

THE MSUNDUZI MUNICIPALITY



**HEAD: SUPPLY CHAIN MANAGEMENT
MRS D. N. GAMBU**

333 Church Street, Private Bag X205, Pietermaritzburg, 3200
Telephone No. 033 – 392 2597

CONTRACT No. SCM 18 OF 23/24

APPOINTMENT OF AN ENVIRONMENTAL CONSULTANT TO UNDERTAKE THE DETAILED FLOOD RISK AND VULNERABILITY ASSESSMENT OF MSUNDUZI MUNICIPALITY

Service Provider's Name:																			
Postal Address:																			
												Postal Code							
Tel. No.												Cell. No.							
Contact Person:																			
E Mail Address:																			
CSD NUMBER : MAAA												TAX REF. NUMBER							

Tenders contained in sealed envelopes and marked with the “**CONTRACT No.**” and “**CONTRACT DESCRIPTION**” must be placed in the Tender Box located in the Foyer, Ground Floor, City Hall, 169 Chief Albert Luthuli Street (formerly known as Commercial Road), Pietermaritzburg, 3201, not later than **12h00** on **Tuesday, 19 December 2023**, when they will be opened in public. Only Tenders placed in the Tender Box before the closing time above will be accepted.

THE MSUNDUZI MUNICIPALITY

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11.	<u>SERVICE PROVIDERS ARE TO NOTE:</u>	
11.1	Service Providers are advised to check the number of pages and should any be missing or duplicated, or the reproduction thereof indistinct, or any descriptions ambiguous, or if this document contains any obvious errors they shall inform the Head: Supply Chain Management or the Engineer at once and have same rectified. No liability whatsoever will be incurred by the Council in respect of errors in any tender due to the Service Provider's failure to observe this requirement.	
11.2	The Tender Notice was advertised in The Ilanga newspaper, Msunduzi Municipality and eTender websites on 16 November 2023 . The tender closes at 12h00 on Tuesday, 19 December 2023 , at the City Hall, 169 Chief Albert Luthuli Street, Pietermaritzburg, 3201.	

THE MSUNDUZI MUNICIPALITY

TENDER SUBMISSION CHECKLIST

The Checklist below is attached hereto to assist Service Providers with the completion of the tender document. Service Providers are required to **TICK** the relevant boxes for verification purposes. Where information is not applicable to the tender, the symbols **N/A** must be inserted in the space provided.

It must be noted that the Council shall not be held liable for any loss or damage incurred to the Service Provider should the Service Provider fail to fulfil the requirements of the Tender.

No.	Description	Service Provider to Tick (✓)	For Official Use Only	
1	Has the Tender Document been completed in INK and all corrections counter-signed? (No correction fluid used)		D	
2	Has all tendered rates been priced in INK and corrections counter-signed? (No correction fluid used)		D	
3	Has all tendered amounts been arithmetically checked and the correct total amounts carried forward to the Summary Page and Tender Form?			
4	Has all information as required in terms of the Tender Document been submitted with the tender?		D	
5	Has the compulsory "Site Inspection/Tender Briefing" meeting been attended and has the "Site Inspection/Tender Briefing" Certificate been completed and signed at the meeting?	N/A	D	N/A
6	Have all Declarations contained in the Tender Document been completed and signed by the Service Provider before a Commissioner of Oaths (if applicable)?		D	
7	Has the "Tender Form" been completed and signed?		D	
8	Has the "Preference Points Claim Form in terms of the Preferential Procurement Regulations 2022" been completed in its entirety and signed?			
9	Is a valid Original Tax Clearance Certificate attached to the Tender Document or has a Tax Clearance Status Verification Pin been provided?		D	
10	Has the CSD Supplier Number and Unique Registration Reference Number been submitted with the Tender Document?		D	

***** D: Failure to comply with these Sections will prejudice the tender.**

Name of Service Provider : _____

Signature : _____

Date : _____

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The Msunduzi Municipality hereby invites tenders from suitably qualified and experienced Tenderers for the above works.

Tender documents will be made available to tenderers from **12h00 on Friday, 17 November 2023**. Tender documents can be downloaded and printed at the Tenderer's cost from the National Treasury e-Tender Publication Portal on **www.etenders.gov.za**.

Printed copies of the tender documents shall also be available from the Supply Chain Management Unit Offices, 5th Floor, A S Chetty Centre, 333 Church Street, Pietermaritzburg, as from the abovementioned date and time, at a non-refundable tender deposit fee of **R719.22 (including VAT)** for each document drawn. Only cash or EFT payments will be accepted.

For any technical related enquiries regarding the Specifications, please contact Ms. Thandolwethu Hlela (Environmental Scientist) on either 033-392 3243 or e-mail address thandolwethu.hlela@msunduzi.gov.za.

For any procurement related enquiries, please contact Vinesh Govender (Supply Chain Management Sub-Unit) on Telephone No. 033 – 392 2027 or e-mail address vinesh.govender@msunduzi.gov.za.

Sealed tenders containing the original hand written priced tender document and a digital copy of the same on a CD/USB Flash Drive and endorsed on the envelope with the "**CONTRACT No.**" and "**CONTRACT DESCRIPTION**", must be placed in the Tender Box located in the Foyer, Ground Floor, City Hall, 169 Chief Albert Luthuli Street (Commercial Road), Pietermaritzburg, not later than **12h00, on Tuesday, 19 December 2023**, when they will be publicly opened. Only tenders placed in the Tender Box shall be accepted. Under no circumstances whatsoever will any extension of time be allowed for submission of tenders.

Tender Validity Period: Four (4) months commencing from the closing date of tender.

Tender Evaluation Criteria – Tenderers meeting the Mandatory Requirements shall then be evaluated on a Two Stage Evaluation System – Stage One: Functionality and Stage Two: 80/20 Point System in accordance with the Msunduzi Municipality's Supply Chain Management Policy (incorporating Preferential Procurement) as prescribed in terms of the Preferential Procurement Regulations 2022, pertaining to the Preferential Procurement Policy Framework Act, Act No. 5 of 2000.

The Functionality for Stage One shall be evaluated on the following criteria:

Item	Functionality Criteria	Max points Awarded
1	Relevant work experience	30
2	Similar Projects Completed	30
Total No. of Points Awarded		60
Minimum Threshold To Qualify For Stage 2		65% or 39 Points

The allocation of Preference Points will be according to the following Specific Goals:

Specific goals	Scoring
Enterprise That Is 51% Black Owned	20/20
Enterprise Which Is 30% - %50% Black Owned	10/20
Enterprise that is 10% - 29% black owned	5/20

The Msunduzi Municipality does not bind itself to accept the lowest or any tender and reserves the right to accept the whole or any part of a tender. Each tenderer will be informed of the tender result.

The Msunduzi Municipality expects businesses within the Pietermaritzburg and Midlands Region to support its contract and BEE/SMME initiatives.

MR L MAPHOLOBA (MUNICIPAL MANAGER)

THE MSUNDUZI MUNICIPALITY
STANDARD CONDITIONS OF TENDER

1. DOCUMENTS

This document comprises of the Standard Conditions of Tender, Standard Conditions of Contract, Special Conditions of Contract (if any), Legislation, Definitions, Specifications, Pricing Schedule, Tender Form, Drawings (if any), Data Sheets and Annexures thereto.

2. SITE INSPECTION / TENDER BRIEFING MEETINGS

Where in the tender document reference is made to a Site Inspection/Tender Briefing Meeting, Service Providers are to note that these meetings are not compulsory.

3. SUBMISSION OF TENDERS

Tenders must be made out on the Tender Form annexed hereto. Service Providers are advised that this document must be completed in ink and submitted in its entirety. Failure to comply with this condition shall result in the tender being disqualified.

Only original hand written priced tender documents will be considered. Tenders submitted by electronic mail, telex or facsimile shall not be considered. ***The use of correction fluid is strictly prohibited.*** All corrections are to be countersigned.

Service Providers using Courier Companies or any other mode of transport to deliver their tender documents must ensure that the tender documents are delivered to the City Hall, 169 Chief Albert Luthuli Street (Commercial Road), Pietermaritzburg, 3201, and placed in the Tender Box situated in the Foyer, Ground Floor by the close of tenders. The Council shall not be held liable for any tender document which is not timeously delivered, mislaid or incorrectly delivered due to the negligence of the Courier Company or any other party involved in the delivery of the tender documents, including any employee of the Council.

Sealed tenders endorsed with the appropriate Contract No. and Contract Title must reach the City Hall, Pietermaritzburg not later than the closing date and time stated in the public advertisement inviting tenders, when they will be opened in public. Under no circumstances will any extension of time be allowed for the submission of tenders. Tenders shall remain valid for four (4) calendar months from the date of opening, except for the initial five (5) working days grace period after the close of tenders within which period a Service Provider may be permitted to withdraw its tender subject to an application with good and sufficient reasons being submitted in writing to obtain approval of such withdrawal, at the sole discretion of the Head: Supply Chain Management.

All literature submitted must be securely attached to the tender. The Council shall not be held liable for any loss or damages sustained due to the Service Provider's failure to comply with this condition.

In the case of a Service Provider withdrawing its tender after the expiry of the grace period, the Council may refuse to receive or consider, for such period as it may think fit, any further tenders from that Service Provider.

4. COMMUNICATION WITH MEMBERS OF THE COUNCIL OR COUNCIL EMPLOYEES

Without detracting from any prevailing law, no Service Provider shall offer, promise or give any person or persons connected with the adjudication, or awarding of the tender, any gratuity, bonus, discount or consideration of any kind in connection with the obtaining of a contract. Nor shall any Service Provider communicate with any member of the Council or a Council employee

on a question affecting the awarding of a contract which is the subject of a tender, during the period between the closing date of tenders and the date of notification of the successful Service Provider; provided always that the Head: Supply Chain Management may, in exceptional circumstances, obtain additional information from a Service Provider to enable her to formulate her recommendation to Council.

Any attempt to contravene this condition, which is brought to the notice of the Head: Supply Chain Management shall result in the disqualification of the Service Provider.

Prospective Service Providers are further advised that s118 of the Municipal Finance Management Act prohibits the interference, by any person, with the supply chain management system of the Municipality and the amendment of or tampering with any tender, quotation, contract or bid after its submission.

5. IMPORT PERMITS

The Council will not undertake to secure any import permits or currency for the import of any goods or materials required for the execution of this contract. The Service Provider must apply directly for any import permits or currency needed. However, the Council will furnish the successful Service Provider with a supporting statement, if required.

6. REGISTRATION WITH THE CENTRAL SUPPLIER DATABASE (CSD)

The National Treasury's Central Supplier Database (CSD) has been open for registration from 01 September 2015. The CSD serves as one single source of supplier information to all spheres of government.

Within this system, suppliers are required to register once when they do business with the state. This will significantly reduce the administrative burden for businesses, especially small and medium sized enterprises. The database interfaces with the South African Revenue Service (SARS), the Companies and Intellectual Property Commission (CIPC) and the payroll system. It will electronically verify a supplier's tax status and enable public sector officials doing business with the state to be identified.

All prospective suppliers can register any time on the CSD website www.csd.gov.za Prospective suppliers may also visit the Provincial Treasury Database office situated at Treasury House, Ground Floor, 145 Chief Albert Luthuli Road, Pietermaritzburg from 08h00 to 15h00, Mondays to Fridays, for any assistance with on-line registration on CSD.

For further information or enquiries, please contact 033 – 897 4516 / 033 – 897 4212 / 033 – 897 4624 / 033 – 897 4535 / 033 – 897 4676 / 033 – 897 4509 or Toll-Free at 0800 201 049 during office hours or via e-mail at database@kzntreasury.gov.za.

With effect from 01 July 2016, the Msunduzi Municipality will not award any tender to a supplier not registered as a prospective supplier on the CSD. Negotiations for the tender award will only be concluded with the qualify Service Provider(s) who is/are registered on the CSD on or after 01 April 2016.

In order for Council to verify your Company's registration with CSD, Service Providers are required to furnish the following information for verification purposes:

CSD Supplier Number	
Unique Registration Reference Number	

Failure to provide the above information shall result in the tender being disqualified.

7. TAX CLEARANCE CERTIFICATE REQUIREMENTS

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

Service Providers shall be required to submit, together with the tender document, a valid Tax Clearance Certificate and a Tax Compliance Status Verification Pin issued by SARS. Failure to submit a valid Tax Clearance Certificate and a Tax Compliance Status Verification Pin, the Council reserves the right to verify the same on National Treasury’s Central Supplier’s Database.

Further to the above, Service Providers are to note that the Tax Clearance Certificate must be valid for the full duration of the tender validity period i.e. four (4) months commencing from the closing date of the tender.

Should the validity of the Tax Clearance Certificate expire prior to the final award of the contract being made, the Council reserves the right to request the Service Provider to submit a further valid Tax Clearance Certificate. In this instance, the Service Provider shall be given seven (7) working days written notice in which to comply. Should the Service Provider fail to comply with this request, the Council further reserves the right to make no award to the Service Provider and the Council shall not be held liable for any loss or damages sustained by the Service Provider.

