



UMKHANYAKUDE DISTRICT MUNICIPALITY

**APPOINTMENT OF SERVICE PROVIDER FOR MANAGEMENT,
OPERATION & MAINTENANCE OF WATER AND WASTE WATER
TREATMENT FACILITIES AND ASSOCIATED BULK DISTRIBUTION
INFRASTRUCTURE (36 MONTHS)**

BID No:

SCMU 006/2026/2027

BID DESCRIPTION:	APPOINTMENT OF SERVICE PROVIDER FOR MANAGEMENT, OPERATION & MAINTENANCE OF WATER AND WASTE WATER TREATMENT FACILITIES AND ASSOCIATED BULK DISTRIBUTION INFRASTRUCTURE (36 MONTHS)
TOTAL BID AMOUNT:	
AMOUNT IN WORDS	
CLOSING DATE:	12h00 Midday, Monday, 05 October 2026
NAME OF BIDDER:	
CONTACT PERSON:	
STREET ADDRESS	
TEL:	CELL:
.....	
FAX:	E-MAIL:
.....	

PREPARED FOR:

UMkhanyakude District
Municipality
13433 Kingfisher Avenue
Mkuze

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T1: TENDERING PROCEDURE

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T1.1 TENDER NOTICE AND INVITATION TO TENDER

TENDER NOTICE

The **UMKHANYAKUDE DISTRICT MUNICIPALITY**
hereby invites tenders for:

Tender Ref. No	Tender Name & Details	CIDB Grading Requirement
SCMU 006/2026/2027	APPOINTMENT OF SERVICE PROVIDER FOR MANAGEMENT, OPERATION & MAINTENANCE OF WATER AND WASTEWATER TREATMENT FACILITIES AND ASSOCIATED BULK DISTRIBUTION INFRASTRUCTURE The scope of works comprises a three (03) year contract for the Management, Operation & Maintenance of Water And Wastewater Treatment Facilities And Associated Bulk Distribution Infrastructure	7ME or HIGHER

Tenders are hereby invited from experienced and suitably qualified contractors for the Management, Operation & Maintenance of Water And Wastewater Treatment Facilities And Associated Bulk Distribution Infrastructure

It is estimated that tenderers should have a CIDB contractor grading of 7ME or higher. Only tenderers who are registered with the CIDB, or are capable of being registered prior to the closing date of the tender, in a contractor grading of 7ME or higher, will be eligible to tender. Joint ventures or potentially emerging enterprises that satisfy the criteria stated in the tender data are eligible to tender

To be eligible for evaluation, tenderers must achieve a minimum Quality Score of 70%, assessed in terms of objective criteria for experience, financial resources, key personnel, quality assurance and previous performance or experience.

A Compulsory Briefing Meeting will be held at **11h00am on 11th of September 2026**. Prospective tenderers shall meet at **UMKHANYAKUDE DISTRICT MUNICIPALITY** main office, Harlingen No. 13433, Kingfisher Road, Mkuze, 3965, Kwa Zulu Natal. Prospective Contractors are required to bring their copies of the tender documents to the compulsory briefing for signing. No documents will be distributed at the tender briefing meeting. Failure to obtain a Tender Specification Document or non attendance of the compulsory briefing will result in the disqualification of your tender

Queries relating to the technical issues of these documents may be addressed to Mr.S.J. Khumalo Telephone:- 035 573 8600; Email: sizwe.abs@gmail.com. For administrative queries, contact Supply Chain Management:Manager, Mr S.B. Buthelezi Telephone:- 035 573 8600; Email: scm@ukdm.gov.za.

The closing time for receipt of tenders **is at 12h00 on 05 October 2026**. Only tenders deposited into the official tender box by the closing time and date will be accepted. Tenders **together with USB** (with the scanned completed tender document), completed as prescribed, shall be sealed in an envelope marked "Tender No. **SCMU 006/2026/2027**" and deposited in the official tender box in the foyer of Harlinger No.13433, Kingfisher Road, Mkuze, KwaZulu Natal. The Municipality will not be held responsible for any tenders delivered by courier services.

Tenders will be evaluated and adjudicated in terms of the uMkhanyakude District Municipality's Supply Chain Management Policy and the 90/10 preference point scoring system, with 90 points for price and 10 points for Specific Goals for tenders of value above R50 million. uMkhanyakude District Municipality subscribes to the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000) and its regulations, 2022.

EVALUATION CRITERIA

To be eligible for evaluation, tenderers must achieve a minimum Quality Score of seventy 70% on the following:

ITEM No	CRITERIA	Weight %
1	Company Experience	15%
2	Bank Rating	10%
3	Experience of Key Personnel	15%
4	Quality Assurance	10%
5	Performance on Previous Contracts	
5.1	Improved Blue Drop quality score <i>[minimum 15 % score improvement recorded within the last five (05) years]</i>	25%
5.2	Improved Green Drop quality score <i>[minimum 15 % score improvement recorded within the last five (05) years]</i>	25%
	TOTAL	100%

PREFERENCE POINT SYSTEM			
ITEM No	CRITERIA	Weight %	Requirements to claim points
1	Price	90	
2	Specific Goals	10	
2.1	Enterprise owned by Black People ≥ 51%	2	Certified ID Copies / CSD Full Report / Shareholder certificate
2.2	Enterprise owned by Women ≥ 51%	2	Certified ID Copies / CSD Full Report / Shareholder certificate
2.3	Enterprise owned by Youth	2	Certified ID Copies / CSD Full Report / Shareholder certificate
2.4	Enterprise owned by Disabled Person	2	Medical Certificate
2.5	Enterprise owned by SMMEs – QSE and EME	2	CSD Full report / Proof of municipal accounts / affidavit / proof of residence signed by ward councilor (for those residing in rural areas) / lease agreement

uMkhanyakude District Municipality does not bind itself to accept the lowest or any of the tenders and reserves the right to accept the whole or any part of the tender.

DR. N.J. SIBEKO
MUNICIPAL MANAGER
UMKHANYAKUDE DISTRICT MUNICIPALITY

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

PART A

MBD 1

INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE UMKHANYAKUDE DISTRICT MUNICIPALITY					
BID NUMBER:	SCMU 006/2026/2027	CLOSING DATE:	05 October 2026	CLOSING TIME:	12H00 midday
DESCRIPTION	Appointment Of Service Provider For Management, Operation & Maintenance of Water And Wastewater Treatment Facilities And sociated Bulk Distribution Infrastructure				
THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (MBD7).					
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS UMKHANYAKUDE DISTRICT MUNICIPALITY Harlingen No. 13433, Kingfisher Road					
P.O Box 449,					
Mkuze, KZN,					
3965					
Telephone N°: (035) 573 8600					
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:		OR	CSD No:	
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES OFFERED?	☐ Yes ☐ No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES OFFERED?		☐ Yes ☐ 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	Finance		CONTACT PERSON	Mr S.J KHUMALO	
CONTACT PERSON	Mr S.B. Buthelezi		TELEPHONE NUMBER	(035) 573 8600	
TELEPHONE NUMBER	(035) 573 8600		FACSIMILE NUMBER	(035)55731094	
FACSIMILE NUMBER	(035)55731094		E-MAIL ADDRESS	sizwe.abs@gmail.com.	
E-MAIL ADDRESS	siya@ukdm.gov.za				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

PART B
TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:
1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION. 1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED (NOT TO BE RE-TYPED) OR ONLINE 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS 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)? ☐ YES ☐ NO 3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA? ☐ YES ☐ NO 3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? ☐ YES ☐ NO 3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? ☐ YES ☐ NO 3.5. IS THE ENTITY LIABLE IN THE RSAM FOR ANY FORM OF TAXATION? ☐ YES ☐ NO IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.

