialterampartem</i> rule was applied). The Database of Restricted Suppliers now resides on the National Treasury's website(www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.	Yes ☐	No ☐
4.1.1	If so, furnish particulars:		

PROFESSIONAL SERVICES PROVIDER FOR THE IMPLEMENTATION OF EMPULUZI/METHULA BULK WATER SUPPLY SCHEME, PHASE 1 IN
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Item	Question	Yes	No
4.2	Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)? The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.	Yes ☐	No ☐
4.2.1	If so, furnish particulars:		
4.3	Was the bidder or any of its directors convicted by a court of law (including a court of law outside the Republic of South Africa) for fraud or corruption during the past five years?	Yes ☐	No ☐
4.3.1	If so, furnish particulars:		
4.4	Does the bidder or any of its directors owe any municipal rates and taxes or municipal charges to the municipality / municipal entity, or to any other municipality / municipal entity, that is in arrears for more than three months?	Yes ☐	No ☐
4.4.1	If so, furnish particulars:		
4.5	Was any contract between the bidder and the municipality / municipal entity or any other organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes ☐	No ☐
4.7.1	If so, furnish particulars:		

CERTIFICATION

I, THE UNDERSIGNED (FULL NAME)

CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM TRUE AND CORRECT.

I ACCEPT THAT, IN ADDITION TO CANCELLATION OF A CONTRACT, ACTION MAY BE TAKEN AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature Date

.....
Position Name of Bidder

DECLARATION (VALIDITY OF INFORMATION PROVIDED)

I..... declare that the information provided is true and correct, the signature to the tender document is duly authorised and documentary proof regarding any bidding issue will, when required, be submitted to the satisfaction of the Chief Albert Local Municipality.

Signature of Declarer Date.....

Position of Declarer.....

Name of Company or Tenderer.....

Should the tenderer have, in the opinion of the CALLM, acted fraudulently illegally, in bad faith or in any improper manner, misrepresented itself with regard to the tender, then the CALLM may, in its sole discretion:

- * Ignore any tenders without advising the tenderer thereof
- * Cancel the contract without prejudice to any legal rights the CALLM may have

Should the tenderer disregard this or conduct affairs in a way that transgresses from good business practices, this could seriously impair future business relations between the CALLM and such tenderer.

FORM G: MBD 9 - CERTIFICATION OF INDEPENDENT BID DETERMINATION

- 1 This Municipal Bidding Document (MBD) must form part of all bids¹ invited.
- 2 Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).² Collusive bidding is a *per se* prohibition meaning that it cannot be justified under any grounds.
- 3 Municipal Supply Regulation 38 (1) prescribes that a supply chain management policy must provide measures for the combating of abuse of the supply chain management system, and must enable the accounting officer, among others, to:
 - a. take all reasonable steps to prevent such abuse;
 - b. reject the bid of any bidder if that bidder or any of its directors has abused the supply chain management system of the municipality or municipal entity or has committed any improper conduct in relation to such system; and
 - c. cancel a contract awarded to a person if the person committed any corrupt or fraudulent act during the bidding process or the execution of the contract.
- 4 This MBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
- 5 In order to give effect to the above, the attached Certificate of Bid Determination (MBD 9) must be completed and submitted with the bid:

¹ Includes price quotations, advertised competitive bids, limited bids and proposals.

² Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.

I, the undersigned, in submitting the accompanying bid: _____ in
response to the invitation for the bid made by **CHIEF ALBERT LOCAL MUNICIPALITY** do hereby make
the following statements that I certify to be true and complete in every respect:

I certify, on behalf of: _____ that:

(Name of Bidder)

1. I have read and I understand the contents of this Certificate;

-
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
 3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
 4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign, the bid, on behalf of the bidder;
 5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
 - (a) has been requested to submit a bid in response to this bid invitation;
 - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
 - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder
 6. 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 consortium³ will not be construed as collusive bidding.
 7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - (a) prices;
 - (b) geographical area where product or service will be rendered (market allocation)
 - (c) methods, factors or formulas used to calculate prices;
 - (d) the intention or decision to submit or not to submit, a bid;
 - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
 - (f) bidding with the intention not to win the bid.
 8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
 9. 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 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.

10. 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.

.....

Signature

.....

Date

.....

Position

.....