If a Service Provider has already submitted an original Tax Clearance Certificate when registering on the Central Supplier Database (CSD), then there is no need to submit a hardcopy of another Tax Clearance Certificate provided that the Tax Clearance Certificate is still valid for the full duration of the validity period for this tender. In this instance, the Service Provider will be required to indicate below the CSD Supplier Number and Unique Registration Reference Number for verification purposes: -

Tax Clearance No.	
Tax Compliance Verification Pin No.	

8. RATES

The prices, rates or percentages quoted in the proposal shall be deemed to include all costs, including but not limited to materials, plant, labour, patent rights and royalties, freight, insurance, customs, railage, delivery, etc, unless the Service Provider states otherwise in the proposal.

9. INCOMPLETE TENDERING

Tenders may be rejected if they show any additional, conditional or incomplete offers or irregularities of any kind in either the Tender Form or the Pricing Schedule, or if the prices tendered in the Schedule are not market related i.e. the tendered rates does not conform to current day prices.

Partial awards **may** be made where this is perceived by the Head: Supply Chain Management or the Engineer to be in the best interests of the Council. Council reserves the right to take into account the principle of the distribution of works in order to empower SMME’s and BEE’s.

Should there be any difference or discrepancy between the prices and particulars contained in the Tender Form and those contained in any covering letter submitted by the Service Provider, the prices and particulars contained in the Tender Form shall prevail.

10. ACCEPTANCE OF ANY TENDER

- 10.1 The Council does not bind itself to accept the lowest or any tender and reserves the right to accept the whole or any part of a tender.
- 10.2 Where less than three (3) tenders are received, the Head: Supply Chain Management reserves the right to purchase such items on the open market notwithstanding the acceptance of an offer.
- 10.3 The procedure/s which shall be followed with the acceptance of a tender are as follows:
 - 10.3.1 Where in the tender document, Service Providers are required to submit Works Insurance, Sureties, Public Liability Insurance or any other provisional criteria, a letter of Provisional Acceptance will be sent to the successful Service Provider/s stipulating which amount or rate/s have been accepted and the requirements for the final award.
 - 10.3.2 In this instance, the Service Provider/s shall be required to satisfy the requirements of the Provisional Letter of Acceptance within fourteen (14) days from date of issue of the Provisional Letter of Acceptance.
 - 10.3.3 Should the Service Provider/s, fails to comply with the requirements of such provisional acceptance within the period specified in same or any variation thereto, and the Council elects not to confirm the provisional acceptance of the tender on that ground, the Council may refuse to receive or consider for such period as it may think fit, any further tenders from that/those Service Providers.
 - 10.3.4 Once the requirements of the Provisional Letter of Acceptance have been satisfied, a Final Letter of Acceptance will be sent by the Head: Supply Chain Management to the successful Service Provider/s notifying the Service Provider/s of Council's intent to make an award of the contract.
 - 10.3.5 Prior to the undertaking of any works, the successful Service Provider/s shall be required to enter into a Service Level Agreement (SLA) with the Council to address any post award qualification requirements as per the tender document.
 - 10.3.6 Once the SLA has been concluded, the Tender, Provisional Letter of Acceptance, the Final Letter of Acceptance and the SLA, shall constitute a binding agreement between the Service Provider/s and the Council.
 - 10.3.7 Should the Service Provider/s fail to enter into a contract when called upon to do so, then the Council may refuse to receive or consider for such period as it may think fit, any further tenders from that/those Service Provider/s.
- 10.4 Where no Insurances, Sureties or any other provisional criteria are required, a Final Letter of Acceptance stipulating which rate/s has been accepted will be sent by the Head: Supply Chain Management to the successful Service Provider/s notifying the Service Provider/s of Council's intent to make an award of the contract.
- 10.10 Prior to the undertaking of any works, the successful Service Provider/s shall be required to enter into a Service Level Agreement (SLA) with the Council to address any post award qualification requirements as per the tender document.

- 10.11 Once the SLA has been concluded, the Tender, the Final Letter of Acceptance and the SLA, shall constitute a binding agreement between the Service Provider/s and the Council.
- 10.12 Should the Service Provider/s fail to enter into a contract when called upon to do so, then the Council may refuse to receive or consider for such period as it may think fit, any further tenders from that/those Service Provider/s.

Unless otherwise stipulated in the covering letter submitted with the tender, the Service Provider shall have waived, renounced and abandoned any conditions printed or written upon any stationery used for the purpose of, or in connection with, the submission of the tender which are in conflict with the Council's Conditions of Tender and the Standard Conditions of Contract. The Service Provider is warned that any material divergence from the official conditions or specification may render the tender liable to disqualification.

11. DOMICILIUM CITANDI ET EXECUTANDI

For the purpose of the service of all documents and the giving of notice as may be required in terms of this contract, or as a result of any action arising in conjunction with it, the Council chooses City Hall, 169 Chief Albert Luthuli Street (formerly Commercial Road), Pietermaritzburg as its *domicilium citandi et executandi*.

The Service Provider's *domicilium citandi et executandi* shall be whatever street address is given in the Tender Form attached hereto.

Either party may, at any time, give one (1) month notice, in writing, of a change of its *domicilium citandi et executandi* provided that such address shall be within the Republic of South Africa.

12. DATA SHEETS

Service Providers shall be required to complete all Data Sheets and the Tender Form attached hereto in their entirety for adjudication purposes. Where Data Sheets and/or any other documentation as contained herein are required to be commissioned, such Data Sheets and/or documentation must be stamped and signed by a Commissioner of Oaths (where applicable). ***Failure to comply with these provisions will render the offer unresponsive (invalid).***

13. PROHIBITION ON AWARDS TO PERSONS IN THE SERVICE OF THE STATE

The Supply Chain Management Regulations states that the Council may not make any award to a person:

- (a) Who is in the service of the state;
- (b) If that person is not a natural person, of which and director, manager, principal shareholder or stakeholder is a person in the service of the state; or
- (c) Who is an advisor or consultant contracted with the municipality or municipal entity.

14. MUNICIPAL FEES

All Service Providers are to sign the Declaration herein declaring that their Municipal Fees are in order, or that proper arrangements have been made with the Council. Service Providers must include the relevant account numbers in the declaration.

15. APPEALS AND/OR OBJECTIONS

Any Service Provider aggrieved by decisions or actions taken by the Municipality may lodge within fourteen (14) calendar days of the date of the decision or action, a written objection or complaint to the Municipal Manager / Head: Supply Chain Management. In the event that an appeal and/or objection is lodged, the following procedure shall apply:

The Service Provider shall be required to pay an appeal/objection fee in the amount of zero **point five percent (0.5%) of the total contract sum, including VAT or R2 000.00, whichever is the greater to a maximum value of R20 000.00.**

The fee is to be paid in cash or electronic fund transfer on or before the expiration of the above period and proof of such payment is to be submitted together with the letter of appeal/objection to the Municipal Manager/Head: Supply Chain Management. No appeal/objection will be entertained should the afore-mentioned condition not be adhered to and the Municipality shall not be held liable for any loss or damages sustained by the Service Provider due to the Service Provider's failure to adhere to the above condition.

16. PREFERENCE POINTS CLAIMED IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

Service Providers claiming preference points shall be required to complete Annexure "C" hereto in its entirety and to fully comply with the General Conditions, Definitions and Directives stated therein.

In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, 2022, Preference points must be awarded for specific goals stated in the tender.

Service Providers are required to submit proof or documentation required in terms of this tender to claim points for specific goals. Failure to do so shall result in no preference points being awarded to the Service Provider and the Council shall not be held liable for any loss or damages in this regard.

17. JOINT VENTURE AGREEMENTS AND CONSORTIUMS

Service Providers intending to tender in the form of Joint Ventures/Consortiums **must submit** the following documentation together with the tender:

- 1) Valid Tax Clearance Certificates or a Tax Compliance Status Verification Pins issued by SARS of all parties of the Joint Venture/Consortium;
- 2) CSD Reports of all parties of the Joint Venture/Consortium.
- 3) All parties of the Joint Venture/Consortium must submit individually signed copies of:
 - a) The Declaration of Interest Form;
 - b) The Declaration of Bidder's Past Supply Chain Management Practices Form, and
 - c) The Certificate of Independent Bid Determination Form.
- 4) An undertaking duly signed by all parties of the Joint Venture/Consortium indicating their intention to enter into an agreement for the purposes of this contract.

Further to the above, the name of the Joint Venture/Consortium must appear on the relevant pages of the document. Failure to comply with these requirements shall lead to disqualification.

18. ADJUDICATION CRITERIA

The tender shall be evaluated in accordance with the Evaluation Criteria as outlined in the Specifications contained herein.

19. COMBATIVE TENDERING

The Supply Chain Management Regulations states that Combative tendering practices are unethical and illegal. These include but are not limited to:

- (i) Suggestions to fictitious lower quotations;
- (ii) Reference to non-existent competition;
- (iii) Exploiting errors in tenders;
- (iv) Soliciting tenders from Service Providers whose names appear on the list of restricted Service Providers/suppliers/persons, and,
- (v) Submission of two tenders by a Service Provider.

Any attempt by a Service Provider to contravene this condition which is brought to the notice of the Municipal Manager or the Head: Supply Chain Management shall result in the disqualification of the tender. The Council further reserves the right to take any other action as it may deem necessary.

20. ALTERATIONS BY TENDERER

If a tenderer wishes to submit alternative proposals for consideration or wishes to change the Conditions of Contract, Specifications, Quantities or Drawings, or to qualify the tender in any way, such changes and/or proposals are to be listed in Annexure A hereto, failing which the tender will be deemed to be unqualified. It must be clearly understood that the Council will be under no obligation to accept any such qualification.

21.0 OCCUPATIONAL HEALTH AND SAFETY ACT

The attached Annexure "B" hereto must be completed thereby indemnifying the Msunduzi Municipality of any claims which may arise in terms of the Occupational Health and Safety Act (Act 85 of 1993), as amended.

THE MSUNDUZI MUNICIPALITY

LEGISLATION

1.0 GENERAL

1.1 Contractors will be deemed by virtue of submitting a tender to have undertaken to be aware of and comply fully for all purposes under this contract with all current legislation and related regulations. The following Acts, as amended from time to time, are listed for the attention of the Contractor, without prejudice and without in any way relieving the Contractor of the obligation to continuously comply with all the laws of South Africa for the entire duration of this contract, the cost of so doing being expressly included in the contract sum. It is the sole duty of the Contractor to ensure that it acquaints itself and complies with all applicable legislation. **The Council shall not be liable in any way whatsoever for any errors or omissions in the legislation listed herein.**

2.0 THE OCCUPATIONAL, HEALTH AND SAFETY ACT (ACT 85 OF 1993) (OHS ACT)

2.1 The OHS Act covers inter alia "any work in connection with –

- a) the erection, maintenance, alteration, renovation, repair, demolition or dismantling of an addition to a building;
- b) the installation, erection or dismantling of machinery;
- c) the construction, maintenance, demolition or dismantling of any bridge, dam, canal, railway, street, runway, sewer or water reticulation system or work on any similar project;
- d) the moving of earth, clearing of land or making of an excavation or work on any similar project." (General Administrative Regulations Clause 1).

It is recorded that the subject of this contract falls within the scope of the foregoing work definition, and that the Employer in terms of this contract is the Mandator and that the Contractor is the Mandatory in terms of the OHS Act.

2.2 The OHS Act covers *inter alia* "any work in connection with -

- a) the erection, maintenance, alteration, renovation, repair, demolition or dismantling of an addition to a building;
- b) the installation, erection or dismantling of machinery;
- c) the construction, maintenance, demolition or dismantling of any bridge, dam, canal, railway, street, runway, sewer or water reticulation system or work on any similar project; and
- d) the moving of earth, clearing of land or making of an excavation or work on any similar project." (General Administrative Regulations Clause 1).

It is recorded that the subject of this contract falls within the scope of the foregoing work definition, and that the Employer in terms of this contract is the Mandator and that the Contractor is the Mandatory in terms of the OHS Act.

2.3 The arrangements and procedures to ensure compliance by the Mandatory with the provisions of the OHS Act referred to in the Agreement, in Annexure "B", between the Employer and the Contractor in this contract are:

2.3.1 The Mandatory shall keep a record of all incidents in terms of Clause 10 (1) of the General Administration Regulations (GAR).

2.3.2 The Mandatory shall cause every incident to be investigated in terms of Clause 10 (2) of the GAR.

- 2.3.3 The Mandatory shall cause all such records to be examined by a Safety Committee in terms of Clause 10 (3) of the GAR.
- 2.3.4 The Mandatory shall on demand furnish the divisional inspector with such returns as may be required in terms of Clause 14 of the GAR.
- 2.3.5 The Mandatory shall charge a full-time employee designated in writing by the Mandatory with the duty of supervising the performance of the work (or the Mandatory may personally undertake this duty) in terms of Clause 11 of the General Safety Regulations.
- 2.3.6 The Mandatory shall, before commencing or carrying out the work, inform the divisional inspector in writing of: -
- a) the address of the premises on which such work will be carried out;
 - b) the nature of such work;
 - c) the date on which it is expected that such work will be commenced; and
 - d) the date on which it is expected that such work will be completed.
- all in terms of Clause 15c of the GAR
- 2.3.7 The Mandatory shall comply with all other aspects of the OHS Act relative to the nature of the works and shall scrupulously observe and execute any instruction given by an official inspector with reference thereto.