**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:

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T1.2 TENDER DATA (INCLUDING SPECIAL CONDITIONS OF TENDER)

The Conditions of Tender applicable to this contract are the Standard Conditions of Tender as contained in Annexure F of the CIDB Standard for Uniformity in Construction Procurement, and as **Annexure F** of the CIDB Standardized Construction Procurement Documents for Engineering and Construction Works (28 May 2010). This document is obtainable separately.

The Standard Conditions of Tender make several references to the Tender Data for details that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the Standard Conditions of Tender.

Each item of data given below is cross-referenced to the clause in the Standard Conditions of Tender to which it mainly applies.

Clause number	Tender Data
	F.1.1 Actions
F.1.1	The Employer is Umkhanyakude District Municipality
	F.1.2 Tender Documents
F.1.2	The Tender Documents issued by the Employer comprise the following documents: VOLUME 1 – Tendering Procedures and Returnable Documents Part T1: Tendering procedures Part T2: Returnable documents Part C1: Agreements and Contract data Part C2: Pricing data Part C3: Scope of work Part C4: Site information
	F.1.4 Communication and Employer's agent
F.1.4	The Employer's agent is : N/A
	F.1.5 The Employer's right to accept or reject any tender offer
F.1.5.2	The minimum period will be one hundred and twenty (120) days
	F.2.1 Eligibility
F.2.1	Umkhanyakude District Municipality will only consider submissions from tenderers who satisfy the following criteria:

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	a) Only those Tenderers who are registered with the CIDB in a contractor grading designation equal to or higher than 7ME determined in accordance with Regulations 25 (1B) or 25 (7A) of the Construction Industry Development Regulations, for a ME class of construction work, are eligible to have their tenders evaluated b) Joint ventures are eligible to submit tenders provided that: i) every member of the joint venture is registered with the CIDB ii) the lead partner has a contractor grading designation in the ME class of construction work. iii) the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than the contractor grading designation required iv) a valid Joint Venture Agreement is included with the tender, which shall be based on the CIDB Sample JV Agreement and shall include a clause to the effect that when the JV is dissolved the Lead Partner will remain liable in terms of the Contract including responsibility for latent defects and that this liability will continue for 10 years after completion of the Contract v) the Lead Partner shall be nominated in the returnable documents and accepts all liability in terms of the Contract c) Only those tenderers who demonstrate by providing evidence that they have in their employ management and supervisory staff satisfying the requirements of the scope of work for supervisory and management staff are eligible to submit tenders. d) the Tenderer or any of its directors/shareholders is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector; e) the Tenderer has not: i) abused the Employer's Supply Chain Management System; or ii) failed to perform on any previous contract and has been given a written notice to this effect; f) the Tenderer has completed and signed the Declaration of Interest and there are no conflicts of interest which may impact on the Tenderer's ability to perform the contract in the best interests of the Employer or potentially compromise the tender process and persons in the employ of the state are permitted to submit tenders or participate in the contract; g) the Tenderer has completed and signed the Declaration of Independent Tender Determination and has arrived at the accompanying tender independently from, and without consultation, communication, agreement or arrangement with any competitor.
	F.2.7 Clarification meeting
F .2.7	There shall be a compulsory clarification briefing. The details for which are stated in the Tender Notice and Invitation to Tender.
	F.2.11 Alterations to Documents
F .2.11	A Tender offer shall not be considered if the document has been taken apart from the original binding. A Tender offer shall not be considered if alterations have been made to the offer or contract data (unless such alterations have been duly authenticated by the Tenderer) or if any particulars required therein have not been completed in all respects. The tender shall be completed in full in black ink. Use of correction fluid is not permitted, and the presence of correction fluid in the tender shall render the tender invalid.
	F.2.12 Alternative tender offers

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F .2.12	No alternative tender offers shall be considered.
	F.2.13 Submitting a tender offer
F.2.13.3	Parts of each tender offer communicated on paper shall be submitted as an original
F.2.13.5 and F.2.13.7	The Employer's details and address for delivery of tender offers are stated in T1.1 Tender Notice and Invitation to Tender. Identification details The identification details which must be stated in the tender offer outer package are: Tender Number Title of Tender Closing Date Closing Time Tenderer's Name Tenderer's Address Tenders issued in more than one volume shall be returned in the same manner and bound separately as per the tender volumes issued. The tender box is available to the public from Monday between 07h30 to 16h00. It is the Tenderers sole responsibility to ensure that tenders are placed in the tender box and only Tenders that have been placed in the tender box before the stipulated closing date and time shall be considered.
F .2.13.6	A two-envelope system is not applicable
	F.2.15 Closing time
F.2.15.1	The closing time for submission of tender offers is as stated in T.1.1 Tender Notice and Invitation to Tender .
	F.2.16 Tender offer validity
F.2.16.1	The tender offer validity period is one hundred and twenty (120) days from the closing date .
	F.2.17 Clarification of Tender Offer after Submission
F.2.17	Clarification of a Tender Offer in response to a request to do so from the Employer during the evaluation of Tender Offers must be provided within two working days of the Employer's request, failing which the Employer may regard the Tender Offer as being non-responsive. Arithmetical errors, omissions, discrepancies and imbalanced unit rates Check responsive tenders for discrepancies between amounts in words and amounts in figures. Where there is a discrepancy between the amounts in figures and the amount in words, the amount appearing in the summary to the Pricing Schedule shall govern. Check responsive tender offers for: a) the gross misplacement of the decimal point in any unit rate; b) omissions made in completing the pricing schedule or bills of quantities; or c) arithmetic errors in: i) line item totals resulting from the product of a unit rate and a quantity in bills of quantities or schedules of prices; or ii) the summation of the prices. d) imbalanced unit rates.

