

RFQ2026-OPS-044

**ELECTRICAL TRANSFORMER OIL SAMPLING, ANALYSIS OF OIL SAMPLES,
INSPECTION AND REPORT FOR THE TRANSFORMERS AT THE NGAGANE
WATER PURIFICATION PLANT**

1. Introduction

As a bulk water supplier, it is the intention of uThukela Water to request quotations from suitable suppliers for the oil sampling and analysis, inspection and report for the electrical transformers at the Ngagane Water Purification Plant.

2. Background

The Ngagane Water Purification Plant is situated approximately 11km's from Newcastle, KZN. Raw water is processed and purified at the water plant, potable water is thereafter pumped to various supply reservoirs. As the water service provider, UTW is responsible for the maintaining of the Ngagane water plant, pump stations and bulk water pipelines.

3. Requirements

To carry out transformer oil sampling and analysis thereof, inspection of transformers and provide a report for the electrical transformers that are located at the Ngagane Water Purification Plant.

SCOPE OF SUPPLY:

1. Issue a quotation for the oil sampling, analysis of samples and provide a comprehensive transformer oil sampling & inspection report for seven (7) off electrical transformers at the Ngagane water purification plant.
2. Perform a Preliminary site inspection (PSI) of Key transformer details, environment and operating conditions are recorded.
3. Oil sample is to be drawn from the transformers. Strict sampling protocols are to be followed to avoid contamination.

The oil samples taken, are to be sent to an **independent accredited laboratory**, where the following tests are conducted:

4. **Dielectric Strength (kV Test):** Measures the insulating strength of the oil.
5. **Moisture Content (ppm):** Identifies water contamination that reduces insulation and accelerates aging.
6. **Acid Number (mg KOH/g):** Detects oxidation by-products that corrode windings and paper.
7. **Furan Analysis (Degree of Polymerization):** Determines paper insulation degradation and predicts transformer life expectancy.
8. **PCB Test (Polychlorinated Biphenyls):** Ensures environmental compliance and safety.

9. Dissolved Gas Analysis (DGA): Detects and quantifies gases formed by electrical/thermal faults (partial discharge, overheating, arcing). 10. A comprehensive Transformer Oil Sampling & Inspection Report is to be provided to uThukela Water. The report is to include: 10.1 Laboratory test results 10.2 Transformer health condition 10.3 Test result interpretation 10.4 Risk category 10.5 Recommendations and corrective actions 10.6 A detailed scope of work with an associated quotation Notes: 1. Quotation is to include all costs, transportation, accommodation and labour. 2. A program including timeframes to carry out the scope of work is to be supplied with the quotation. 3. Suitable dates for the carrying out of the oil sampling and inspection of the transformers will be confirmed by uThukela Water. 4. A compulsory site clarification meeting will be held at the Ngagane Water Purification Plant.	
4. Preference points system and specific goals Bids will be adjudicated in terms of the Preferential Procurement Regulations, 2022 pertaining to Preferential Procurement Policy Framework Act, 5/2000 and other application legislations. Preference points will be awarded to service providers using Specific Goals claimed on MBD 6.1 (points will be not be allocated for unclaimed points) The municipal Entity reserves a right to accept all, some or none of the bids submitted, either wholly or in part and is not obliged to accept the lowest bid.	
5. Compulsory Site Clarification meeting Date : 18 February 2026 Place: Ngagane Water Purification Plant Time : 10:00 A M Failure to attend the site clarification meeting will disqualify the service provider	

6. Contacts:

SCM queries: Ms Z Mhlongo 034 328 5000 or Zamantugwa.Mhlongo@uthukelawater.co.za

- Technical queries: Mr.L. Sekhoto, contact no. (071 604 9209) or Mr.S. Mbuthuma contact no. (082 774 9601)

7. Closing Day: 25 February 2026

8. Submission of the quotation

Quotes in plain sealed envelope, endorsed RFQ number should be placed place in the bid box provided by uThukela Water at 79 Harding Street Newcastle 2940 before 4pm or email to quotes@uthukelawater.co.za before end of business day.

9. Important information

Service provider are required to complete the following forms below failure to do so will renders the submission invalid.

MBD4

MBD 6

MBD9

The MDB forms are part of this RFQ , Please see below

Pleased submit BBBEE Certificate or CSD summary report to claim points.

Name of the service provider	
Central Database number	
Company registration number	

DECLARATION OF INTREST
MBD 4

1. No bid will be accepted from persons in the service of the state
 2. Any person, having a kinship with person in the service of the state, including a blood relationship, may make an offer or offers of this invitation of bid. In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to person connected with or related to person 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 and/or take an oath declaring his/her interest.

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

3.1 Full
Name _____

3.2 Identity
Number _____

3.3 Company Registration Number:

3.4 Tax Reference
Number _____

3.5 Vat Registration
Number _____

Item	Question	Yes	No
3.6	Are you presently in the service of the state?		
3.6.1	If so, furnish particulars		
3.7	Have you been in the service of the state of the past twelve months?		
3.7.1	If so, furnish particulars		
3.8	Do you, have any relationship (family, friend, other) with person in the service of the state and who may be involved with the evaluation and or adjudication of this bid?		
3.8.1	If so, furnish particulars		

3.9	Are you, aware of any relationship (family, friend, other) between a bidder and any person in the service of the state who may be involved with the evaluation and or adjudication of this bid		
3.9.1	If so, furnish particulars		
3.10	Are any of the company's directors, managers, principal shareholders or stakeholders in service of the state?		
3.10.1	If so, furnish particulars		
3.11	Are any spouse, child or parent of the company's directors, managers, principal shareholders in service of the state?		
3.11.1	If so, furnish particulars		

CERTIFICATION

I, THE UNDERSIGNED (NAME) _____
 (DIRECTOR /SHAREHOLDER MEMBER/TRUSTEE)

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

 Capacity

 Date

 Name

MBD6.1 PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

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

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

1. GENERAL CONDITIONS

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

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

1.2 To be completed by the organ of state

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

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

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

1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

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

- 1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed
- 1.6 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

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

“price” means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;

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

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

(c) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

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

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

80/20

or

90/10

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

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

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

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

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

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Locality : UThukela Water Jurisdiction	10	
KwaZulu Natal Province	5	
Outside KZN	0	
100 % Black owned	5	
Women	5	

MBD 9: 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 *pe se* prohibition meaning that it cannot be justified under any grounds.
3. Municipal Supply Regulation 38 (1) prescribes that a supply chain management policy must provide measures for the combating of abuse of the supply chain management system, and must enable the accounting officer, among others, to:
 - a. take all reasonable steps to prevent such abuse;
 - b. reject the bid of any bidder if that bidder or any of its directors has abused the supply chain management system of the municipality or municipal entity or has committed any improper conduct in relation to such system; and
 - c. cancel a contract awarded to a person if the person committed any corrupt or fraudulent act during the bidding process or the execution of the contract.
- 4 This MBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
- 5 In order to give effect to the above, the attached Certificate of Bid Determination (MBD 9) must be completed and submitted with

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.
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

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

Name of the Bidder	Date	Signature
Capacity		