3.0 THE COMPENSATION FOR OCCUPATIONAL INJURIES AND DISEASES ACT (ACT 130 of 1993) (COID ACT)

- 3.1 Contractors are required to register as employers in terms of the COID Act.
- 3.2 Contractors must pay the assessments due in terms of the COID Act relative to their employee records including all sub-contractors and community based labour.
- 3.3 In this specific contract the Contractor further acknowledges that the Employer shall have the right, without prejudice, to deduct any shortfall in compensation due to any employee of the Contractor (or sub-contractor) from monies due or which may become due to the Contractor, and so effect settlement of the matter.

4.0 THE LABOUR RELATIONS ACT (ACT 66 of 1995) (LR ACT)

- 4.1 Contractors are required to register as employers in terms of the LR Act.
- 4.2 Contractors are required to pay all employee and employer contributions to the Unemployment Benefits Fund, other than in respect of casual employees defined as persons who work for less than eight hours in any one week, or in respect of persons who by virtue of lawful reasons are exempt therefrom.

5.0 THE BASIC CONDITIONS OF EMPLOYMENT ACT (ACT 3 of 1983) (BCE ACT)

- 5.1 Contractors in their capacity as employers are required to comply with the provisions of the BCE Act with special reference to their employees' terms and conditions of employment.

6.0 THE INCOME TAX ACT (ACT 58 of 1962)

- 6.1 Contractors in their capacity both as business enterprises and employers are obliged to register and comply with the requirements of the Receiver of Revenue.

7.0 THE VALUE ADDED TAX ACT (ACT 89 of 1991)

- 7.1 Contractors in their capacity as business enterprises are required, if their annual turnover exceeds or is expected to exceed R150 000 by the end of February each year, to register as VAT vendors with the Receiver of Revenue for the purpose of paying, recovering, charging and returning VAT to the State via the Receiver of Revenue.
- 7.2 It is recorded that the Employer in this contract is registered as a VAT vendor.

8.0 THE ENGINEERING PROFESSION ACT OF SOUTH AFRICA (ACT 114 of 1990)

- 8.1 Where work undertaken in connection with this contract falls within the meaning of "*kinds of work reserved for professional engineers*" as fully set out in the Engineering Profession Act of South Africa 1990, or any amendments thereof, only persons registered in terms of the above Act, may assume full responsibility, according to competency under the Act, for the respective sections and phases of such work, as described in the Act, particularly in regard to design, supervision of construction and installation, and commission where applicable.
- 8.2 The Service Provider shall submit a certificate with the tender certifying compliance with all these requirements in connection with the preparation and submission of the tender and shall give an undertaking to comply in full during the contract period. Where applicable the Service Provider shall submit at the time of tendering the name(s), qualifications and address(es) of the Professional Engineer(s) responsible for the various disciplines and portions of the work comprising this contract.

9.0 NON-COMPLIANCE

- 9.1 The Employer in this contract will not under any circumstances be, or become party to, any act or omission by the Contractor and/or the Contractor's Sub-contractors and/or employees, which contravenes South African law.
- 9.2 Notwithstanding anything to the contrary in this tender document, and in addition to any other remedies the Council may have, if at any time during this contract, the Council discovers any contravention of the laws expressly mentioned herein or any other applicable law, then the Council shall have the right to cancel this contract forthwith. In such event, the Council shall not be liable for any loss or damages caused by such cancellation.

THE MSUNDUZI MUNICIPALITY

DEFINITIONS

The following definitions apply: -

"Council" means The Msunduzi Municipality.

"Head: Supply Chain Management" means the Head: Supply Chain Management of the day of the Msunduzi Municipality or the Manager's duly appointed Representative.

"Engineer" means the General Manager: Community Services of the day of the Msunduzi Municipality or the said Manager's duly appointed Representative.

"Service Provider/Contractor" means the person, firm, Service Provider or company whose tender has been accepted by the Msunduzi Municipality and includes the Service Provider's heirs, executors, administrators, trustees, judicial managers or liquidators, as the case may be, but not, except with the written consent of the Council, any assignee of the Service Provider.

"Special Conditions" means any addition to or departure from or amendment of these Standard Conditions as set out in Annexure "A" hereof.

"Drawings" means the drawings referred to in the Specification and any modification of such drawings approved in writing by the Engineer and such other drawings as may from time to time be furnished or approved in writing by the Engineer.

"Contract Document" means the Conditions of Tender, Scope of Contract, Terms of Reference, these Definitions, Special Conditions (if any), Equipment Specifications, Rates, Percentages and Prices, Tender Form and Annexures thereto. Any amendments to the contract document agreed to by the Council and the Service Provider, Provisional Letter of Acceptance and the final Letter of Final Acceptance.

"Goods" means the equipment, plant, vehicles, service or materials to be supplied in accordance with the Contract.

"The Tender" means the written offer made by the Service Provider to the Council.

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

"SARS" means the South African Revenue Services.

THE MSUNDUZI MUNICIPALITY

CONTRACT No. SCM 18 OF 23/24

**APPOINTMENT OF AN ENVIRONMENTAL CONSULTANT TO UNDERTAKE THE DETAILED
FLOOD RISK AND VULNERABILITY ASSESSMENT OF MSUNDUZI MUNICIPALITY**

SPECIFICATION

1.0 SCOPE OF WORKS

The increased temperatures in the atmosphere create and contribute towards unpredictable weather conditions, if this continues; we should expect increased frequencies and intensities in heat waves, droughts and heavy rainfall resulting in flooding (Msunduzi Climate Change Policy, 2014). The impact of climate change tends to be unevenly distributed affecting mostly vulnerable communities; which can be further exacerbated by poor response planning. Recent events demonstrates the vulnerabilities of communities to the increased rapid flooding events. As a result, the Msunduzi Municipality intends to undertake and develop a Flood Risk and Vulnerability Assessment that will highlight high risk areas; to inform planning, disaster management, resource allocation, increase resilience and preparedness against extreme climate change events. A Flood Risk and Vulnerability Assessment evaluates the likelihood of flooding, identifies flood mitigation strategies, and is able to provide guidance on the appropriate responses that should be undertaken proactively to mitigate and reduce the impact of flood events.

The objective of this request is for the invitation of public tenders with the aim of appointing a suitably experienced, qualified and independent service provider to undertake a Detailed Flood Risk and Vulnerability Assessment of the Msunduzi Municipality.

The service provider will be expected to undertake the following key project deliverables:

- 1.1 Formulating development zones. (Areas suitable for development, areas suitable for development with conservation and areas of conservation where no development is permitted).
- 1.2 Refine 2m contours for the Msunduzi Municipality and map contours for Ward 39 (Vulindlela).
- 1.3 Conduct a Wetland Health Assessment of Ecological Infrastructure, ie. Wetlands, riparian corridors in the Msunduzi Municipality, and mapping and delineation of Ecological Infrastructure in Ward 39 (Vulindlela) that require rehabilitation with buffer zones.
- 1.4 Prepare baseline information in a digital GIS based format. (Topographical, land use scenarios, rainfall, catchment boundaries, river centrelines etc.).
- 1.5 Calculate peak flows and monthly stream flows for identified development scenarios.
- 1.6 Mapping of 1:50 year floodline and refining of the 1:100 year floodline layer and associated flow characteristics.
- 1.7 Identify flood hazards, impacts and risks.
- 1.8 Recommend potential mitigation measures or interventions.

2.0 **PROJECT CHAMPION**

For any **technical related enquiries regarding these specifications**, Tenderers must contact the following Project Champion:

Name: Thandolwethu Hlela – Environmental Management Unit

Contact Details: (033) 392 3243

Email: Thandolwethu.Hlela@msunduzi.gov.za

3.0 **TENDER BRIEFING MEETING**

No Tender Briefing Meeting is required for this contract.

4.0 **DETAIL SPECIFICATION**

The Flood Risk and Vulnerability Assessment is being commissioned to inform the Msunduzi Municipality about areas prone to flooding events. The Flood Risk and Vulnerability Assessment must identify high risk areas and assess their vulnerability, as well as developing a response plan and an early warning systems to increase preparedness and resilience to disasters.

The appointed service provider is expected to undertake the project according to the following processes and phases.

4.1. **PHASE 1: INCEPTION REPORT**

The service provider will prepare an Inception Report that will address the following items:

The service provider will prepare an Inception Report that will address the following items:

- a) Two advertisements to be placed in two local newspapers – which must be in English and one in isiZulu –inviting comment and participation, for a 30 day period, on the draft Detailed Flood Risk and Vulnerability Assessment for Msunduzi Municipality.
- b) The public participation consultative process must include seven (7) meetings with traditional councils in Msunduzi Municipality, one (1) meeting with Msunduzi Municipality's Full Council.
- c) Two presentations are to be done by the service provider to Msunduzi Municipality's Portfolio Committee and Executive Committee (one presentation per committee will be required). The two presentations must report on progress near the completion stage (before submission of the Final Detailed Flood Risk and Vulnerability Assessment of Msunduzi Municipality Report).
- d) Project planning and management mechanisms, including the timing and sequences of phases and stages, submission of monthly progress reports, associated budgets and the details of overall project administration.
- e) Method statements for the collection, analysis and presentation of information for the process and specialist studies.
- f) A literature review and identification of information sources for the status quo investigation.
- g) The inception report must provide for a strategic context that highlights key policy priorities and demonstrate how these will be integrated into the assessment to form the desired state of the hydrological systems, better response plan for flood risk reduction and to inform municipal planning going forward.

4.2. **PHASE 2: DETAILED FLOOD RISK AND VULNERABILITY ASSESSMENT OF MSUNDUZI MUNICIPALITY**

The Detailed Flood Risk and Vulnerability Assessment of Msunduzi Municipality:

- a) Formulating development zones. (Areas suitable for development, areas suitable for development with Conservation and areas of conservation where no development is permitted)
- b) Consulting with various stakeholders, including traditional authority and political leadership.
- c) Prepare baseline information in a digital GIS based format. (Topographical, land use scenarios, rainfall, catchment boundaries, river centrelines etc.).
- d) Refine 2m contours for the Municipality and map 2m contours for Ward 39 (Vulindlela).
- e) Calculate peak flows and monthly stream flows for identified development scenarios.
- f) Mapping of 1:50 year floodlines and refining of the 1:100 year floodlines and associated flow characteristics.
- g) Identify flood hazards, impacts and risks.
- h) Recommend potential mitigation measures or interventions.
- i) Mitigations and interventions recommended must include the identification of Early Warning Systems (EWS) that can be implemented and work well in the different areas prone to flooding.
- j) Conduct a Wetland Health Assessment of Ecological Infrastructure, ie. Wetlands and riparian corridors in the Municipality, including mapping and delineation of Ecological Infrastructure in Ward 39 (Vulindlela) that require rehabilitation with suitable buffer zones.
- k) Identify development trends and strategic land use patterns that are influencing the state of environment within the study area.
- l) Determine environmental constraints and opportunities to development and development pressures on the environment.
- m) Develop prevention and mitigation measures to avoid, reduce or compensate for negative environmental impacts.
- n) List all uncertainties, technical and/or knowledge gaps and the anticipated consequences thereof.
- o) Provide linkage to key Msunduzi Municipality policies; EMF, Climate Change Policy, Disaster Management Sector Plan, IDP, SDF, Human Settlements Sector Plan and development planning processes.
- p) Provide an overview of key Ecological Infrastructure and goods and services which are provided.

5.0 **DELIVERABLES**

- 5.1 After appointment the successful service provider/s will be required to submit an Inception Report with a detailed work plan, which will be agreed upon with the Steering Committee. The plan is to include an outline of the various draft and final reports to be produced, method statements for data collection and analysis; expected delivery dates for the various phases and component reports, as well as the consultative traditional and political leadership, and public participation programme and methodology.
- 5.2 The service provider will further provide the following:
 - a) Inception Report – both hard copy and electronic format.
 - b) Monthly progress reports.

- c) One Draft Detailed Flood Risk and Vulnerability Assessment for Msunduzi Municipality Report, both in hard copy and electronic format.
- d) Final Detailed Flood Risk and Vulnerability Assessment Report – detailing the methodology used for groundtruthing and spatial mapping refinement –both in hard copy and electronic format.
- e) A spatial layer showing the ‘areas with high flood risks’ which are; 1. ‘Areas suitable for development’ (low risk) 2. ‘Conservation with development’ (Medium risk) and 3. ‘Areas of conservation where no development is permitted’ (high risk). The layer which must be ground-truthed¹ is ‘Conservation with development’ (medium risk) and ‘Areas of conservation where no development is permitted’ (high risk) as per “Geographic Information System (GIS) Technical Specification”.
- f) Two A0 laminated maps of the consolidated environmental attributes map as per “Geographic Information System (GIS) Technical Specification”.
- g) Two A0 laminated maps of the ‘areas with high flood risks’ which are; 1. ‘Areas suitable for development’ (low risk) 2. ‘Conservation with development’ (Medium risk) and 3. ‘Areas of conservation where no development is permitted’ (high risk) as per “Geographic Information System (GIS) Technical Specification”.
- h) The consultative process must include seven (7) consultative meetings with traditional leadership and one (1) consultative meeting with political leadership. The public participation process must include two (2) advertisements in two (2) local newspapers (one in English and the other in IsiZulu).
- i) Two presentations to be done by the service provider to Msunduzi Municipality’s Portfolio Committee and Executive Committee (one presentation per committee will be required) to be presented to update on progress before submission of Final Detailed Flood Risk and Vulnerability Assessment. Both presentations are to be organized fully by the service provider.
- j) Service provider to provide workshop to Msunduzi staff and community leaders (ie. ward councillors and traditional leaders). A total of three (3) workshop meetings are required: x1 virtual workshop for the Msunduzi Municipality staff, x1 physical workshop for ward councillors and x1 physical workshop for traditional leaders. All workshops are to be organized fully by the service provider.
- k) Monthly progress reports must be provided by the service provider.
- l) Project Team meetings held and recorded, meeting minutes must be provided by the service provider to the municipality for confirmation.
- m) The service provider/s will be required to provide hard and electronic copies of all draft and final documents.
- n) The electronic copy must be produced in Word 2000/XP.
- o) All spatial information must be provided in a GIS format in compliance with the standards of the Msunduzi Municipality as per “Geographic Information System (GIS) Technical Specification”.