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	Notify shortlisted tenderers of all errors, omissions or imbalanced rates that are identified in their tender offers. Where the tenderer elects to confirm the errors, omissions or re-balancing of imbalanced rates the tender offer shall be corrected as follows: - If bills of quantities or pricing schedules apply and there is an error in the line item total resulting from the product of the unit rate and the quantity, the unit rate shall govern and the line item total shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line item total as quoted and the unit rate shall be corrected. - Where there is an error in the total of the prices either as a result of other corrections required by this checking process or in the tenderer's addition of prices, the total of the prices shall be corrected. - Where the unit rates are imbalanced adjust such rates by increasing or decreasing them and selected others while retaining the total of the prices derived after any other corrections made under (a) and (b) above. Where there is an omission of a line item, no correction is possible and the offer may be declared non-responsive. Declare as non-responsive and reject any offer from a tenderer who elects not to accept the corrections proposed and subject the tenderer to the sanction under 4.16.2 of SANS 10845-3 The tenderer is required to submit balanced unit rates for rate only items in the pricing schedule. The rates submitted for these items will be taken into account in the evaluation of tenders
	F.2.18
F.2.18	Provide, on request by the employer, any other material that has a bearing on the tender offer, the tenderer's commercial position (including notarized joint venture agreements), preferencing arrangements, or samples of materials, considered necessary by the employer for the purpose of a full and fair risk assessment. Should the tenderer not provide the material, or a satisfactory reason as to why it cannot be provided, by the time for submission stated in the employer's request, the employer may regard the tender offer as non-responsive
	F.2.19 Inspections, tests and analysis
F.2.19	Access shall be provided for inspections and testing by personnel acting on behalf of the Employer on request.
	F.2.20 Submit securities, bonds, policies, etc.
F.2.20	The Employer shall not award a contract to any tenderer that does not hold a valid liability insurance providing cover in an amount of not lower than a minimum of R 10 million in respect of each and every claim during the period of insurance. Proof of insurance must be submitted with the tender and appended to Returnable Schedules. The tenderer is required to submit with his tender a letter of intent from an approved insurer undertaking to provide the Performance Bond to the format included in Part T2.2 of this procurement document.
	F.2.23 Certificates
F.2.23	The Tenderer is required to submit with his tender:

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	1) A Tax Compliance Status letter (with pin) issued by the South African Revenue Services. 2) Central Supplier Database (CSD) Report 3) Proof of good standing in terms of the COID Act 4) Certificate of Independent Bid Determination 5) Valid construction sector BBBEE certificate 6) Company Registration Certificate														
	F.3.4 Opening of tender submissions														
F.3.4	Tenders shall be opened immediately after the closing time for tenders as stipulated in T1.1 Tender Notice and Invitation to Tender .														
	F3.8 Test for responsiveness														
F.3.8	The minimum qualifying Functionality Evaluation Score shall be Seventy (70) points														
	F.3.11 Evaluation of tender offers														
F.3.11.3 F.3.11.7 F.3.11.8	The procedure for the evaluation of responsive tenders is Method 2 (Financial Offer and Preference).														
F.3.11.9	The table below lists the returnable schedules that set out the scoring criteria and sub-criteria, and the percentage weighting for the score achieved against the relevant schedule: <table border="1"> <thead> <tr> <th>Criteria</th><th>Weight %</th></tr> </thead> <tbody> <tr> <td>Company Experience</td><td>15%</td></tr> <tr> <td>Bank Rating</td><td>10%</td></tr> <tr> <td>Experience of Key Personnel</td><td>15%</td></tr> <tr> <td>Quality Assurance</td><td>10%</td></tr> <tr> <td>Performance on Previous Similar Contracts</td><td>50%</td></tr> <tr> <td>TOTAL</td><td>100%</td></tr> </tbody> </table> <u>Failure to score a single point in any of the criteria listed above will deem the bid to be non-responsive and the bidder will be disqualified.</u> The score allocated by each Bid Evaluation Committee member for a tender shall be the sum of the scores relevant to each of the above listed returnable schedules multiplied by the percentage weighting for each as shown above.	Criteria	Weight %	Company Experience	15%	Bank Rating	10%	Experience of Key Personnel	15%	Quality Assurance	10%	Performance on Previous Similar Contracts	50%	TOTAL	100%
Criteria	Weight %														
Company Experience	15%														
Bank Rating	10%														
Experience of Key Personnel	15%														
Quality Assurance	10%														
Performance on Previous Similar Contracts	50%														
TOTAL	100%														
	F.3.17 Provide copies of the contracts														
F.3.17	The number of paper copies of the signed contract to be provided by the Employer is one(1).														

Contractor

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Witness 2

Employer

Witness 1

Witness 2

SECTION B**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. COMPULSORY TENDER BRIEFING MEETING

Will be held on the **11th of September 2026**, Friday at **11h00am**. Prospective tenderers shall meet at **UMKHANYAKUDE DISTRICT MUNICIPALITY** main office, Harlingen No. 13433, Kingfisher Road, Mkuze, 3965, Kwa Zulu Natal

3. SUBMISSION OF TENDERS

Tenders must be made out on the Tender Form annexed hereto. Tenderers 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.

Tenderers using Courier Companies or any other mode of transport to deliver their tender documents must ensure that the tender documents are delivered to the District Municipal Offices 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 number, must reach the District Municipal Offices, no 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 one hundred and twenty (120) days from the date of opening, except for the initial five (5) working days grace period after the close of tenders within which period a tenderer 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 Tenderer's failure to comply with this condition.

In the case of a Tenderer 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 Tenderer.

4. COMMUNICATION WITH MEMBERS OF THE COUNCIL OR COUNCIL EMPLOYEES

Without detracting from any prevailing law, no Tenderer 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 Tenderer 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 Tenderer; provided always that the Head: Supply Chain Management may, in exceptional circumstances, obtain additional information from a Tenderer to enable her to formulate her recommendation to Council.

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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 Tenderer.

Prospective Tenderers 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 Tenderer must apply directly for any import permits or currency needed. However, the Council will furnish the successful Tenderer 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

uMkhanyakude District Municipality will not award any tender to a supplier not registered as a prospective supplier on the CSD. Accordingly, negotiations for the tender award will only be concluded with the qualify tenderer(s) who is/are registered on the CSD.

In order for Council to verify your Company's registration with CSD, please provide the following information for verification purposes:

CSD Supplier Number	
Unique Registration Reference Number	

Failure to provide the above information shall render the tender to be disqualified.

7. **TAX CLEARANCE CERTIFICATE REQUIREMENTS**

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

Tenderers 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 will result in the invalidation and disqualification of the tender.

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Contractor

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Employer

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Witness 2

Further to the above, Tenderers are to note that the Tax Clearance Certificate must be valid for the full duration of the tender validity period i.e., three (3) 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 Tenderer to submit a further valid Tax Clearance Certificate. In this instance, the Tenderer shall be given seven (7) working days' written notice in which to comply. Should the Tenderer fail to comply with this request, the Council further reserves the right to make no award to the Tenderer and the Council shall not be held liable for any loss or damages sustained by the Tenderer.

If a tenderer has already submitted a 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 Tenderer will be required to indicate below the CSD Supplier Number and Unique Registration Reference Number for verification purposes:

CSD Supplier Number	
Unique Registration Reference Number	

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 do not conform to current day prices.

Partial awards **may** be made where this is perceived by the Accounting Officer 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 Tenderer, the prices and particulars contained in the Tender Form shall prevail.

10. **ACCEPTANCE OF ANY TENDER**

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.

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.

The procedure which will be followed with the acceptance of a tender is as follows:

Contractor	Witness 1	Witness 2	Employer	Witness 1	Witness 2

Formal agreement will be signed.

A Service Level Agreement will be entered into with the successful Service Provider. A letter of acceptance stipulating which rate/s has been accepted will be sent by the Head: Supply Chain Management to the Tenderer. The tender documents, together with the letter of acceptance, shall constitute a binding agreement between the Tenderer and the Council.

Unless otherwise stipulated in the covering letter submitted with the tender, the Tenderer 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 Tenderer 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 Stand 13433 King Fisher Road, Remainder of Harlingen Farm Mkuze 3965 as its *domicilium citandi et executandi*.