Name of Bidder

PART C3: SCOPE OF WORK**Scope of Works****Deliverables****TERMS OF REFERENCE (TOR)**

The employer's objectives are to obtain a professional service provider to undertake Stages 4 to Stages 6 of the Implementation of Empuluzi/Methula Bulk Water Supply Scheme Phase 1 in Chief Albert Luthuli Local Municipality as outlined in Section 5 the Terms of Reference. Although not bound in or issued with this document, the Department of Water and Sanitation (DWS)'s RBIG Framework will be the guiding principle and Consultants are expected to be familiar with all the requirements.

EXECUTIVE SUMMARY

Department of Water Affairs as the custodian of Water sector have legislative mandate to ensure effective development and management of all water infrastructure including Regional Bulk Infrastructure. DWS appointed CALM as Implementing Agent (IA) of a Regional Bulk Infrastructure Grant (RBIG) Programme within its area of jurisdiction. The objective of the programme is to provide sustainable Bulk Water Supply within CALM boundaries.

This project is titled Empuluzi/Methula Regional Bulk Water Scheme. The project is intended to benefit the residents in the areas of the Chief Albert Luthuli Local Municipality within the Gert Sibande District.

This scheme entails the Upgrading of the to the existing WTW's at Methula and Mayflower, both of which will be upgraded to 2033 demand requirements of 5Ml/d and 10Ml/d respectively. The remaining bulk distribution network – pumps stations, pipelines will be upgraded. The scheme is intended to serve the current population of 47 884 and 24 095 at Empuluzi and Methula respectively.. The population in both areas is projected to increase to 64 492 and 32 452 for Empuluzi and Methula respectively in year 2033. The scheme is intended to benefit Mayflower A, B, C, D, E & G, Redhill, Slovo, Dundonald, Swallows nest, Hereford, Waverly, Matsheketseni, Sentleni, Mayflowergate, Glenmore and Ntababomvu settlements at Empuluzi area and Tinkhlulungwane, Syde, Dewet, Ngodlomezi, Northdene, Dumburton, Fernie and Ndonga at Methula area – all in Chief Albert Luthuli Local Municipality.

A previous Professional Service Provider was appointed by Gert Sibande District Municipality (GSDM) to conduct for this assignment all the stages from stage 1 to 2 of the RBIG framework. The previous PSP only conducted stages 1 to 2 complete, and Stage 3 (only detailed designs) and these stages need confirmation/affirmation. The Employer desires to appoint a Consultant who will attend to a portion of Stage 3 to Stage 6. The bidding Professional Service Provider will have to price their proposal from stage 3(excluding detailed designs) to stage 6.

Note should be taken that Implementation Readiness study as well as detailed designs has already been completed by the previous Service Provider. The project will be implemented in six (6) Phases. The Employer will make whatever they have available to the PSP at no cost.

The project is limited to bulk water supply and does not allow for any internal distribution networks. The project will be funded by the Department of Water and Sanitation (DWS) under the Regional Bulk Infrastructure Grant (RBIG) programme.

All water resources are registered with DWA as per the National Water Act. Any additional water needed to be sourced shall be registered with DWA.

STRATEGIC AND PLANNING ISSUES

The project footprint of Empuluzi / Methula includes the following settlement areas as per the table below:

Settlement areas for Empuluzi/Methula Name of the Scheme Settlement Empuluzi / Methula Water Supply Scheme

Dundonald, Glenmore, Mayflower, Mayflower Gate, Ntababomvu, Redhill, Hereford, Slovo, Swallownest, Waverley, Matshekesheni and Santleni in Empuluzi area and Tinkhlulungwane, Syde, Dewet, Ngodlomezi, Northdene, Dumburton, Fernie and Ngonga at Methula area.

The main objective of the project is to establish a regional bulk water supply scheme in the CALLM area which would ultimately ensure a sustainable and reliable water supply for the areas within the municipality until the year 2033. The advantage of implementing the recommendations would be the consolidation of water supply sources and the provision of potable water to the communities residing within the schemes.

Different options were considered and investigated as possible options to be considered for the implementation in the CALLM area

After thorough consultation and interaction between GSDM, CALLM and DWS Mpumalanga, the following Technical Options were adopted for implementation:

The Employer's objective is to procure the services of a Professional Engineering Service Provider for the implementation of the remaining project stages (Stages 3 Design Review – 6 as defined in the ECSA Guidelines) on the first phase of this Regional Water Supply Scheme. The project involves the development of a new raw water abstraction facility which may entail a diversion weir, transfer canal and off-channel storage dam in the Empuluzi River as principle components. This infrastructure will augment the assured yields at the existing Mayflower and Methula abstraction facilities to satisfy the 2038 demand of the supply area.