¹ Ground-truthed means verification of areas and features by direct observation on the ground by means of site visits to refine desktop level information

- p) The service provider/s shall submit a preliminary budget containing the hours and amount to be spent on each component of the project, before work can commence.

5.3 List Of New Spatial Datasets To Be Compiled By The Service Provider:

- a) 1:50 and 1:100 year floodline layers.
- b) Identified wetlands for rehabilitation and attenuation within Msunduzi Municipality boundary.
- c) Refined river system – at a scale of 1:10 000 if both river banks are visible on the aerial photography then these must be captured as polygons and if the river banks are not visible then these can be captured as center lines. Tributaries and associated drainage lines must be mapped employing the same principle.
- d) A spatial layer showing the ‘areas with high flood risks’ which are; 1. ‘Areas suitable for development’ (low risk) 2. ‘Conservation with development’ (Medium risk) and 3. ‘Areas of conservation where no development is permitted’ (high risk). The layer which must be ground-truthed² is ‘Conservation with development’ (medium risk) and ‘Areas of conservation where no development is permitted’ (high risk).
- e) Degree of settlement encroachment into identified environmentally sensitive areas.
- f) A consolidated environmental attributes map overlaying all environmental attributes listed in Table 2 and the associated rank.

Table 2: consolidated environmental attributes map requirements

No.	Potential Environmental Attributes To Be Studied	Rate/Score
1.	Catchment and River Network	Natural/ good/ fair/ modified/ seriously modified
2.	Wetland condition	Natural/ good/ fair/ modified/ seriously modified
3.	GeoHydrology (Ground Water Level)	Unsaturated Zones/ Saturated Zones Gentle
4.	Ecosystem Goods and Services provision at a desktop level 1 WET-EcoServices Assessment	Flood attenuation/ Streamflow regulation/ Water quality enhancement benefits/ Carbon storage/ Biodiversity maintenance
5.	Degree of Settlement Encroachment	Severe/ high/medium/ low
6.	Rivers vulnerability	PES/EIS
7.	Degree of Flood Potential	High/ medium/ low
8.	Rainfall Distribution	High/ medium/ low
9.	Flood Risk	High/Medium/low

It is important to note that with regards to the list of datasets to be compiled by the service provider; refinement of spatial data provided to the service provider along with provided information from the guiding documentation would be relevant only for Wards 1 – 38 and 40 – 41 GIS, however Ward 39 would not have the previous data and therefore all new information will need to be obtained for the same required layers as mentioned in section 4.2 above.

² Ground-truthed means verification of areas and features by direct observation on the ground by means of site visits to refine desktop level information

6.0 **CONTRACT PERIOD**

The Flood Risk and Vulnerability Assessment is to be undertaken within the period of two (2) years from the date of award.

7.0 **PLACE OF DELIVERY AND DELIVERY PERIOD**

The goods are to be delivered to: ENVIRONMENTAL MANAGEMENT UNIT, 411 BOOM STREET, PIETERMARITZBURG BUILDING, 3201 (ATTENTION: THANDOLWETHU HLELA).
The delivery of which is at the cost of the service provider.

8.0 **MANDATORY REQUIREMENTS**

CATEGORY	REGISTRATION BODY	NUMBER OF PROFESSIONALS	SUPPORTING DOCUMENTS REQUIRED
Professional Environmental Scientist	South African Council for Natural Scientific Professions (SACNASP)	1	1. Certified copies of qualification 2. Certified registration certificates
Professional Engineer (with proven experience in hydraulic engineering).	Engineering Council of South Africa (ECSA)	1	1. Certified copies of qualification 2. Certified registration certificates
Professional GIS Practitioner	South African Geomatics Council (SAGC) or South African Council for Professional and Technical Surveyors (PLATO)	1	1. Certified copies of qualification 2. Certified registration certificates

NB: Failure to attach the required certified supporting documents will result in disqualification of the tender.

9.0 **PENALTIES**

Penalties shall be levied at 0.1% of the contract value per working day for late completion of works/ submissions.

10.0 **COMPLIANCE WITH ANY LEGISLATION, BYLAWS, ETC.**

The service providers should ensure that the project takes cognizance of all relevant legislation and guideline documentation, including but not limited to the following:

- a) The Constitution of the Republic of South Africa (1996).
- b) The National Environmental Management Act (NEMA) (Act 107 of 1998).
- c) Disaster Management Act (Act 57 of 2002).
- d) Natural Scientific Professions Act (Act No. 27 of 2003).
- e) The Msunduzi Integrated Development Plan (IDP) for 2022 – 2027.
- f) The Msunduzi Integrated Environmental Management Policy (IEMP) 2017.
- g) The Msunduzi Spatial Development Framework.
- h) The Msunduzi Municipality Climate Change Policy (2019).
- i) The Msunduzi Climate Change and Adaptation Strategy (2016).
- j) Municipal Systems Act (Act 32 of 2000).

- k) Municipal Finance Management Act (Act 56 OF 2003).
- l) National Water Act (Act 36 of 1998).
- m) The Water Services Act (Act 108 of 1997).
- n) The Spatial Data Infrastructure Act (Act 54 of 2003).
- o) The Spatial and Land Use Management Act (Act 16 of 2013).
- p) The Msunduzi Environmental Management Framework (EMF) as per the sensitive areas adopted by the Competent Authority on the 3rd September 2015 (Provincial Notice 125 of 2015) in terms of sub-regulations 3(1) and 5(1) of the Environmental Management Framework Regulations 2010 (Government Notice No. R. 547) outlined in Table 1.
- q) The Msunduzi Municipality Final Draft Strategic Environmental Management Plan (SEMP) 2010.

11.0 **PRESENTATION**

Two presentations are to be done by the service provider, at the cost of the service provider, to Msunduzi Municipality's Portfolio Committee and Executive Committee. One presentation per committee will be required. The two presentations must report on progress near the completion stage (before submission of the Final Detailed Flood Risk and Vulnerability Assessment Report). Both presentations are to be organized fully by the service provider.

12.0 **ESCALATION**

N/A

13.0 **MATERIALS**

The Msunduzi Environmental Management Unit has chosen ESRI ArcGIS as their GIS software tool. This specification has therefore been formulated to ensure that work carried out for this project is delivered in a format and to a standard that is acceptable to the GIS requirements of the Environmental Management Unit.

By "spatial data" it is meant coordinated positions of polygons, lines and points contained in the GIS.

"Attribute data" means the pertinent textual information that is associated with the spatial data that is captured.

a. **Format Requirements Of Datasets**

The format of delivery of GIS datasets for this project shall be in ESRI ArcGIS shapefile format. The spatial GIS data must be 100% topologically clean in terms of the following:

- There must be no under-shoots and overshoots in the case of polygon data
- The datasets must be free of duplicate entities.
- All lines must intersect with zero tolerance should the data be line data. All lines that should snap to points must snap with zero tolerance.
- All polygon data-sets shall be free of sliver polygons. Sliver polygons are thin polygons that have been mistakenly created due to adjacent polygons either overlapping or underlapping slightly. Overlaps will only be accepted where legitimately created due overlapping types

Domain tables, also known as pick-lists or lookup tables should be used during the capture process to ensure that no spelling errors or alternatives are introduced in the datasets. Where "other" is given as an option an explanation of this must be provided in a separate text field in the database.

The database structure of all datasets supplied by the Msunduzi Municipality for capture, update and/or verification must be maintained with no changes to the field names and field types.

Where digital photographs are required these must be provided at a minimum of 3 megapixel and a maximum of 5 megapixel resolution and in JPG format. They must be clear and taken at appropriate angles (e.g. not into the sun) and at an appropriate distance from the subject. Photographs are to be named with the exact same unique number as the feature is numbered in the shapefile database.

b. Co-Ordinate System And Spatial Data Accuracy

Spatial data will only be accepted in projected WG31 co-ordinates on the Hartebeeshoek '94 datum. This is the standard GIS co-ordinate system utilized by all units within Msunduzi Municipality.

It is a requirement that spatial data captured for infrastructure (manholes, pipes etc.) must be captured to a worst case accuracy of 1 metre and all other datasets to a worst case accuracy of 5 metres. It is very important for the service provider to note this because the use of smart phones, tablet PCs with built-in GPS capability, and navigational GPS units (such as Garmin and Tom-Tom units) may not meet these spatial accuracy requirements.

c. Scale Of Mapping

The level of detail required for spatial data capture, especially in respect of key environmental attributes, must be at a scale of 1:10 000. The final A0 maps provided must be at a scale of 1:30 000. The 'final most desirable land use scenario for Vulindlela' layer must utilize 1 hectare polygons as in the case of the existing C-Plan, for which each 1 hectare hexagonal polygons must list all key features found occurring within that polygon as an attribute within the attribute table.

d. Metadata

Metadata must accompany the spatial data in accordance with the South African national metadata standard. Metadata must include details such as capture method, accuracy, abstract on the database, and full contact details of the service provider. Metadata is to be supplied digitally as an ArcGIS metadata record created using ArcCatalog (within the ArcGIS software package).

e. Data Delivery

Data is to be supplied on a clearly marked CD or DVD and USB flash drive regardless of whether it is transmitted via e-mail or not. Other requirements of this project, such as hardcopy colour maps or required copies of documents, are separate from these specifications and must not be confused with, or replaced by, the information requirements described. The ownership and copyright of all datasets captured and compiled during this project will vest in the Msunduzi Municipality.

14.0 EVALUATION CRITERIA

The tender shall be evaluated on a Two Stage Evaluation System.

Stage One: Functionality and Stage Two: 80/20 Preference Point System in accordance with the Preferential Procurement Regulations 2022, issued in terms of Section 5 of the Preferential Procurement Policy Framework Act, Act No 5 of 2000 as follows:

14.1 **Mandatory Requirements**

The bidding team must consist of three team members professionally registered with one from each of the three following professional regulatory bodies:

Category	Registration Body	No. Of Professionals	Supporting Documents Required
Professional Environmental Scientist	South African Council for Natural Scientific Professions (SACNASP)	1	Certified copies of qualification, and, Certified registration certificates <i>(All documents to be certified by the Commissioner of Oaths)</i>
Professional Engineer (with proven experience in hydraulic engineering).	Engineering Council of South Africa (ECSA)	1	Certified copies of qualification, and, Certified registration certificates <i>(All documents to be certified by the Commissioner of Oaths)</i>
Professional GIS Practitioner	South African Geomatics Council (SAGC) or South African Council for Professional and Technical Surveyors (PLATO)	1	Certified copies of qualification, and, Certified registration certificates <i>(All documents to be certified by the Commissioner of Oaths)</i>

NB: Failure to attach the required certified supporting documents will result in disqualification of the tender. Documents are to be certified by the Commissioner of Oaths.

14.2 **Stage 1 – Functionality**

To qualify, C.V.'s of professionals with details of experience in similar projects to be provided with completed documents.

Certified registration certificates must be submitted with the tender document. Failure to not do so will result in no points awarded.