The Tenderer'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

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

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

15. APPEALS AND/OR OBJECTIONS

Any Tenderer 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 Tribunal. In the event that an appeal and/or objection is lodged, the above procedure shall apply.

16. JOINT VENTURE AGREEMENTS AND CONSORTIUMS

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

- 1) Original valid Tax Clearance Certificates or a Tax Compliance Status Verification Pins issued by SARS of all parties of the Joint Venture/Consortium;
- 2) All parties of the Joint Venture/Consortium must submit 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.
- 3) 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, and,

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.

17. 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 Tenderers whose names appear on the list of restricted tenderers/suppliers/persons, and,
- (v) Submission of two tenders by a Tenderer.

Any attempt by a Tenderer 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.

18. ADJUDICATION CRITERIA

The tender shall be evaluated on a Three Stage Evaluation System – Stage One: Compulsory Returnable Documents; Stage Two: Functionality and Stage Three: 90/10 Special Goals Point System in accordance with the UKDM SCM Policy.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

UMKHANYAKUDE DISTRICT MUNICIPALITY

DEFINITIONS

- 1) The following definitions apply: -
- 2) **"Council"** means Umkhanyakude District Municipality (UKDM).
- 3) **"Head: Supply Chain Management"** means the Head: Supply Chain Management of the day of the Umkhanyakude District Municipality or the Manager's duly appointed Representative.
- 4) **"Accounting Officer"** means the: Office of the Municipal Manager of uMkhanyakude District Municipality or the said Manager's duly appointed Representative.
- 5) **"Service Provider/Contractor"** means the person, firm, Service Provider or company whose tender has been accepted by the District 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.
- 6) **"Special Conditions"** means any addition to or departure from or amendment of these Standard Conditions as set out in Annexure "A" hereof.
- 7) **"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.
- 8) **"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.
- 9) **"Goods"** means the equipment, plant, vehicles, service or materials to be supplied in accordance with the Contract.
- 10) **"The Tender"** means the written offer made by the Service Provider to the Council.
- 11) **"Preferential Procurement Policy"** means the Preferential Procurement Policy Framework Act, 2000 (Act No 5 of 2000).
- 12) **"SARS"** means the South African Revenue Services.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2 RETURNABLE DOCUMENTS

TABLE OF CONTENTS	Page
T2.1: List of Returnable Documents	T2.18
T2.2: Returnable Schedules and Documents	T2.20

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.18.

T2.1 LIST OF ALL COMPULSORY RETURNABLE DOCUMENTS AND SCHEDULES

The Tenderer shall complete and submit the following returnable schedules and documents:

	Tenderer's Check List	Page No.
COMPULSORY RETURNABLE SCHEDULES AND OTHER DOCUMENTS REQUIRED FOR TENDER EVALUATION PURPOSES		
T2.2.1 Authority for Signatory		T2.21
T2.2.2 Registration Certificate / Agreement / ID Document		T2.28
T2.2.3 Tax Compliance Status Letter Requirements (MBD2)		T2.29
T2.2.4 Central Supplier Database (CSD) Report not older than 3 months		T2.31
T2.2.5 Details of Registration with CIDB		T2.32
T2.2.6 Letter of Good Standing in terms of COID Act		T2.33
T2.2.7 Proof of Public Liability Insurance		T2.34
T2.2.8 Municipal Account/ Rates Settlement		T2.35
T2.2.9 Form of Intent to Provide a Performance Guarantee		T2.36
T2.2.10 Proof of Attendance at the Compulsory Clarification Meeting		T2.37
T2.2.11 Compulsory Enterprise Questionnaire		T2.38
T2.2.12 Declaration of Interest (MBD4)		T2.40
T2.2.13 Declaration of Procurement above R10 Million (MBD5) <i>submit audited annual financial statements for the past three years</i>		T2.43
T2.2.14 Preference Points claim form in terms of the MFMA Regulations 2022		T2.45
T2.2.15 Declaration Certificate for Local Production and Content (MBD6.2)		T2.52
T2.2.16 Declaration of Tenderer's Past Supply Chain Management Practices (MBD8)		T2.56
T2.2.17 Certificate of Independent Bid Determination (MBD9)		T2.59
T2.2.18 Tenderer's Health and Safety Declaration		T2.62
T2.2.19 Contract Participation Goals		T2.63
T2.2.20 Tenderer's Experience		T2.67
T2.2.21 Tenderer's Bank Rating		T2.69
RETURNABLE SCHEDULES AND OTHER DOCUMENTS THAT WILL BE INCORPORATED INTO THE CONTRACT		
T2.2.22 Key Personnel & Experience of Key Personnel		T2.70

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.19.		
T2.2.23 ISO 9001 Certificate		T2.73
T2.2.24 Quality Score Card		T2.74
T2.2.25 Amendments, Qualifications and Alternatives		T2.84
T2.2.26 Record of Addenda to Tender Documents		T2.86
T2.2.27 Schedule of Plant & Equipment		T2.87
T2.2.28 Proposed Sub Contractors		T2.88
T2.2.29 Preliminary Program		T2.89
T2.2.30 Preliminary Cash Flow		T2.90

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.2 RETURNABLE SCHEDULES & DOCUMENTS

T2.2.1: Returnable Schedules and Documents required for Tender Evaluation Purposes..... T2.21

T2.2.2: Returnable Schedules and other Documents that will be incorporated into the Contract ..T2.70

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.21.

T2.2.1 AUTHORITY FOR SIGNATORY*Fill in the relevant portion applicable to the type of organization***A. COMPANIES**

If a Tenderer is a company, a certified copy of the resolution by the board of directors, personally signed by the chairperson of the board, authorizing the person who signs this Tender to do so, as well as to sign any contract resulting from this Tender and any other documents and correspondence in connection with this Tender and/or contract on behalf of the company must be submitted with this Tender, that is before the closing time and date of the Tender

AUTHORITY BY BOARD OF DIRECTORS

By resolution passed by the Board of Directors on 20.....

Mr/Mrs (whose signature appears below) has been duly authorized to sign all documents in connection with this Tender on behalf of

(Name of Company)

IN HIS/HER CAPACITY AS:

SIGNED ON BEHALF OF COMPANY:
(PRINT NAME)

SIGNATURE OF SIGNATORY: **DATE:**

WITNESSES:

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.22.

B. SOLE PROPRIETOR (ONE - PERSON BUSINESS)

I, the undersigned

hereby confirm that I am the sole owner of the business trading as

.....

.....
SIGNATURE

.....
DATE

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.23.

C. PARTNERSHIP

The following particulars in respect of every partner must be furnished and signed by every partner:

Full name of Partner	Residential Address	Signature
.....		
.....		
.....		
.....		

We, the partners in the business trading as

hereby authorize
to sign this Tender as well as any contract resulting from the Tender and any other documents and
correspondence in connection with this Tender and /or contract on behalf of

..... Signature	 Signature	 Signature
..... Date	 Date	 Date

T2.24.

D. CLOSE CORPORATION

In the case of a close corporation submitting a Tender, a certified copy of the Founding Statement of such corporation shall be included with the Tender, together with the resolution by its members authorizing a member or other official of the corporation to sign the documents on their behalf.