Chosen Technical Option entails the following; and will form part of Scope of Works

The Employer's objective is to procure the services of a Professional Engineering Service Provider for the implementation of the remaining project stages (Stages 3 Design Review – 6 as defined in the ECSA Guidelines) on the first phase of this Regional Water Supply Scheme. The project involves the development of a new raw water abstraction facility which may entail a diversion weir, transfer canal and off-channel storage dam in the Empuluzi River as principle components. This infrastructure will augment the assured yields at the existing Mayflower and Methula abstraction facilities to satisfy the 2038 demand of the supply area.

- Category II Dam Abstraction weir will abstract to fill the Empuluzi Off-Channel Storage (OCS) Dam.
- Water infrastructure to divert raw water from Weir to fill OCS Dam
- Construction of Category II Empuluzi Off-Channel Storage (OCS) Dam
- High lift pump station to the existing Methula WTW and existing Mayflower WTW.
- Access road.

- Conveyance pipelines from OCS Dam to Mayflower and Methula WTWs
- 8km rising main from the pumpstation to Empuluzi water treatment works
- 13km rising main pipeline from the pumpstation to Mayflower water treatment works.

Construction considerations include:

Access roads to be implemented first, and final layers be installed just before the project is completed so as for heavy vehicles not to destroy the final layers.

The project is estimated to cost R 1 425 000.000.00 inclusive of 15% VAT, 10% contingencies, fees and studies and 5% escalation

Tenderers are to make full allowance in their rates for the collection of whatever information may be required to properly carry out their function in terms of this contract. The project will be funded by the Department of Water and Sanitation (DWS) under the Regional Bulk Infrastructure Grant (RBIG) programme.

Project's Strategic Alignment

Secondary objectives of the project would also be to ensure the implementation of key priority areas such as:

- Women and gender equity.
- Empowerment of the youth and people with disabilities.
- HIV / AIDS.
- Broad-Based Black Economic Empowerment (B-BEEE).
- Employment Equity and Transformation.
- Improve the standard of living of the inhabitants of the project area,
- Create job opportunities for the local community during the construction phase of the project,
- Skills development; build capacity by allowing community participation in certain aspects of the project as well as providing skills training,
- Create an awareness of the local environment and the importance of protecting the installed infrastructure; and
- Good Governance

Other Components of Water Supply

The employer's objective is to ensure that the community of Empuluzi/Methula has reliable potable water and infrastructure that is operating efficiently to resolve the current challenges with water supply until year 2033.

Phases 3 to 8 of the project has either been implemented or currently under implementation. Phase 2, the pumping mains from the OCSD to the Mayflower and Methula Water Treatment Works has yet to be implemented due to its dependency on the finalised Phase 1 infrastructure.

Phase 1, which is the upgrade of the source to supply the scheme is detailed in this final Implementation Readiness Study (IRS) Report.

The scope of works for the Consultant will follow the Guidelines set out below

C3.1.1 Extent of the Works

The professional services pertaining to Stages 1 – 3 were partially completed by a previous team of service providers. These services included but were not limited to implementation readiness study, Detail Design, Weir Physical Model, feasibility study, hydrology and water resource assessment, pre-feasibility and detailed geotechnical investigation, desk top environmental and specialist studies as part of the EIA phase, design and reporting. The contract agreement with the previous professional team has expired, hence the need to procure Professional Engineering Services for further implementation.

The supply area is situated approximately at Lat 26°18'49 S, Long 30°52'35 E around the town of Mayflower in Mpumalanga, about 9kms West of the South Africa/Swaziland border. The existing Mayflower abstraction and Water Treatment Works is situated approximately at Lat 26°16'33 S, Lo 30°46'44 E, directly North of the town of Mayflower. The existing Methula Weir and Water Treatment Works at Methula is situated approximately at La 26°23'43 S, Lo 30°46'43 E in Methula.

Several alternative solutions to supplement the supply area were investigated and reported on in preceding project stages. These options investigated the provision of new dams at Mayflower, Methula, a dam in the Empuluzi River, alternative dam sites and combinations of the aforesaid. The most viable option endorsed for implementation comprised the following:

- Category II Abstraction Weir will abstract raw water to fill the Empuluzi Off-Channel Storage (OCS) Dam.
- Water transfer infrastructure from Weir to fill OCS Dam
- Category II Empuluzi Off-Channel Storage (OCS) Dam
- High lift pump station to the existing Methula WTW and existing Mayflower WTW.
- Dam Spillway.