To qualify for points for experience, details of work completed, value of work, name of referees and contact numbers are to be provided with completed tender document

EVALUATION CRITERIA		SCORING
CRITERIA 1: EXPERIENCE		
Relevant Work Experience		
Professional Environmental Scientist registered with SACNASP <i>(Attach CV with details of similar projects).</i>	1yr - 2yrs = 2 points 3yrs - 5yrs = 5 points >5yrs = 10 points	/30
Professional Engineer registered with ECSA <i>(Attach CV with details of similar projects).</i>	1yr - 2yrs = 2 points 3yrs - 5yrs = 5 points >5yrs = 10 points	
Professional and Technical Surveyor or GIS Practitioner registered with either SAGC or SACNASP <i>(Attach CV with details of similar projects).</i>	1yr - 2yrs = 2 points 3yrs - 5yrs = 5 points >5yrs = 10 points	
CRITERIA 2: SIMILAR PROJECT		
Schedule Of Similar Projects Of Company		
The bidder must have demonstrated experience in floodline development and wetland assessments, A schedule of successful similar projects submitted including reference letters from clients for all successful projects submitted, client details, start and finish dates and project amount. (Failure to submit all the above information shall lead to no points being awarded. The Municipality reserves the right to verify information submitted).	1 – 2 projects = 10 points 3 – 5 projects = 15 points 6 - 10 projects = 20 points >10 Projects = 30 points	/30
TOTAL FUNCTIONALITY POINTS AWARDED		/60

NB: To qualify for Stage 2, the Service Provider must obtain **65% or 39 points of the total functionality points.**

14.3 **Stage 2: Specific Goals**

The allocation of Preference Points will be according to the following Specific Goals:

Specific goals	Scoring
Enterprise That Is 51% Black Owned	20/20
Enterprise Which Is 30% - %50% Black Owned	10/20
Enterprise that is 10% - 29% black owned	5/20

Tender Adjudication & Evaluation Criteria will be implemented in line with the Msunduzi Municipality's approved Supply Chain and Preferential Procurement Policies on the 80/20 point system. Adjudication criteria will be as per the tender document, and the allocation of points will be in line with Specific Goals as prescribed in terms of the Preferential Procurement Regulations, 2022 pertaining to the Preferential Procurement Policy Framework Act, No. 5 of 2000

- Price 80 Points
- Specific Goals 20 Points
- Total points for Price and Specific Goals must not exceed 100 Points

15.0 **ANY OTHER IMPORTANT INFORMATION**

The project leader must be a Professional Environmental Scientist with the South African Council for Natural Scientific Professions (SACNASP) and have demonstrated experience in undertaking a detailed flood risk and vulnerability assessment.

16.0 **ANNEXURES**

Annexure A: Terms of Reference

17.0 **ASSIGNMENT AND SUBLETTING**

Neither the Service Providers nor the Council shall assign or cede the contract or any part thereof or any benefit or interest therein or thereunder without the written consent of the other. The Service Providers shall not sub-let the whole or any part of this contract without the written consent of the Engineer and such consent, if given, shall not relieve the Service Providers from any liability or obligation under the contract.

18.0 **COUNCIL'S LIABILITY AND INDEMNITY**

18.1 Service Providers hereby indemnifies the Council and its employees and agents against all losses and claims for injuries or damages to any person or property whatsoever which may arise out of the execution of this contract.

18.2 The Council shall not be held liable to Service Providers for any direct or indirect damages or losses and the Council shall be indemnified and held free against claims arising out of:

18.2.1 any negligent or innocent misrepresentations made by the Council, its employees or agents in respect of any data, information and statistics supplied to Service Providers prior to or during the contract; provided that this condition shall not deprive the Contractor of any payments lawfully due to the Service Providers in terms of the contract, and

18.2.2 a change in a legislative provision applicable to the contract.

19.0 SEQUESTRATION OR SURRENDER OF SERVICE PROVIDER'S ESTATE

In the event of an order being made for sequestration of the Service Provider's estate, whether provisional or final, or in the event of an application being made for such order, or in the event of the Service Providers making application for the surrender of the Service Provider's estate, or if the Service Providers shall enter into, make or execute any deed of assignment or other composition or arrangement with, or assignment for the benefit of the Service Provider's creditors, or purport to do so, or if the Service Providers, being a Company, shall pass a resolution, or if the Court shall make an order for the liquidation of such company, the Council shall have the right, summarily and without recourse to law, to terminate the contract without payment of any compensation to the Service Providers, and without prejudice to the right of the Council to sue the Service Providers for any damages sustained by it in consequence of one or the other of the afore-mentioned events.

20.0 SECURITY OF INFORMATION

Subject to the provisions of the Promotion of Access to Information Act, the information revealed in this tender document is to be classified as confidential. Accordingly, the Engineer reserves the right to request references and generally examine bona fides and available facilities of any Company of Firm wanting to participate in this contract.

21.0 LAW TO APPLY

The contract shall in all respects be construed in accordance with the law of the Republic of South Africa, and any difference that may arise between the Council and the Service Providers in regard to the contract shall be settled in the Republic of South Africa.

22.0 PATENT RIGHTS

The Service Providers shall pay all royalties and expenses and be liable for all claims in respect of the use of patent rights, trade marks or other protected rights, and shall hold the Council indemnified and harmless against any claims for loss or damage to (including legal expenses) arising therefrom.

23.0 CONTRACT TO BE IN CONFORMITY WITH BY-LAWS AND ANY OTHER APPLICABLE LAWS

The contract shall be carried out subject to and in conformity with any law, regulation or By-law which is of application thereto and shall be conditional upon any necessary consent required by law being obtained.

MSUNDUZI MUNICIPALITY

CONTRACT No. SCM 18 OF 23/24

**APPOINTMENT OF AN ENVIRONMENTAL CONSULTANT TO UNDERTAKE THE DETAILED
FLOOD RISK AND VULNERABILITY ASSESSMENT OF MSUNDUZI MUNICIPALITY**

TERMS OF REFERENCE

1. REQUEST FOR PROPOSAL

The increased temperatures in the atmosphere create and contribute towards unpredictable weather conditions, if this continues; we should expect increased frequencies and intensities in heat waves, droughts and heavy rainfall resulting in flooding (Msunduzi Climate Change Policy, 2014). The impact of climate change tends to be unevenly distributed affecting mostly vulnerable communities; which can be further exacerbated by poor response planning. Recent events demonstrates the vulnerabilities of communities to the increased rapid flooding events. As a result, the Msunduzi Municipality intends to undertake and develop a Detailed Flood Risk and Vulnerability Assessment that will highlight high risk areas; inform planning, inform disaster management and resource allocation. A Flood Risk and Vulnerability Assessment evaluates the likelihood of flooding, identifies flood mitigation strategies, and is able to provide guidance on the responses that should be undertaken proactively to mitigate and reduce the impact of flood events. Floods are a natural phenomenon, but can also be exacerbated by anthropogenic activities. The Msunduzi Municipality is undertaking a Detailed Flood Risk and Vulnerability Assessment to increase resilience and preparedness against extreme climate change events.

The objective of this request for proposal is to ensure that the Municipality functions efficiently to deliver basic, social, economic and environmental services to build better Communities (IDP, 2022 - 2027) by appointing a suitably experienced, qualified and independent service provider to undertake a Detailed Flood Risk and Vulnerability Assessment of the Msunduzi Municipality.

The team must include a SACNASP registered professional scientist with a Bsc Degree; a professional engineer registered with ECSA and has demonstrated experience in floodline development and flood risk assessment Professional GIS practitioner registered with the South African Council for Professional and Technical Surveyors, commonly referred to as PLATO or South African Geomatics Council (SAGC) for Professional and Technical Surveyors.

2. MANDATORY REQUIREMENTS

CATEGORY	REGISTRATION BODY	NUMBER OF PROFESSIONALS	SUPPORTING DOCUMENTS REQUIRED
Professional Environmental Scientist	South African Council for Natural Scientific Professions (SACNASP)	1	3. Certified copies of qualification 4. Certified registration certificates
Professional Engineer (with proven experience in hydraulic engineering).	Engineering Council of South Africa (ECSA)	1	3. Certified copies of qualification 4. Certified registration certificates

Professional GIS Practitioner	South African Geomatics Council (SAGC) or South African Council for Professional and Technical Surveyors (PLATO)	1	<p>3. Certified copies of qualification</p> <p>4. Certified registration certificates</p>
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Failure to attach the required certified supporting documents will result in disqualification of the tender.

3. SCOPE AND EXTENT OF WORK

The Detailed Flood Risk and Vulnerability Assessment is being commissioned to inform the Msunduzi Municipality about areas prone to flooding events. The Flood Risk and Vulnerability Assessment must identify high risk areas and assess their vulnerability.

Strategies to attain a Desired State of the Environment must be developed by;

1. Formulating development zones. (Areas suitable for development, areas suitable for development with conservation and areas of conservation where no development is permitted).
2. Consulting with various stakeholders, including traditional authority and political leadership.
3. Conduct a Wetland Health Assessment of Ecological Infrastructure, ie. Wetlands, riparian corridors in the Municipality, and mapping and delineation of Ecological Infrastructure in Ward 39 (Vulindlela) that require rehabilitation with suitable buffer zones.
4. Prepare baseline information in a digital GIS based format. (Topographical, land use scenarios, rainfall, catchment boundaries, river centrelines etc.).
5. Calculate peak flows and monthly stream flows for identified development scenarios.
6. Mapping of 1:50 year floodline and refining of the 1:100 year floodline and associated flow characteristics.
7. Identify flood hazards, impacts and risks.
8. Recommend potential mitigation measures or interventions.

It is mandatory that the project team of the appointed Service Provider to have a minimum of three (3) members professionally registered with the following professional regulatory bodies:

- A professional scientist (Pr.Sci.Nat.) registered with the South African Council for Natural Scientific Professions (SACNASP) in a relevant field of practice.
- A professional engineer registered with the Engineering Council of South Africa (ECSA) in a relevant field of practice.
- Professional GIS Practitioner registered with South African Geomatics Council (SAGC) for Professional and Technical Surveyors South African Council for Professional and Technical Surveyors, commonly referred to as PLATO

The role of the Service Provider/s is to assist the Msunduzi Municipality to undertake a Detailed Flood Risk and Vulnerability Assessment of the Msunduzi Municipality. To achieve this, the appointed service provider/s will undertake the following:

3.1 INITIAL MEETING WITH PROJECT TEAM

After appointment, the service provider/s will meet with the relevant officials to:

- Establish a Project Steering Committee, which should include representatives from the Msunduzi Municipality which will engage in a minimum of one meeting per quarter required to be held at a Municipal venue or virtually.
- Provide an Inception report and confirm the scope of work for the project.
- Agree upon time frames for the deliverables and associated budget.
- Agree upon roles and responsibilities within the Project Steering Committee to formulate a work programme.
- Agree upon the scope of stakeholder groupings that are to be included in the consultation process (public participation).
- Agree on a communication strategy between the Service Provider/s, Project Steering Committee and Stakeholders.

3.2. **LITERATURE REVIEW**

Climate change refers to an ongoing trend of changes in the earth's general weather conditions as a result of an average rise in the temperature of the earth's surface, known as global warming. Evidence of rapid climate change, including more frequent and intense weather systems and greater climate variability, has been observed and includes changes in average rainfall patterns, with some regions experiencing higher rainfall and flooding events (Climate Change Policy, 2019). A detailed Flood Risk and Vulnerability Assessment, which involves (but not limited to) desktop studies, groundtruthing and mapping of floodline is required for Msunduzi Municipality with the aim of identifying high risk areas (likelihood and frequency of flooding events occurring) addressing the impacts of risks associated with developments located within floodplains and other sensitive areas (SEMP, 2010).

Professional Natural Scientists, as defined in Section 1 and registered as such in terms of Section 20 (3) (a) of the Natural Scientific Professions Act (Act No. 27 of 2003) are hereby invited to undertake a Detailed Flood Risk and Vulnerability Assessment for Msunduzi Municipality.

3.3. **LEGAL REQUIREMENTS AND POINTS TO CONSIDER**

The service provider/s should ensure that the project takes cognisance of all relevant legislation and guideline documentation, including, but not limited to the following:

1. The Constitution of the Republic of South Africa (1996).
2. The National Environmental Management Act (NEMA) (Act 107 of 1998).
3. Disaster Management Act (Act 57 of 2002).
4. Natural Scientific Professions Act (Act No. 27 of 2003).
5. The Msunduzi Environmental Management Framework (EMF) as per the sensitive areas adopted by the Competent Authority on the 3rd September 2015 (Provincial Notice 125 of 2015) in terms of sub-regulations 3(1) and 5(1) of the Environmental Management Framework Regulations 2010 (Government Notice No. R. 547) outlined in Table 1.
6. The Msunduzi Integrated Development Plan (IDP) for 2022 – 2027.
7. The Msunduzi Integrated Environmental Management Policy (IEMP) 2017.
8. The Msunduzi Municipality Final Draft Strategic Environmental Management Plan (SEMP) 2010.
9. The Msunduzi Spatial Development Framework.
10. The Msunduzi Municipality Climate Change Policy (2019).
11. The Msunduzi Climate Change and Adaptation Strategy (2016).
12. Municipal Systems Act (Act 32 of 2000).
13. Municipal Finance Management Act (Act 56 OF 2003).
14. National Water Act (Act 36 of 1998).
15. The Water Services Act (Act 108 of 1997).
16. The Spatial Data Infrastructure Act (Act 54 of 2003).
17. The Spatial and Land Use Management Act (Act 16 of 2013).

3.4. **SPATIAL LAYERS AND DATASETS**

The following list of datasets will be supplied to the Service Provider for informational purposes (some of these datasets exclude information for ward 39):

- EMF Layers (wetland areas, river systems, flood zones).
- Cadastral Ownership.
- Aerial Photography.
- Draft Ecosystem Services Plan (ESP) (data excluded for ward 39).