By resolution of members at a meeting on 20.....

at

Mr/Ms, whose signature appears below, has been authorized to sign all documents in connection with this Tender on behalf of (Name of Close Corporation)

.....

.....

SIGNED ON BEHALF OF CLOSE CORPORATION:

(PRINT NAME)

IN HIS/HER CAPACITY AS DATE:

SIGNATURE OF SIGNATORY:

WITNESSES: 1.

2.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.25.

E. CO-OPERATIVE

A certified copy of the Constitution of the co-operative must be included with the Tender, together with the resolution by its members authoring a member or other official of the co-operative to sign the Tender documents on their behalf.

By resolution of members at a meeting on 20.....

at

Mr/Ms, whose signature appears below, has been authorized to sign all documents in connection with this Tender on behalf of (Name of Co-Operative)

.....

SIGNATURE OF AUTHORIZED REPRESENTATIVE/SIGNATORY:

(PRINT NAME)

IN HIS/HER CAPACITY AS

DATE:

SIGNED ON BEHALF OF CO-OPERATIVE:

NAME IN BLOCK LETTERS:

WITNESSES: 1.

2.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.26.

F. JOINT VENTURES

If a tenderer is a joint venture, a certified copy of the resolution/agreement passed/reached signed by the duly authorised representatives of the enterprises, authorising the representatives who sign this tender to do so, as well as to sign any contract resulting from this tender and any other documents and correspondence in connection with the tender and/or contract on behalf of the joint venture must be submitted with this tender, before the closing time and date of the tender.

Authority to sign on behalf of the Joint Venture:

By resolution/agreement passed/reached by the joint venture partners on 20

Mr/Mrs, Mr/Mrs

Mr/Mrsand Mr/Mrs

(whose signatures appear below) have been duly authorised to sign all documents in connection with this tender on behalf of:

(Name of Joint Venture)

In his/her capacity as:

Signed on behalf of (COMPANY NAME):
(PRINT NAME)

Signature Date:

In his/her capacity as:

Signed on behalf of (COMPANY NAME):
(PRINT NAME)

Signature Date:

In his/her capacity as:

Signed on behalf of (COMPANY NAME):
(PRINT NAME)

Signature Date:

In his/her capacity as:

Signed on behalf of (COMPANY NAME):
(PRINT NAME)

Signature Date:

--

Contractor

--

Witness 1

--

Witness 2

--

Employer

--

Witness 1

--

Witness 2

T2.27.

G. CONSORTIUM

If a tenderer is a consortium, a certified copy of the resolution/agreement passed/reached signed by the duly authorised representatives of the enterprises, authorising the representatives who sign this tender to do so, as well as to sign any contract resulting from this tender and any other documents and correspondence in connection with the tender and/or contract on behalf of the consortium must be submitted with this tender, before the closing time and date of the tender.

Authority to sign on behalf of the consortium:

By resolution/agreement passed/reached by the consortium partners on20

Mr/Mrs ,
(whose signature appear below) have been duly authorised to sign all documents in connection with this tender on behalf of:

(Name of Consortium)

In his/her capacity as:

Signature Date:

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.28.

T2.2.2 REGISTRATION CERTIFICATE / AGREEMENT / ID DOCUMENT

Important note to Tenderer: The relevant supporting documents to the organization tendering i.e. Registration Certificates for Companies, Close Corporations and Partnerships, or Agreements and Powers of Attorney for Joint Ventures and Consortiums, or ID documents for Sole Proprietors, all as referred to in the foregoing forms and in T2.1, must be inserted here.

INSERT HERE

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.2.3 TAX COMPLIANCE STATUS LETTER REQUIREMENTS

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

- Bidders must ensure compliance with their tax obligations.
- Bidders are required to submit their unique personal identification number (pin) issued by SARS to enable the organ of state to verify the taxpayer's profile and tax status.
- Application for Tax Compliance Status (TCS) pin may be made via e-filing through the SARS website www.sars.gov.za.
- Bidders may also submit a printed TCS certificate together with the bid.
- In bids where consortia / joint ventures / sub-contractors are involved, each party must submit a separate TCS certificate / pin / CSD number.
- Where no TCS is available but the bidder is registered on the Central Supplier Database (CSD), a CSD number must be provided.
- No bids will be considered from persons in the service of the state, companies with directors who are persons in the service of the state, or close corporations with members in the service of the state.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.30.

T2.2.4 TAX COMPLIANCE STATUS LETTER REQUIREMENTS (Continued.....)

[Tax Compliance Status (TCS) Letter obtained from SARS to be inserted here]

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.31.

T2.2.4 CENTRAL SUPPLIER DATABASE (CSD) FULL REPORT (NOT OLDER THAN 3 MONTHS)

[INSERT HERE]

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.32.

T2.2.5 DETAILS OF REGISTRATION WITH CIDB

Attach hereto a valid CIDB Registration Certificate.

[INSERT HERE]

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.33.

T2.2.6 LETTER OF GOOD STANDING IN TERMS OF COID ACT
(Compensation for Occupational Injuries and Diseases Act)

[INSERT HERE]

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.34.

T2.2.7 PROOF OF PUBLIC LIABILITY INSURANCE

[INSERT HERE]

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.2.8 MUNICIPAL ACCOUNT/ RATES SETTLEMENT

The Tenderer shall attach one of the following to this page (as applicable):

1. An original/certified copy of the most recent municipal certificate, indicating the status of payment of all municipal accounts and taxes i.e. electricity, water, refuse, rates and levies, from the Municipality in which jurisdiction its business is situated.
2. In the case where the Tenderer does not own property/is a tenant for the purpose of its business establishment, the Tenderer to provide an original/certified copy of a certificate from its landlord certifying that all tenants payments in respect of all municipal accounts and taxes i.e. electricity, water, refuse, rates and levies are paid up to date.
3. In the case where it is not possible for a Tenderer to obtain the certificate in (2) above from its landlord, the Tenderer is required to submit an original/certified copy of the lease agreement for the premises where its business is situated.

(Failure to do so may lead to your Tender being disqualified)

This serve to confirm that my rates with _____ municipality are up to date and have attached my municipal rates account as proof.

NAME OF BIDDER: _____

DATE : ____/____/____

This serves to confirm that my municipal rates with _____ municipality are not up to date.

I have made arrangement to settle this account by _____ **(ATTACH LETTER OF ARRANGEMENT AS PROOF)**

I intend to settle my account in full within ten (10) working days should I be favoured by uMKHANYAKUDE DISTRICT MUNICIPALITY as a preferred bidder.

NAME OF BIDDER: _____ **Signature:** _____

DATE : ____/____/____

[INSERT HERE]

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.2.9 FORM OF INTENT TO PROVIDE A PERFORMANCE GUARANTEE

[The Tenderer must attach hereto a letter from the bank or institution. with whom he has made the necessary arrangements, to the effect that the said bank or institution will be prepared to provide the required performance guarantee forthwith upon award of the contract to this tenderer].

Tenderers are to refer to Form C1.3: Form of Guarantee.

[INSERT HERE]

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.37.

T2.2.10 PROOF OF ATTENDANCE AT THE COMPULSORY CLARIFICATION MEETING

CERTIFICATE OF ATTENDANCE

TENDER No. SCMU 006/2026/2027

This is to certify that

(Tenderer)

of (address)

.....