- Access road to new infrastructure.
 - Access road of approximately 6km has been configured to reach Dam, Pump Station and Weir
Construction considerations include:
 - Access roads to be implemented first, and final paving layers be installed just before the project is completed so as for heavy vehicles not to destroy the final layers.
- Conveyance pipelines from OCS Dam to Mayflower and Methula WTWs
- Spillway from the dam has been sited on the downstream side to minimise impact and improve dam safety so that it does not contribute to any flows at the dam toe.

C3.1.2 Location of the Works

The Works are located in and around the Empuluzi/Methula area, approximately 96 Km north east of Ermelo on the N17. The works will be in and around Empuluzi/Methula area. The approximate GPS coordinates are: -

EMPULUZI/METHULA

26. 3372° South 30.7810° East

The Empuluzi/Methula area is accessible via the N17 from Ermelo

C3.1.3 Change in Works

The Employer may, from time to time by order in writing without in any way vitiating the Contract or giving to the PSP any claim for additional payment, require the PSP to proceed with the execution of the works in such order as in his opinion may be necessary, and may alter the order of or suspend any part of the Works at such time and times as he may deem desirable and the PSP shall not, after receiving such written order, proceed with work ordered to be suspended until he shall receive a written order to do so from the Employer. Where the work must of necessity be carried out in conjunction with work of other PSP, or with that of the Employer, it shall be co-ordinated and arranged in such a manner as to interfere as little as possible with the progress of such other work so as to offer every reasonable facility to other PSP or to employees of the Employer.

C3.1.4 Engineering

The following activities and responsibilities apply to this project:

Normal Services

Stage 3: Detail Design Review – Additional Services

Review previous designs and studies related to the project for compliance with established guidelines and statutory requirements.

The purpose of this stage is for the consultant to conduct a review of previous design, studies and investigations related to the project that were conducted by other consultants. Such designs and related reports will be provided to the consultant. The consultant must analyse and review if the design is compliant with established guidelines and statutory requirements and record its findings in a design review report. The design review report should identify shortfalls of the design and possible remedies to correct such shortfalls. The consultant must reference where an aspect of the design does not comply with established guidelines or statutory requirements. The consultant, after reviewing and recommending such remedies if any, will have to adopt the designs in order to proceed to the next stage. Such adoption shall be confirmed in writing.

The deliverable will typically include:

- A detailed design review report outlining the current standards/guidelines pertaining to the project, findings on the existing detail design and recommendations made by the previous service provider and subsequent recommendation to the Employer.

Stage 3: Design Development – Normal Services

Activities	Deliverables
i.	Review existing detail design and report on findings and recommendations.
ii.	Review documentation programme with Employer and other stakeholders involved
iii.	Attend design and consultants' meetings
iv.	Incorporate client's and authorities' detailed requirements into the design
v.	Incorporate other consultant's designs and requirements into the design
vi.	Prepare design development drawings including draft technical details and specifications
vii.	Review and evaluate design and outline specification and exercise cost control
viii.	Prepare detailed estimates of construction cost
ix.	Liaise with Employer about project phasing subject to funding availability.
x.	Liaise, co-operate and provide necessary information to the Employer and other stakeholders involved.
xi.	Submit the necessary design documentation to local and other authorities for approval.
	• Design review report with findings on existing detail design and recommendation • Detail design report on alternative site design development • Design development drawings • Outline specifications • Local and other authority submission drawings and reports • Detailed estimates of construction costs • Project Execution Plan • Risk Register • Monthly progress reporting to Employer's requirements

Stage 4 -Documentation and Procurement

Prepare procurement and construction documentation, confirm and implement the procurement strategies and procedures for effective and timeous procurement of necessary resources for execution of the project.

- (9) Assist in the resolution of contractual claims by the contractor.
- (10) Establish and maintain a financial control system.
- (11) Clarify details and descriptions during construction as required.
- (12) Prepare valuations for payment certificates to be issued by the principal agent.
- (13) Witness and review of all tests and mock ups carried out both on and off site.
- (14) Check and approve contractor drawings for design intent.
- (15) Update and issue drawings register.
- (16) Issue contract instructions as and when required.
- (17) Review and comment on operation and maintenance manuals, guarantee certificates and warranties.
- (18) Inspect the works and issue practical completion and defects lists.
- (19) Arranging for the delivery of all test certificates, including the Electrical Certificate of Compliance, Statutory and other approvals, as built drawings and operating manuals.