Table 1: Spatial Layers as mapped and defined in the Msunduzi Environmental Management Framework as being “sensitive areas”

	Environmental Management Zone	Defined Constraint Layer/s
1	Wetland Conservation and Buffer Zones	Wetland areas
		Wetland buffer areas
2	Biodiversity Conservation Zones	Protected areas
		High Biodiversity constraint areas
3	Flood Risk Zones	High flood potential
4	Slope Zones	Extremely steep slopes
		Steep slopes

3.5. **PUBLIC PARTICIPATION**

The process will need to involve an extensive consultative and public participation process as set out in the National Environmental Management Act, 1998 (Act no. 107 of 1998) Environmental Management Framework Regulations (GNR 547). The public participation process must include the following:

- An advertisement in two (2) local newspapers, one in IsiZulu and the other in English.
- Consultation with Msunduzi Municipality’s Full Council.
- Consultation with traditional councils in the Msunduzi Municipality. The Msunduzi Municipality has 7 traditional councils in total, namely; Mafunze Traditional Council, Inadi Traditional Council, Nxamalala Traditional Council, Mpumuza Traditional Council, Embo Traditional Council, Ximba Traditional Council and Qadi Traditional Council.
- Public participation with civil society and the residents of the Msunduzi Municipality through the review of the Draft Detailed Flood Risk and Vulnerability Assessment Report.
- Public participation processes are to be fully organised and undertaken by the service provider.

3.6. **PROCESSES PHASES**

The service provider/s will undertake the project in the following phases:

PHASE 1: INCEPTION REPORT

The service provider will prepare an Inception Report that will address the following items:

- h) Two advertisements to be placed in two local newspapers – which must be in English and one in isiZulu –inviting comment and participation, for a 30 day period, on the draft Detailed Flood Risk and Vulnerability Assessment for Msunduzi Municipality.

- i) The public participation consultative process must include seven (7) meetings with traditional councils in Msunduzi Municipality, one (1) meeting with Msunduzi Municipality's Full Council.
- j) Two presentations are to be done by the service provider to Msunduzi Municipality's Portfolio Committee and Executive Committee (one presentation per committee will be required). The two presentations must report on progress near the completion stage (before submission of the Final Detailed Flood Risk and Vulnerability Assessment of Msunduzi Municipality Report).
- k) Project planning and management mechanisms, including the timing and sequences of phases and stages, submission of monthly progress reports, and associated budgets as well as details of overall project administration.
- l) Method statements for the collection, analysis and presentation of information for the process and specialist studies.
- m) A literature review and identification of information sources for the status quo investigation.
- n) The inception report must provide for a strategic context that highlights key policy priorities and demonstrate how these will be integrated into the assessment to form the desired state of the hydrological systems, better response plan for flood risk reduction and to inform municipal planning going forward.

PHASE 2: DETAILED FLOOD RISK AND VULNERABILITY ASSESSMENT REPORT

The Detailed Flood Risk and Vulnerability Assessment Report is to include the following:

- a) Formulating development zones. (Areas suitable for development, areas suitable for development with Conservation and areas of conservation where no development is permitted)
- b) Consulting with various stakeholders, including traditional authority and political leadership.
- c) Prepare baseline information in a digital GIS based format. (Topographical, land use scenarios, rainfall, catchment boundaries, river centrelines etc.).
- d) Refine 2m contours for the Municipality and map 2m contours for Ward 39 (Vulindlela).
- e) Calculate peak flows and monthly stream flows for identified development scenarios.
- f) Mapping of 1:50 year floodlines and refining of the 1:100 year floodline and associated flow characteristics.
- g) Identify flood hazards, impacts and risks.
- h) Recommend potential mitigation measures or interventions.
- i) Mitigations and interventions recommended must include the identification of Early Warning Systems (EWS) that can be implemented and work well in the different areas prone to flooding.
- j) Conduct a Wetland Health Assessment of Ecological Infrastructure, ie. Wetlands and riparian corridors in the Municipality, including mapping and delineation of Ecological Infrastructure in Ward 39 (Vulindlela) that require rehabilitation with suitable buffer zones.
- k) Identify development trends and strategic land use patterns that are influencing the state of environment within the study area.
- l) Determine environmental constraints and opportunities to development and development pressures on the environment.
- m) Develop prevention and mitigation measures to avoid, reduce or compensate for negative environmental impacts.
- n) List all uncertainties, technical and/or knowledge gaps and the anticipated consequences thereof.
- o) Provide linkage to key Msunduzi Municipality policies; EMF, Climate Change Policy, Disaster Management Sector Plan, IDP, SDF, Human Settlements Sector Plan and development planning processes.

- p) Provide an overview of key Ecological Infrastructure and goods and services which are provided.

4. **DELIVERABLES**

After appointment the successful service provider/s will be required to submit an Inception Report with a detailed work plan, which will be agreed upon with the Steering Committee. The plan is to include an outline of the various draft and final reports to be produced, method statements for data collection and analysis; expected delivery dates for the various phases and component reports, as well as the consultative traditional and political leadership, and public participation programme and methodology.

4.1 The service provider/s will provide the following:

- a) Inception Report – both hard copy and electronic format.
- b) Monthly progress reports.
- c) One Draft Detailed Flood Risk and Vulnerability Assessment for Msunduzi Municipality Report, both in hard copy and electronic format.
- d) Final Detailed Flood Risk and Vulnerability Assessment Report – detailing the methodology used for groundtruthing and spatial mapping refinement –both in hard copy and electronic format.
- e) A spatial layer showing the ‘areas with high flood risks’ which are; 1. ‘Areas suitable for development’ (low risk) 2. ‘Conservation with development’ (Medium risk) and 3. ‘Areas of conservation where no development is permitted’ (high risk). The layer which must be ground-truthed³ is ‘Conservation with development’ (medium risk) and ‘Areas of conservation where no development is permitted’ (high risk) as per “Geographic Information System (GIS) Technical Specification”.
- f) Two A0 laminated maps of the consolidated environmental attributes map as per “Geographic Information System (GIS) Technical Specification”.
- g) Two A0 laminated maps of the ‘areas with high flood risks’ which are; 1. ‘Areas suitable for development’ (low risk) 2. ‘Conservation with development’ (Medium risk) and 3. ‘Areas of conservation where no development is permitted’ (high risk) as per “Geographic Information System (GIS) Technical Specification”.
- h) The consultative process must include seven (7) consultative meetings with traditional leadership and one (1) consultative meeting with political leadership. The public participation process must include two (2) advertisements in two (2) local newspapers (one in English and the other in IsiZulu).
- i) Two presentations to be done by the service provider to Msunduzi Municipality’s Portfolio Committee and Executive Committee (one presentation per committee will be required) to be presented to update on progress before submission of Final Detailed Flood Risk and Vulnerability Assessment. Both presentations are to be organized fully by the service provider.
- j) Service provider to provide workshop to Msunduzi staff and community leaders (ie. ward councillors and traditional leaders). A total of three (3) workshop meetings are required: x1 virtual workshop for Msunduzi Municipality staff, x1 physical workshop for ward councillors and x1 physical workshop for traditional leaders. All workshops are to be organized fully by the service provider.

³ Ground-truthed means verification of areas and features by direct observation on the ground by means of site visits to refine desktop level information

- k) Monthly progress reports must be provided by the service provider.
- l) Project Team meetings held and recorded, meeting minutes must be provided by the service provider to the municipality for confirmation.
- m) The service provider/s will be required to provide hard and electronic copies of all draft and final documents.
- n) The electronic copy must be produced in Word 2000/XP.
- o) All spatial information must be provided in a GIS format in compliance with the standards of the Msunduzi Municipality as per “Geographic Information System (GIS) Technical Specification”.
- p) The service provider/s shall submit a preliminary budget containing the hours and amount to be spent on each component of the project, before work can commence.

4.2 List of new spatial datasets to be compiled by the Service Provider:

- a) 1:50 and 1:100 year flood layers.
- b) Identified wetlands for rehabilitation and attenuation within Msunduzi Municipality boundary.
- c) Refined river system – at a scale of 1:10 000 if both river banks are visible on the aerial photography then these must be captured as polygons and if the river banks are not visible then these can be captured as center lines. Tributaries and associated drainage lines must be mapped employing the same principle.
- d) A spatial layer showing the ‘areas with high flood risks’ which are; 1. ‘Areas suitable for development’ (low risk) 2. ‘Conservation with development’ (Medium risk) and 3. ‘Areas of conservation where no development is permitted’ (high risk). The layer which must be ground-truthed⁴ is ‘Conservation with development’ (medium risk) and ‘Areas of conservation where no development is permitted’ (high risk).
- e) Degree of settlement encroachment into identified environmentally sensitive areas.
- f) A consolidated environmental attributes map overlaying all environmental attributes listed in Table 2 and the associated rank.

Table 2: consolidated environmental attributes map requirements

No.	POTENTIAL ENVIRONMENTAL ATTRIBUTES TO BE STUDIED	RATE/SCORE
1.	Catchment and River Network	Natural/ good/ fair/ modified/ seriously modified
2.	Wetland condition	Natural/ good/ fair/ modified/ seriously modified
3.	GeoHydrology (Ground Water Level)	Unsaturated Zones/ Saturated Zones Gentle
4.	Ecosystem Goods and Services provision at a desktop level 1 WET-EcoServices Assessment	Flood attenuation/ Streamflow regulation/ Water quality enhancement benefits/ Carbon storage/ Biodiversity maintenance
5.	Degree of Settlement Encroachment	Severe/ high/medium/ low
6.	Rivers vulnerability	PES/EIS
7.	Degree of Flood Potential	High/ medium/ low

⁴ Ground-truthed means verification of areas and features by direct observation on the ground by means of site visits to refine desktop level information

8.	Rainfall Distribution	High/ medium/ low
9.	Flood Risk	High/Medium/low

It is important to note that with regards to the list of datasets to be compiled by the service provider; refinement of spatial data provided to the service provider along with provided information from the guiding documentation would be relevant only for Wards 1 – 38 and 40 – 41 GIS, however **Ward 39 would not have the previous data and therefore all new information will need to be obtained for the same required layers as mentioned in section 4.2 above.**

5. STUDY AREA BOUNDARY FOR MSUNDUZI MUNICIPALITY

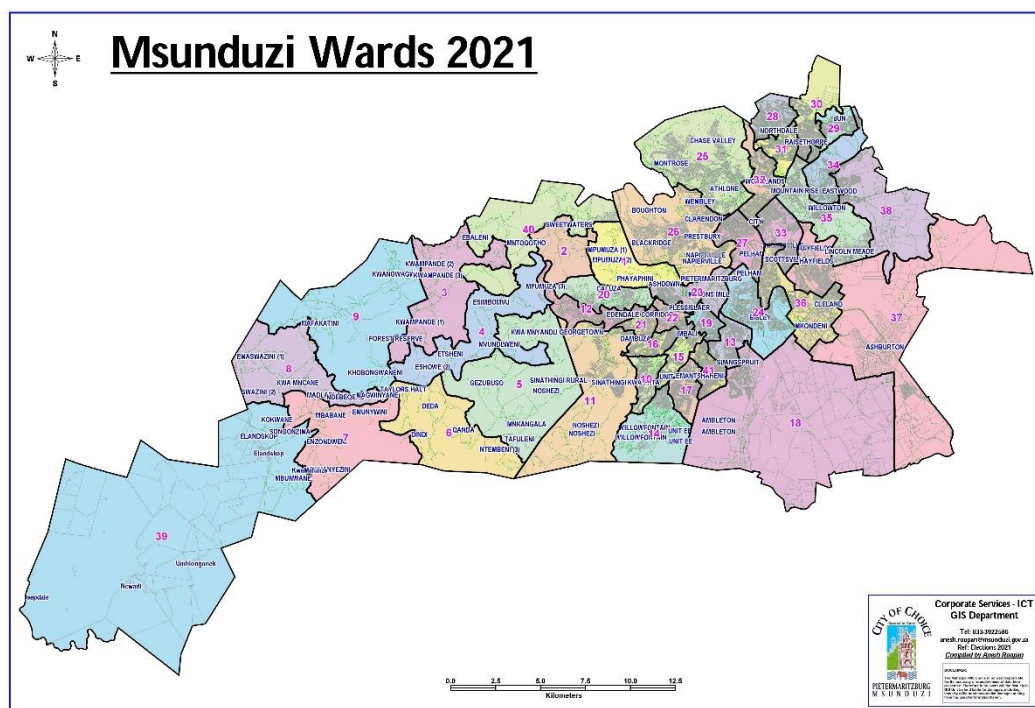


Figure 1. Image displaying the Msunduzi Municipality study area that needs to be covered by the assessment.

5.1 Geographic Information System (GIS) Technical Specification

a) Introduction

This specification sets the standard for the supply of the digital spatial Geographical Information Systems (GIS) data and its related attributes that are to be captured and compiled for the Detailed Flood Risk and Vulnerability Assessment of Msunduzi Municipality.

The Msunduzi Environmental Management Unit has chosen ESRI ArcGIS as their GIS software tool. This specification has therefore been formulated to ensure that work carried out for this project is delivered in a format and to a standard that is acceptable to the GIS requirements of the Environmental Management Unit.

By “spatial data” it is meant coordinated positions of polygons, lines and points contained in the GIS.