.....

was represented by the person(s) named below at the compulsory meeting held for all Tenderers at (location)

..... on (date)

starting at (time)

I / We acknowledge that the purpose of the meeting was to acquaint myself / ourselves with the site of the works and / or matters incidental to doing the work specified in the Tender documents in order for me / us to take account of everything necessary when compiling our rates and prices included in the Tender.

Particulars of person(s) attending the meeting:

Name: Signature:

Capacity:

Name: Signature:

Capacity:

Attendance of the above person(s) at the meeting is confirmed by the Employer's representative, namely:

Name: Signature:

Capacity: Date and Time:

--

Contractor

--

Witness 1

--

Witness 2

--

Employer

--

Witness 1

--

Witness 2

T2.38.

T2.2.11**COMPULSORY ENTERPRISE QUESTIONNAIRE**

The following particulars must be furnished. In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted.

Section 1: Name of enterprise:

Section 2: VAT registration number, if any:

Section 3: CIDB registration number, if any:

Section 4: Particulars of sole proprietors and partners in partnerships

Name*	Identity number*	Personal income tax number*

*Complete only if sole proprietor or partnership and attach separate page if more than 3 partners

Section 5: Particulars of companies and close corporations

Company registration number:

Close corporation number: Tax
reference number:

Section 6: Record in the service of the state

Indicate by marking the relevant boxes with a cross, if any sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months in the service of any of the following:

a member of any municipal council		an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999)	
a member of any provincial legislature			
a member of the National Assembly or the National Council of Province			
a member of the board of directors of any municipal entity		a member of an accounting authority of any national or provincial public entity	
an official of any municipality or municipal entity		an employee of Parliament or a provincial legislature	

If any of the above boxes are marked, disclose the following:

Name of sole proprietor, partner, director, manager, principal shareholder or stakeholder	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		Current	Within last 12 months

Insert separate page if necessary

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.39.

Section 7: Record of spouses, children and parents in the service of the state

Indicate by marking the relevant boxes with a cross, if any spouse, child or parent of a sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months in the service of any of the following:

a member of any municipal council		an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999)	
a member of any provincial legislature			
a member of the National Assembly or the National Council of Province			
a member of the board of directors of any municipal entity		a member of an accounting authority of any national or provincial public entity	
an official of any municipality or municipal entity		an employee of Parliament or a provincial legislature	

If any of the above boxes are marked, disclose the following:

Name of spouse, child or parent	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		Current	Within last 12 months

*insert separate page if necessary

The undersigned, who warrants that he/she is duly authorised to do so on behalf of the enterprise:

- authorizes the Employer to obtain a tax clearance certificate from the South African Revenue Services that my/our tax matters are in order;
- confirms that neither the name of the enterprise or the name of any partner, manager, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears on the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004;
- confirms that no partner, manager, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise, has within the last five years been convicted of fraud or corruption;
- confirms that I/we are not associated, linked or involved with any other tendering entities submitting tender offers and have no relationship with any of the tenderers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest; and
- confirms that the contents of this questionnaire are within my personal knowledge and are to the best of my belief both true and correct.

Signed:

Date:

Name:

Position:

Enterprise name:

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.2.12 DECLARATION OF INTEREST

1. Any legal person, including persons employed by the state¹, or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes a price quotation, advertised competitive bid, limited bid or proposal). In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority where-

- the bidder is employed by the state; and/or
- the legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the bid.

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

2.1 Full Name of bidder or his or her representative:

2.2 Identity Number:

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

2.4 Company Registration Number:

2.5 Tax Reference Number:

2.6 VAT Registration Number:

- 2.6.1 The names of all directors / trustees / shareholders / members, their individual identity numbers, tax reference numbers and, if applicable, employee / persal numbers must be indicated in paragraph 3 below.

¹"State" means –

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

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

- 2.7 Are you or any person connected with the bidder
presently employed by the state? **YES / NO**

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.41.

- 2.7.1 If so, furnish the following particulars:
 Name of person / director / trustee / shareholder/ member:
 Name of state institution at which you or the person connected to the bidder is employed:
 Position occupied in the state institution:
 Any other particulars:

- 2.7.2 If you are presently employed by the state, did you obtain the appropriate authority to undertake remunerative work outside employment in the public sector? **YES / NO**
- 2.7.2.1 If yes, did you attached proof of such authority to the bid document? **YES / NO**
(Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the bid.
- 2.7.2.2 If no, furnish reasons for non-submission of such proof:

- 2.8 Did you or your spouse, or any of the company's directors / trustees / shareholders / members or their spouses conduct business with the state in the previous twelve months? **YES / NO**
- 2.8.1 If so, furnish particulars:

- 2.9 Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the state and who may be involved with the evaluation and or adjudication of this bid? **YES / NO**
- 2.9.1 If so, furnish particulars.

- 2.10 Are you, or any person connected with the bidder, aware of any relationship (family, friend, other) between any other bidder and any person employed by the state who may be involved with the evaluation and or adjudication of this bid? **YES / NO**
- 2.10.1 If so, furnish particulars.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.42.

2.11 Do you or any of the directors / trustees / shareholders / members
of the company have any interest in any other related companies
whether or not they are bidding for this contract?

YES / NO

2.11.1 If so, furnish particulars:

.....
.....
.....

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.43.

3 Full details of directors / trustees / members / shareholders

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

4 DECLARATION

I, THE UNDERSIGNED (NAME)

CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 23 OF THE GENERAL CONDITIONS OF CONTRACT SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....

Signature

.....

Date

.....

Position

.....

Name of bidder

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.44.

MBD5

T2.2.13 DECLARATION OF 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:

Item	Question	Yes	No
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, furnish 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		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.45.

CERTIFICATION

I, THE UNDERSIGNED (NAME)

CERTIFY THAT THE INFORMATION IN THIS DECLARATION IS CORRECT.

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

.....
Signature

.....
Date

.....
Position

.....
Name of bidder

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.2.14 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 SPECIFIC GOALS, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022.

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 not to exceed R50 000 000 (all applicable taxes included) and therefore the 80/20 preference point system shall be applicable.
- 1.3 Preference 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	90
SPECIFIC GOALS OF CONTRIBUTION	10
Total points for Price and Specific Goals must not exceed	100

- 1.5 Failure of a bidder to submit proof of specific goals claimed will be interpreted to mean that preference points for specific goals are not claimed.
- 1.6 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DEFINITIONS

- (a) **“all applicable taxes”** includes value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies;
- (b) **“bid”** 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 and “bid” has a corresponding meaning
- (c) **“comparative price”** means the price after the factors of a non-firm price and all unconditional discounts that can be utilized have been taken into consideration;
- (d) **“consortium or joint venture”** 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;
- (e) **“contract”** means the agreement that results from the acceptance of a bid by an organ of state;
- (f) **“EME”** means an Exempted Micro Enterprise as defines by Codes of Good Practice issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (g) **“Firm price”** means the price that is only subject to adjustments in accordance with the actual increase or decrease resulting from the change, imposition, or abolition of customs or excise duty and any other duty, levy, or tax, which, in terms of the law or regulation, is binding on the contractor and demonstrably has an influence on the price of any supplies, or the rendering costs of any service, for the execution of the contract;
- (h) **“non-firm prices”** means all prices other than “firm” prices;
- (i) **“person”** includes a juristic person;
- (j) **“QSE”** means a Qualifying Small Enterprise as defines by Codes of Good Practice issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (k) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of the tender invitation;
- (l) **“Reconstruction and Development Programme”** the Reconstruction and Development Programme as published in Government Gazette No. 16085 dated 23 November 1994;
- (m) **“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