Typical deliverables will include:

- Schedules of predicted cash flow.
- Construction documentation
- Drawing register
- Estimates for proposed variations
- Contract instructions
- Financial control reports
- Valuations for payment certificates
- Progressive and draft final account(s)
- Practical completion and defects list
- Electrical Certificate of Compliance

Stage 5 -Contract Administration and Inspection

Manage, administer and monitor the construction contracts and processes including preparation and coordination of procedures and documentation to facilitate practical completion of the works

Activities

- i. Attend site handover
- ii. Issue construction documentation in accordance with the documentation schedule including, in the case of structural engineering, reinforcing bending schedules and detailing and specifications of structural steel sections and connections Carry out contract administration procedures in terms of the contract
- iii. Prepare schedules of predicted cash flow
- iv. Prepare pro-active estimates of proposed variations for client decision making
- v. Attend regular site, technical and progress meetings
- vi. Inspect works for conformity to contract documentation
- vii. Adjudicate and resolve financial claims by contractor(s)
- viii. Assist in the resolution of contractual claims by the contractor
- ix. Establish and maintain a financial control system.
- x. Clarify details and descriptions during construction as required
- xi. Prepare valuations for payment certificates.
- xii. Witness and review of all tests and mock ups carried out both on and off site
- xiii. Check and approve contractor drawings for design intent
- xiv. Adjudicate and resolve financial claims by contractor(s)
- xv. Assist in the resolution of contractual claims by the contractor
- xvi. Establish and maintain a financial control system.
- xvii. Clarify details and descriptions during construction as required
- xviii. Prepare valuations for payment certificates.
- xix. Witness and review of all tests and mock ups carried out both on and off site
- xx. Check and approve contractor drawings for design intent
- xxi. Update and issue drawings register.
- xxii. Produce and keep all contractual (or copies of) documents, minutes.
- xxiii. Obtain and submit to the Employer all EPWP reports and related supporting documents on a monthly basis.

- xxiv. Issue contract instructions as and when required
- xxv. Review and comment on operation and maintenance manuals, guarantee certificates and warranties
- xxvi. Inspect the works and issue practical completion and defects lists
- xxvii. Assist in obtaining statutory certificates

Deliveries

- Schedules of predicted cash flow
- Construction documentation (In case of reinforced concrete and structural works, reinforcing bending schedules, detailing and specifications of structural and reinforced concrete works)
- Drawing register
- Estimates for proposed variations
- Variation Register
- Contract instructions
- Site Instruction Register
- Financial control reports
- Valuations for payment certificates
- Progressive and draft final account(s)
- Practical completion and defects list
- Electrical Certificate of Compliance
- Contractors Financial Claims Register
- Minutes of meetings.
- EPWP Monthly Reports and Compliance Documentation.
- Site Diary on information management system
- Updating of Project Execution Plan
- Update Risk Register

Stage 6 – Close out

Manage, administer and monitor the construction contracts and processes including preparation and coordination of procedures and documentation to facilitate practical completion of the works,

Activity

- Schedules of predicted cash flow
- Construction documentation (In case of reinforced concrete and structural works, reinforcing bending schedules, detailing and specifications of structural and reinforced concrete works)
- Drawing register
- Estimates for proposed variations
- Variation Register
- Contract instructions
- Site Instruction Register
- Financial control reports
- Valuations for payment certificates
- Progressive and draft final account(s)
- Practical completion and defects list
- Electrical Certificate of Compliance
- Contractors Financial Claims Register
- Minutes of meetings.
- EPWP Monthly Reports and Compliance Documentation.
- Site Diary on information management system
- Updating of Project Execution Plan
- Update Risk Register
- Update monthly reporting requirements

Deliverables

- Valuations for payment certificates
- Works and final completion lists
- Operations and maintenance manuals, guarantees and warranties
- As-built drawings and documentation within 21 days of issue of Certificate of Completion.
- Final accounts
- Record of Risks encountered and Lessons Learnt.
- Close-out Report within 21 Days of issue of Certificate of Completion.

The project will be implemented in close liaison with Chief Albert Luthuli Local Municipality for all aspects of on-site confirmation of existing infrastructure and all related aspects.

Detail coordination of the project will need to be done with various representatives of the Department of Water and Sanitation since the project is funded through grant funding from the Regional Bulk Infrastructure Grant (RBIG). The PSP to be appointed should ensure the existing approved Implementation Readiness Study (IRS) conditions are met

METHODOLOGY

The service provider is required to specify a detailed methodology on how he intends to meet the Employer's objectives. The method statement should cover the entire scope of works, highlighting the service provider's understanding of the project requirements. The method statement can be provided as a separate bound document as an annexure to the tender document.

Shortlisted Bidders may be invited to present their proposals to CALLM at a date and time to be advised.