“Attribute data” means the pertinent textual information that is associated with the spatial data that is captured.

b) Format Requirements Of Datasets

The format of delivery of GIS datasets for this project shall be in ESRI ArcGIS shapefile format. The spatial GIS data must be 100% topologically clean in terms of the following:

- There must be no under-shoots and overshoots in the case of polygon data
- The datasets must be free of duplicate entities.
- All lines must intersect with zero tolerance should the data be line data. All lines that should snap to points must snap with zero tolerance.
- All polygon data-sets shall be free of sliver polygons. Sliver polygons are thin polygons that have been mistakenly created due to adjacent polygons either overlapping or under-lapping slightly. Overlaps will only be accepted where legitimately created due overlapping types

Domain tables, also known as pick-lists or lookup tables should be used during the capture process to ensure that no spelling errors or alternatives are introduced in the datasets. Where "other" is given as an option an explanation of this must be provided in a separate text field in the database.

The database structure of all datasets supplied by the Msunduzi Municipality for capture, update and/or verification must be maintained with no changes to the field names and field types.

Where digital photographs are required these must be provided at a minimum of 3 megapixel and a maximum of 5 megapixel resolution and in JPG format. They must be clear and taken at appropriate angles (e.g. not into the sun) and at an appropriate distance from the subject. Photographs are to be named with the exact same unique number as the feature is numbered in the shapefile database.

c) Co-Ordinate System And Spatial Data Accuracy

Spatial data will only be accepted in projected WG31 co-ordinates on the Hartebeeshoek '94 datum. This is the standard GIS co-ordinate system utilized by all units within Msunduzi Municipality.

It is a requirement that spatial data captured for infrastructure (manholes, pipes etc.) must be captured to a worst case accuracy of 1 metre and all other datasets to a worst case accuracy of 5 metres. It is very important for the service provider to note this because the use of smart phones, tablet PCs with built-in GPS capability, and navigational GPS units (such as Garmin and Tom-Tom units) may not meet these spatial accuracy requirements.

d) Scale Of Mapping

The level of detail required for spatial data capture, especially in respect of key environmental attributes, must be at a scale of 1:10 000. The final A0 maps provided must be at a scale of 1:30 000. The 'final most desirable land use scenario for Vulindlela' layer must utilize 1 hectare polygons as in the case of the existing C-Plan, for which each 1 hectare hexagonal polygons must list all key features found occurring within that polygon as an attribute within the attribute table.

e) Metadata

Metadata must accompany the spatial data in accordance with the South African national metadata standard. Metadata must include details such as capture method, accuracy, abstract on the database, and full contact details of the service provider. Metadata is to be supplied digitally as an ArcGIS metadata record created using ArcCatalog (within the ArcGIS software package).

f) **Data Delivery**

Data is to be supplied on a clearly marked CD or DVD and USB flash drive regardless of whether it is transmitted via e-mail or not. Other requirements of this project, such as hardcopy colour maps or required copies of documents, are separate from these specifications and must not be confused with, or replaced by, the information requirements described. The ownership and copyright of all datasets captured and compiled during this project will vest in the Msunduzi Municipality.

6. **OWNERSHIP**

All documents, materials, data and information irrespective of format will be the property of the Msunduzi Local Municipality.

7. **ENQUIRIES**

All enquiries in connection with this project should be directed to:

Miss Thandolwethu Hlela
Environmental Scientist: Environmental Management
Msunduzi Municipality
411 Boom Street, Pietermaritzburg
Tel: 033 392 3243
Email: Thandolwethu.Hlela@msunduzi.gov.za

MSUNDUZI MUNICIPALITY

CONTRACT No. SCM 18 OF 23/24

**APPOINTMENT OF AN ENVIRONMENTAL CONSULTANT TO UNDERTAKE THE DETAILED
FLOOD RISK AND VULNERABILITY ASSESSMENT OF MSUNDUZI MUNICIPALITY**

PRICING SCHEDULE

The Bidders must follow the pricing standard below in submitting the prices for the items:

Task	Estimated Cost to Msunduzi Municipality
1. Prepare baseline information in a digital GIS based format. (Topographical, land use scenarios, rainfall, catchment boundaries, river centrelines etc).	R
2. Refine 2m contours for the Municipality and map 2m contours for Ward 39 (Vulindlela).	R
3. Mapping of 1:50 and refining 1:100 year flood lines and associated flow characteristics.	R
4. Two (2) A0 laminated maps of the 'areas with high flood risks' which are; 1. 'Areas suitable for development' (low risk) 2. 'Conservation with development' (Medium risk) and 3. 'Areas of conservation where no development is permitted' (high risk)	R
5. Two A0 laminated maps of the consolidated environmental attributes map (attributes listed in Table 2)	R
6. New spatial layers and datasets	R
7. X2 Public Participation Adverts in two local newspapers	R
8. Consultation meetings and project team	R
9. Public Participation	R
10. Inception Report (Digital and hard copy)	R
11. Draft Detailed Flood Risk and Vulnerability Assessment of Msunduzi Municipality (Digital and hard copy)	R
12. Final Detailed Flood Risk and Vulnerability Assessment of Msunduzi Municipality. (Digital and hard copy)	R

13. Two (2) presentations	R
14. One (1) virtual workshop	R
15. Two (2) physical workshops	R
Total (excl. VAT)	R
ADD VAT @ 15%	R
TOTAL INCLUDING VAT	R

Notes:-

1. The Price Schedule must be completed in original handwriting.
2. Tenderers who are non-VAT Vendors must insert the symbols "**NVV**" in the VAT column.
3. The Council reserves the right to enter into price negotiations with the appointed Tenderer.

SIGNED ON BEHALF OF THE SERVICE PROVIDER:

Name of Service Provider:

Name of Signatory:

Capacity of Signatory.....

SIGNATURE DATE.....

THE MSUNDUZI MUNICIPALITY

CONTRACT No. SCM 18 OF 23/24

**APPOINTMENT OF AN ENVIRONMENTAL CONSULTANT TO UNDERTAKE THE DETAILED
FLOOD RISK AND VULNERABILITY ASSESSMENT OF MSUNDUZI MUNICIPALITY**

DATA SHEET 1: INVITATION TO BID DOCUMENT

PART A

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE MSUNDUZI MUNICIPALITY					
BID NUMBER:	SCM 18 OF 23/24	CLOSING DATE:	19 December 2023	CLOSING TIME:	12H00
DESCRIPTION	APPOINTMENT OF A SERVICE PROVIDER FOR A DETAILED FLOOD RISK AND VULNERABILITY ASSESSMENT OF MSUNDUZI MUNICIPALITY				
THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM					

BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX AT:

THE FOYER, GROUND FLOOR, CITY HALL					
169 CHIEF ALBERT LUTHULI STREET (FORMERLY COMMERCIAL ROAD)					
PIETERMARITZBURG					
3201					
SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
TAX COMPLIANCE STATUS	TCS PIN:				
CSD REGISTRATION No:	MAAA				

ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER PART B:3]
TOTAL NUMBER OF ITEMS OFFERED		TOTAL BID PRICE	R
SIGNATURE OF BIDDER		DATE	
CAPACITY UNDER WHICH THIS BID IS SIGNED			
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:		TECHNICAL INFORMATION MAY BE DIRECTED TO:	
DEPARTMENT	SCM UNIT	CONTACT PERSON	Thandolwethu Hlela
CONTACT PERSON	VINESH GOVENDER	TELEPHONE NUMBER	033 392 3243
TELEPHONE NUMBER	033 – 392 2027	CELLPHONE NUMBER	
FACSIMILE NUMBER		E-MAIL ADDRESS	SEE BELOW
E-MAIL ADDRESS	vinesh.govender@msunduzi.gov.za	Thandolwethu.Hlela@msunduzi.gov.za	

PART B

1. BID SUBMISSION:	
1.1.	BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
1.2.	ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED– (NOT TO BE RE-TYPED) OR SUBMITTED ONLINE
1.3.	THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
2. TAX COMPLIANCE REQUIREMENTS	
2.1	BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
2.2	BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.
2.3	APPLICATION FOR THE TAX COMPLIANCE STATUS (TCS) CERTIFICATE OR PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA.
2.4	FOREIGN SUPPLIERS MUST COMPLETE THE PRE-AWARD QUESTIONNAIRE IN PART B:3.
2.5	BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
2.6	IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
2.7	WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS	
3.1.	IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? <input type="checkbox"/> YES <input type="checkbox"/> NO
3.2.	DOES THE ENTITY HAVE A BRANCH IN THE RSA? <input type="checkbox"/> YES <input type="checkbox"/> NO
3.3.	DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? <input type="checkbox"/> YES <input type="checkbox"/> NO
3.4.	DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? <input type="checkbox"/> YES <input type="checkbox"/> NO
3.5.	IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION? <input type="checkbox"/> YES <input type="checkbox"/> NO
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.	

NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID. NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE.

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:

DATE:

THE MSUNDUZI MUNICIPALITY

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**APPOINTMENT OF AN ENVIRONMENTAL CONSULTANT TO UNDERTAKE THE DETAILED
FLOOD RISK AND VULNERABILITY ASSESSMENT OF MSUNDUZI MUNICIPALITY**

DATA SHEET 2: AUTHORITY TO SIGN DOCUMENT

I/We*, the undersigned, am/are* duly authorised to sign the tender document on behalf of

.....

by virtue of the Articles of Association/Resolution of the Board of Directors*, of which a certified

copy is attached, or

Full Name of Signatory:

Capacity of Signatory:

Signature:

Date:

Witnesses:-

(1) Full Name:

Signature:Date.....

(2) Full Name:

Signature:Date.....

* ***Delete whichever is inapplicable or complete as indicated if none are applicable.***

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DATA SHEET 3: STATEMENT OF PREVIOUS EXPERIENCE

The nomination of works, preferably of a similar nature to the works in this contract and which the Service Provider has successfully completed, is invited for adjudication purposes.

Service Providers are hereby required to complete the schedule below in its entirety.

Alternatively, Service Providers without experience may submit statements from a person or persons or organisation as to their abilities and standing in support of their tender, for adjudication purposes.

Failure to comply with either of these requirements shall lead to disqualification.

Name of Company	Contact Person	Contact No.	Nature of Works	Value of Works and Duration

SIGNATURE..... DATE.....

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DATA SHEET 4: SCHEDULE OF RESOURCES

Service Providers are required to submit details of their management, office and supervisory resources, training programmes, yard and office facilities, full-time work-force including trainees, and plant and equipment.

SIGNATURE..... DATE.....

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DATA SHEET 5: DECLARATION OF MUNICIPAL FEES

I/We do hereby declare that the Municipal Fees of *(Full Name of Tenderer)*

Is/are, as at the date of the tender closing, fully paid up, or arrangements have been concluded with the Municipality to pay the said Fees:-

<u>DESCRIPTION</u>	<u>ACCOUNT No.</u>
Electricity	_____
Water	_____
Rates	_____

(Attach a copy of the current Utility Bill)

I/We acknowledge that should it be found that the Municipal Fees are not up to date, the Council may take such remedial action as it required, including termination of contract, and any income due to the Contractor shall be utilised to offset any monies due to the Council.

NB: If the Contractor is leasing the premises, a copy of the Lease Agreement must be submitted for adjudication purposes.

Full Name of Signatory.....

Capacity of Signatory.....

I.D. Number.....

Duly authorised to sign on behalf of.....

.....

Physical Address.....

.....

.....

Signature Date

THE MSUNDUZI MUNICIPALITY

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DATA SHEET 6: DECLARATION OF INTEREST

1. No bid will be accepted from persons in the service of the state¹.
2. Any person, having a kinship with persons in the service of the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid. In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons connected with or related to persons in service of the state, it is required that the bidder or their authorised representative declare their position in relation to the evaluating/adjudicating authority.
3. **In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.**

3.1 Full Name of bidder or his or her representative:

3.2 Identity Number:

3.3 Position occupied in the Company (director, trustee shareholder²):
.....

3.4 Company Registration Number:

3.5 Tax Reference Number:

3.6 VAT Registration Number:

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

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

3.8.1 If yes, furnish particulars.
.....

¹MSCM 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.

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

3.9 Have you been in the service of the state for the past twelve months? **YES / NO**

3.9.1 If yes, furnish particulars
.....

3.10 Do you have any relationship (family, friend, other) with persons in the service of the state and who may be involved with the evaluation and or adjudication of this bid? **YES / NO**

3.10.1 If yes, furnish particulars
.....

3.11 Are you, aware of any relationship (family, friend, other) between any other bidder and any persons in the service of the state who may be involved with the evaluation and or adjudication of this bid? **YES / NO**

3.11.1 If yes, furnish particulars
.....

3.12 Are any of the company’s directors, trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**

3.12.1 If yes, furnish particulars
.....

3.13 Are any spouse, child or parent of the company’s directors trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**

3.13.1 If yes, furnish particulars
.....

3.14 Do you or any of the directors, trustees, managers, principle shareholders, or stakeholders of this company have any interest in any other related companies or business whether or not they are bidding for this contract? **YES / NO**

3.14.1 If yes, furnish particulars:
.....
.....

4. Full details of Directors / Trustees / Members / Shareholders.

Full Name	Identity Number	State Employee Number

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

THE MSUNDUZI MUNICIPALITY

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**DATA SHEET 7: 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>audi alteram partem</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 <input type="checkbox"/>	No <input type="checkbox"/>
4.1.1	If so, furnish particulars:		
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 <input type="checkbox"/>	No <input type="checkbox"/>

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 <input type="checkbox"/>	No <input type="checkbox"/>
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 <input type="checkbox"/>	No <input type="checkbox"/>
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 <input type="checkbox"/>	No <input type="checkbox"/>
4.7.1	If so, 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

THE MSUNDUZI MUNICIPALITY

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DATA SHEET 8: CERTIFICATE 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* prohibited 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.

CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

(Bid Number and Description)

in response to the invitation for the bid made by:

(Name of Municipality / Municipal Entity)

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

THE MSUNDUZI MUNICIPALITY

CONTRACT No. SCM 18 OF 23/24

**APPOINTMENT OF AN ENVIRONMENTAL CONSULTANT TO UNDERTAKE THE DETAILED
FLOOD RISK AND VULNERABILITY ASSESSMENT OF MSUNDUZI MUNICIPALITY**

**DATA SHEET 9: 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:

* Delete if not applicable

1. Are you by law required to prepare annual financial statements for auditing?

***YES / NO**

1.1 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.

.....
.....

2. 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**

2.1 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.

2.2 If yes, provide particulars.

.....
.....

3. 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**

3.1 If yes, furnish particulars

.....
.....

4. 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**

4.1 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

THE MSUNDUZI MUNICIPALITY

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TENDER FORM

The City Manager
City Hall
PIETERMARITZBURG
3201

Dear Sir

Having examined the Specifications, Conditions of Contract, Tender and Legislation of the above contract, I/we offer to supply and deliver the whole of the said Works in conformity with the Specifications, Conditions of Contract, Tender and Legislation, save as amended by the modifications set out in Annexure 'A' attached hereto, for the rate/s as set out in the price schedule.

In the event of there being any errors of extension or addition in the priced Schedule of Quantities, I/we agree to their being corrected, the rates being taken as correct.

I / We are registered VAT vendors and the amount/rate indicated on the Price Schedule EXCLUDES VAT.

I/We undertake to complete and deliver the whole of the Works comprised in the Contract within the time stated.

I/We confirm that I am/We are fully acquainted with the current South African laws and regulations applicable to this contract including inter alia those laws to which my/our attention has been drawn in the Legislation Section of this document.

I/We are formally associated by written agreement with the following firms, corporations or companies: -

(enter Nil if no affiliations)

I/We are fully paid up members in good standing of the following organisation(s): -

(enter Nil if no affiliations)

My/Our VAT vendor registration number is: - _____

My/Our tender fee receipt number as issued by the Council is: _____

I/We bank at the branch of _____

where I/we have a _____ account.

It is agreed and understood that should there be any changes on the banking details provided for the entity, a duly signed resolution by all its directors and minutes whereby a resolution for changing the banking details was passed will be submitted to Council including the original letter from the bank confirming the details.

It is agreed and understood that this tender is valid for four (4) months from the date hereof and that it, together with your final letter of acceptance, shall constitute a binding Contract between us.

I/We understand that the Council is not bound to accept the lowest or any tender and acknowledge that the Head: Supply Chain Management may, if in her absolute discretion good and sufficient grounds are brought to her attention in writing within five (5) working days from the date hereof, decline to consider my/our offer.

I/we the Undersigned, Warrants That I Am/ We Are Duly Authorised to Do So on Behalf of the Enterprise, Certifies That the Enterprise Complies with All Statutory and Municipal Requirements and That the Information Supplied in Terms of this Documents with Additional Information is Correct and Accurate and Acknowledges That if the information supplied is found to be incorrect then the Msunduzi Municipality in addition to any remedies, it may have: may

- i Recover from the Enterprise all costs, losses or damages incurred or sustained by the Municipality as result of the award of the contract, and /or
- ii Cancel the contract and claim any damages which the Municipality may suffer by having to make less favourable arrangements after such cancellations, and/or
- iii Impose a penalty on the Enterprise as provided in the Tender Document, and/or
- iv Take any other action as may be deemed necessary.

I/we further undertake to submit documentary proof regarding any tendering issue to the Council when so required.

Full Name of Signatory.....

Capacity of Signatory.....

I.D. Number.....

Duly Authorised to sign on behalf of: -

Physical Address.....

.....

SIGNATURE.....DATE.....

THE MSUNDUZI MUNICIPALITY

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ALTERATIONS BY SERVICE PROVIDER

Should the Tenderer desire to make any departures from or modifications to the Standard Conditions of Contract or Specification, or to qualify his/her tender in any way, he/she shall set out his/her proposals clearly hereunder or, alternatively, state them in a covering letter attached to his/her tender and referred to hereunder, failing which the tender will be deemed to be unqualified.

If no departures or modifications are desired, the Schedule hereunder is to be marked NIL and signed by the Tenderer.

PAGE	SECTION OR ITEM	PROPOSED DEPARTURE/MODIFICATION

SIGNATURE..... DATE.....

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**APPOINTMENT OF AN ENVIRONMENTAL CONSULTANT TO UNDERTAKE THE DETAILED
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OCCUPATIONAL HEALTH AND SAFETY ACT (ACT No. 85 OF 1993)

SECTION 37(1)

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

- (a) in doing or omitting to do the act the employee was acting without connivance or permission of the employer or any such user;*
- (b) it was not under any condition or in any circumstance within the scope of the authority of the employee to do or omit to do an act, whether lawful or unlawful, of the character of the act or omission charged; and*
- (c) all reasonable steps were taken by the employer or any such user to prevent any act or omission of the kind in question,*

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

SECTION 37(2)

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

ACCEPTANCE BY MANDATORY

In terms of the provisions of Section 37(2) of the Occupational Health and Safety Act 85 of 1993,

I, _____
(Name of PRINCIPAL CONTRACTOR / Representative) acting for and on behalf of _____ (Name of PRINCIPAL CONTRACTOR / Company) undertake to ensure that the requirements and provisions of the Health and Safety Specifications issued by the client at the following site: _____ (Name of Site) are complied with in the following manner:

- To produce, review, monitor and enforce a Health and Safety Plan which has been approved by the Client, an Agent for the Client or a Principal Contractor;
- To include a risk assessment in the Health and Safety Plan which identifies all hazards pertaining to the project;
- To ensure that all relevant documentation required by the Occupational Health and Safety Act and Regulations, including the Construction Regulations, the Compensation for Occupational Injuries and Diseases Act as well as any other statutory laws as amended from time to time is available on site in the health and safety file;
- Enforce precautionary measures stipulated in the risk assessments.

The person signing this agreement confirms that he/she has the authority to so sign and to bind his/her employer, the said Contractor.

Signature: _____ Date: _____

(on behalf of PRINCIPAL CONTRACTOR)

Signature: _____ Date: _____

(CLIENT- Msunduzi Municipality)

Print Name: _____

(Name of CLIENT Representative)

THE MSUNDUZI MUNICIPALITY

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

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

NB: BEFORE COMPLETING THIS FORM, BIDDERS 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 all bids:

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

1.2 The value of this bid is estimated to not exceed R50 000 000 (all applicable taxes included) and therefore the 80/20 Preference Point System shall be applicable.

1.3 Points for this bid shall be awarded for:

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

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

	POINTS
PRICE	80
SPECIFIC GOALS	20
Total points for Price and Specific Goals must not exceed	100

1.5 Failure on the part of a bidder to submit proof or documentation required in terms of this tender to claim points for specific goals, if the bidder 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.

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

2. DEFINITIONS

- (a) **“Broad-Based Black Economic Empowerment Act”** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (b) **“EME”** means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (c) **“Functionality”** means the ability of a Service Provider to provide goods or services in accordance with specifications as set out in the tender documents.
- (d) **“highest acceptable tender”** means a tender that complies with all specifications and conditions of tender and that has the highest price compared to other tenders;
- (e) **“lowest acceptable tender”** means a tender that complies with all specifications and conditions of tender and that has lowest price compared to other tenders;
- (f) **“price”** means amount of money tendered for good or services, and includes all applicable taxes less all unconditional discounts;
- (g) **“QSE”** means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (h) **“Rand Value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation;
- (i) **“specific goals”** means specific goals as contemplated in section 2(1)(d) of the Act which may include contracting with persons, or categories of persons, historically disadvantaged by unfair discrimination on the basis of race, gender and disability including the implementation of programmes of the Reconstruction and Development Programme as published in Government Gazette No. 16085 dated 23 November 1994;
- (j) **“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;
- (k) **“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;

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:

$$\begin{array}{ccc} \mathbf{80/20} & \mathbf{or} & \mathbf{90/10} \\ P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right) & \text{or} & P_s = 90 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right) \end{array}$$

Where: -

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

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:

$$\begin{array}{ccc} \mathbf{80/20} & \mathbf{or} & \mathbf{90/10} \\ P_s = 80 \left(1 + \frac{P_t - P_{\max}}{P_{\max}} \right) & \text{or} & P_s = 90 \left(1 + \frac{P_t - P_{\max}}{P_{\max}} \right) \end{array}$$

Where: -

- Ps = Points scored for price of bid under consideration
- Pt = Price of bid 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.
- 4.2 For the purpose of this tender points will be allocated in accordance with the specific goals as outlined in the Tender Document specification contained herein and must be supported by proof /documentation as stated therein.
- 4.3 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.

5. SUB-CONTRACTING

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

(Tick applicable box)

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

5.1.1 If yes, indicate:

i) What percentage of the contract will be subcontracted.....%?

ii) The name of the sub-contractor.....

iii) Whether the sub-contractor is an EME or QSE

(Tick applicable

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

box)

iv) Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations,2022:

Designated Group: An EME or QSE which is at last 51% owned by:	EME √	QSE √
Black people		
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Co-operative owned by black people		
Black people who are military veterans		
OR		
Msunduzi EME		
Msunduzi Manufacturing Enterprise		
Location of a Business Enterprise		

6. DECLARATION WITH REGARD TO COMPANY/FIRM

6.1 Name of company/firm.....

6.2 VAT registration number.....

6.3 Company registration number.....

6.4 TYPE OF COMPANY/ FIRM

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

[TICK APPLICABLE BOX]

6.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

.....

.....

.....

6.6 COMPANY CLASSIFICATION

[TICK APPLICABLE BOX]

- Manufacturer
- Supplier
- Professional Service Provider
- Other Service Providers, e.g. transporter, etc.

6.7 MUNICIPAL INFORMATION

Municipality where business is situated.....

Registered Account Number:

Stand Number:

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

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

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 5.2, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser 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 purchaser may, in addition to any other remedy it may have –
 - (a) disqualify the person from the bidding process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person’s conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution.

WITNESSES: 1.....2.....

SIGNATURE(S) OF BIDDER(S)..... DATE:

ADDRESS:
.....

THE MSUNDUZI MUNICIPALITY

CONTRACT No. SCM 18 OF 23/24

APPOINTMENT OF AN ENVIRONMENTAL CONSULTANT TO UNDERTAKE THE DETAILED
FLOOD RISK AND VULNERABILITY ASSESSMENT OF MSUNDUZI MUNICIPALITY

TAX CLEARANCE CERTIFICATE

Tenderers are required to attach hereto a Valid Tax Clearance Certificate and a Tax Compliance Status Verification Pin issued by SARS as required in terms of Regulation 16 of the Preferential Procurement Regulations, 2001 for adjudication purposes.

THE MSUNDUZI MUNICIPALITY

CONTRACT No. SCM 18 OF 23/24

APPOINTMENT OF AN ENVIRONMENTAL CONSULTANT TO UNDERTAKE THE DETAILED
FLOOD RISK AND VULNERABILITY ASSESSMENT OF MSUNDUZI MUNICIPALITY

CIPC REGISTRATION CERTIFICATE

Tenderers are required to attach hereto proof of registration with the Companies and Intellectual Property Commission (CIPC) for adjudication purposes.

THE MSUNDUZI MUNICIPALITY

CONTRACT No. SCM 18 OF 23/24

APPOINTMENT OF AN ENVIRONMENTAL CONSULTANT TO UNDERTAKE THE DETAILED
FLOOD RISK AND VULNERABILITY ASSESSMENT OF MSUNDUZI MUNICIPALITY

CENTRAL SUPPLIER DATABASE (CSD)
REGISTRATION REPORT

Tenderers are required to attach hereto proof of registration with the Central Supplier Database (CSD).

A full Report is required for adjudication purposes.

THE MSUNDUZI MUNICIPALITY

CONTRACT No. SCM 18 OF 23/24

APPOINTMENT OF AN ENVIRONMENTAL CONSULTANT TO UNDERTAKE THE DETAILED
FLOOD RISK AND VULNERABILITY ASSESSMENT OF MSUNDUZI MUNICIPALITY

COMPACT DISC (CD) OR USB-FLASH DRIVE

Tenderers are required to attach hereto a scanned copy of the completed tender document on either a Compact Disc (CD) or USB-Flash Drive for adjudication purposes.

The Compact Disc (CD) or USB-Flash Drive must be submitted in a sealed envelope and attached hereto.

SIGNED ON BEHALF OF THE SERVICE PROVIDER:

Name of Service Provider

Name of Signatory:

Capacity of Signatory:

Signature Date

All literature and attachments submitted must be securely attached to the tender. The Council shall not be held liable for any loss or damages sustained due to the Service Provider's failure to comply with this condition.