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.48.

implementation of programmes of the Reconstruction and Development Programme as published in Government Gazette No. 16085 dated 23 November 1994;

- (n) **“total revenue”** bears the same meaning assigned to this expression in the Codes of Good Practice;
- (o) **“trust”** means the arrangement through which the property of one person is made over or bequeathed to a trustee to administer such property for the benefit of another person; and
- (p) **“trustee”** means any person, including the founder of a trust, to whom property is bequeathed in order for such property to be administered for the benefit of another person.
- (q) **“Disability”** means, in respect of a person, a permanent impairment of a physical, intellectual, or sensory function, which results in restricted, or lack of, ability to perform an activity in the manner, or within the range, considered normal for a human being.
- (r) **“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.

ADJUDICATION USING A POINT SYSTEM

- 1.7 If two or more tenderers score an equal total number of points, the contract must be awarded to the tenderer that scored the highest points for specific goals.
- 1.8 Preference points shall be calculated after prices have been brought to a comparative basis taking into account all factors of non-firm prices and all unconditional discounts;
- 1.9 Points scored must be rounded off to the nearest 2 decimal places.
- 1.10 In the event that two or more bids have scored equal total points, the successful bid must be the one scoring the highest number of preference points for specific goals.
- 1.11 If two or more tenderers score equal total points in all respects, the award must be decided by the drawing of lots.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

POINTS AWARDED FOR PRICE**1.12 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS**

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

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

Where

P_s = Points scored for comparative price of bid under consideration
 P_t = Comparative price of bid under consideration
 P_{min} = Comparative price of lowest acceptable bid

POINTS AWARDED FOR LEVEL OF CONTRIBUTION TOWARDS SPECIFIC GOALS

- 1.13 In terms of s2(b)(i) and (ii) of the Preferential Procurement Regulations Policy Framework Act, a preference points system must be followed for contracts with a Rand value above a prescribed amount a maximum of 10 or 20 points may be allocated for specific goals as contemplated in s2(d) of the Act provided that the lowest acceptable tender scores 90 or 80 points for price, respectively, in accordance with the table below:

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.)

90/10 preference point system			
The specific goals allocated points in terms of this tender	Number of points allocated (10 points) (To be completed by the Municipality)	Proof required to Claim (20 points) (To be completed by the Municipality)	Number of points Claimed (20 points) (To be completed by the tenderer)
Refer to the table below	10	Fully completed and signed MBD 6.1; and full Central Suppliers Data Base report (CSD) not older than one month	10

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.50.

NB: No points will be claimed by the bidder if it fails to submit proof required to score points for specific goals

PREFERENCE POINT SYSTEM		
PRICE SPECIFIC GOALS	90 10	Requirements to claim points
Enterprise owned by Black People ≥ 51%	2	Certified ID Copies (Directors)/ CSD Report/ Shareholders Certificate
Enterprise owned by Women ≥ 51%	2	Certified ID Copies (Directors)/ CSD Report/ Shareholders Certificate
Enterprise owned by Youth	2	Certified ID Copies (Directors)/ CSD Report/ Shareholders Certificate
Enterprise owned by Disabled Persons	2	Medical Certificate
Enterprise owned by SMMEs- QSE and EME	2	CSD report/ Proof of municipal accounts/ affidavit/ proof of residence signed by Ward Councillor (for those residing in rural areas/ lease agreement

1.14 Bidders must submit valid proof for specific goals

1.15 If the municipality is of the view that a tenderer submitted false information regarding a specific goal, will —

(a) inform the tenderer accordingly; and

(b) give the tenderer an opportunity to make representations within 14 days as to why the tender may not be disqualified or, if the tender has already been awarded to the tenderer, the contract should not be terminated in whole or in part.

1.16 After considering the representations referred to in sub regulation (1)(b), the municipality may, if concludes that such information is false—

(a) disqualify the tenderer or terminate the contract in whole or in part; and

(b) if applicable, claim damages from the tenderer.

SPECIFIC GOALS CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 5.1

Specific goals: = (maximum of 10 or 20 points)

(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 5.1 and must be substantiated by means of the required proof of specific goals.

SUB-CONTRACTING

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

(Tick applicable box)

YES		NO	X
-----	--	----	---

1.17.1 If yes, indicate:

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Contractor

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Witness 1

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Witness 2

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Employer

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Witness 1

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Witness 2

T2.51.

- i) What percentage of the contract will be subcontracted..... %
- ii) The name of the sub-contractor.....
- iii) Whether the sub-contractor is an EME.

(Tick applicable box)

YES		NO	X
-----	--	----	---

DECLARATION WITH REGARD TO COMPANY/FIRM

1.18 Name of company/firm:.....

1.19 VAT registration number:.....

1.20 Company registration number:.....

1.21 TYPE OF COMPANY/ FIRM

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

[TICK APPLICABLE BOX]

1.22 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

1.23 COMPANY CLASSIFICATION

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

[TICK APPLICABLE BOX]**MUNICIPAL INFORMATION****Municipality where business is situated:****Registered Account Number:****Stand Number:**

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

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Contractor

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Witness 1

--

Witness 2

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Employer

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Witness 1

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Witness 2

T2.52.

1.25 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goal declared in paragraph 6 , indicated in paragraph 7, 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 paragraph 7, 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:
 - 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. restrict the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - e. Forward the matter for criminal prosecution.

WITNESSES

1.

2.

.....

SIGNATURE(S) OF BIDDERS(S)

DATE:

ADDRESS

.....

.....

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

MBD6.2**T2.2.15 DECLARATION CERTIFICATE FOR LOCAL PRODUCTION
AND CONTENT FOR DESIGNATED SECTORS**

This Municipal Bidding Document (MBD) must form part of all bids invited. It contains general information and serves as a declaration form for local content (local production and local content are used interchangeably).

Before completing this declaration, bidders must study the General Conditions, Definitions, Directives applicable in respect of Local Content as prescribed in the Preferential Procurement Regulations, 2011 and the South African Bureau of Standards (SABS) approved technical specification number SATS 1286:2011 (Edition 1) and the Guidance on the Calculation of Local Content together with the Local Content Declaration Templates [Annex C (Local Content Declaration: Summary Schedule), D (Imported Content Declaration: Supporting Schedule to Annex C) and E (Local Content Declaration: Supporting Schedule to Annex C)].

1. General Conditions

- 1.1. Preferential Procurement Regulations, 2011 (Regulation 9) makes provision for the promotion of local production and content.
- 1.2. Regulation 9.(1) prescribes that in the case of designated sectors, where in the award of bids local production and content is of critical importance, such bids must be advertised with the specific bidding condition that only locally produced goods, services or works or locally manufactured goods, with a stipulated minimum threshold for local production and content will be considered.
- 1.3. Where necessary, for bids referred to in paragraph 1.2 above, a two stage bidding process may be followed, where the first stage involves a minimum threshold for local production and content and the second stage price and B-BBEE.
- 1.4. A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 1.5. The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the SABS approved technical specification number SATS 1286: 2011 as follows:

$$LC = [1 - x / y] * 100$$

Where

x is the imported content in Rand

y is the bid price in Rand excluding value added tax (VAT)

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by the South African Reserve Bank (SARB) at 12:00 on the date of advertisement of the bid as required in paragraph 4.1 below.

The SABS approved technical specification number SATS 1286:2011 is accessible on <http://www.thedti.gov.za/industrial development/ip.jsp> at no cost.

- 1.6. A bid may be disqualified if this Declaration Certificate and the Annex C (Local Content Declaration: Summary Schedule) are not submitted as part of the bid documentation;

--	--	--	--	--	--

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

2. Definitions

- 2.1. **“bid”** includes written price quotations, advertised competitive bids or proposals;
- 2.2. **“bid price”** price offered by the bidder, excluding value added tax (VAT);
- 2.3. **“contract”** means the agreement that results from the acceptance of a bid by an organ of state;
- 2.4. **“designated sector”** means a sector, sub-sector or industry that has been designated by the Department of Trade and Industry in line with national development and industrial policies for local production, where only locally produced services, works or goods or locally manufactured goods meet the stipulated minimum threshold for local production and content;
- 2.5. **“duly sign”** means a Declaration Certificate for Local Content that has been signed by the Chief Financial Officer or other legally responsible person nominated in writing by the Chief Executive, or senior member / person with management responsibility (close corporation, partnership or individual).
- 2.6. **“imported content”** means that portion of the bid price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or its subcontractors) and which costs are inclusive of the costs abroad (this includes labour and intellectual property costs), plus freight and other direct importation costs, such as landing costs, dock duties, import duty, sales duty or other similar tax or duty at the South African port of entry;
- 2.7. **“local content”** means that portion of the bid price which is not included in the imported content, provided that local manufacture does take place;
- 2.8. **“stipulated minimum threshold”** means that portion of local production and content as determined by the Department of Trade and Industry; and
- 2.9. **“sub-contract”** means the primary contractor's assigning, leasing, making out work to, or employing another person to support such primary contractor in the execution of part of a project in terms of the contract.

3. The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2011) for this bid is/are as follows:

<u>Description of services, works or goods</u>	<u>Stipulated minimum threshold</u>
_____	_____ %
_____	_____ %
_____	_____ %

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

5. Does any portion of the services, works or goods offered have any imported content?
(***Tick applicable box***)

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

- 4.1 If yes, the rate(s) of exchange to be used in this bid to calculate the local content as prescribed in paragraph 1.5 of the general conditions must be the rate(s) published by the SARB for the specific currency at 12:00 on the date of advertisement of the bid.

The relevant rates of exchange information is accessible on www.reservebank.co.za

Indicate the rate(s) of exchange against the appropriate currency in the table below (refer to Annex A of SATS 1286:2011):

Currency	Rates of exchange
US Dollar	
Pound Sterling	
Euro	
Yen	
Other	

NB: Bidders must submit proof of the SARB rate (s) of exchange used.

5. Where, after the award of a bid, challenges are experienced in meeting the stipulated minimum threshold for local content the dti must be informed accordingly in order for the dti to verify and in consultation with the Accounting Officer / Accounting Authority provide directives in this regard.

LOCAL CONTENT DECLARATION
(REFER TO ANNEX B OF SATS 1286:2011)

LOCAL CONTENT DECLARATION BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CLOSE CORPORATION, PARTNERSHIP OR INDIVIDUAL)

IN RESPECT OF BID NO.

ISSUED BY: (Procurement Authority / Name of Municipality / Municipal Entity):

NB

- 1 The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.
- 2 Guidance on the Calculation of Local Content together with Local Content Declaration Templates (Annex C, D and E) is accessible on <http://www.thedti.gov.za/industrialdevelopment/ip.jsp>. Bidders should first complete Declaration D. After completing Declaration D, bidders should complete Declaration E and then consolidate the information on Declaration C. **Declaration C should be submitted with the bid documentation at the closing date and time of the bid in order to substantiate the declaration made in paragraph (c) below.** Declarations D and E should be kept by the bidders for verification purposes for a period of at least 5 years. The successful bidder is required to continuously update Declarations C, D and E with the actual values for the duration of the contract.

I, the undersigned, (full names),
do hereby declare, in my capacity as

--

Contractor

--

Witness 1

--

Witness 2

--

Employer

--

Witness 1

--

Witness 2

T2.56.

of(name of bidder entity), the following:

- (a) The facts contained herein are within my own personal knowledge.
- (b) I have satisfied myself that:
- (i) the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid, and as measured in terms of SATS 1286:2011;
- (c) The local content percentages (%) indicated below has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E which has been consolidated in Declaration C;

Bid price, excluding VAT (y)	R
Imported content (x), as calculated in terms of SATS 1286:2011	R
Stipulated minimum threshold for local content (paragraph 3 above)	
Local content %, as calculated in terms of SATS 1286:2011	

If the bid is for more than one product, the local content percentages for each product contained in Declaration C shall be used instead of the table above. The local content percentages for each product has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E.

- (d) I accept that the Procurement Authority / Municipality /Municipal Entity has the right to request that the local content be verified in terms of the requirements of SATS 1286:2011.
- (e) I understand that the awarding of the bid is dependent on the accuracy of the information furnished in this application. I also understand that the submission of incorrect data, or data that are not verifiable as described in SATS 1286:2011, may result in the Procurement Authority / Municipal / Municipal Entity imposing any or all of the remedies as provided for in Regulation 13 of the Preferential Procurement Regulations, 2011 promulgated under the Preferential Policy Framework Act (PPPFA), 2000 (Act No. 5 of 2000).

SIGNATURE: _____

DATE: _____

WITNESS No. 1 _____

DATE: _____

WITNESS No. 2 _____

DATE: _____

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

MBD8

T2.2.16 DECLARATION OF TENDERER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES**(To be completed by Tenderer)**

- 1 This Section must form part of all Tenders invited.
- 2 It serves as a declaration to be used by Umkhanyakude District Municipality 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 Tender of any Tenderer may be disregarded if such Tenderer, or any of its directors have-
 - a. abused Umkhanyakude District Municipality 's supply chain management system;
 - b. committed fraud or any other improper conduct in relation to such system; or
 - c. failed to perform on any previous contract.
- 4 **In order to give effect to the above, the following questionnaire must be completed and submitted with the Tender.**

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.58.

Item	Question	Yes	No
4.1	Is the Tenderer or any of its directors listed on the National Treasury/Umkhanyakude District Municipality's database as companies or persons prohibited from doing business with the public sector?	Yes ☐	No ☐
4.1.1	If so, furnish particulars		
4.2	Is the Tenderer 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)? (To access this Register enter the National Treasury's website, www.treasury.gov.za , click on the icon "Register for Tender Defaulters" or submit your written request for a hard copy of the Register to facsimile number (012) 3265445).	Yes ☐	No ☐
4.2.1	If so, furnish particulars		
4.3	Was the Tenderer or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years?	Yes ☐	No ☐
4.3.1	If so, furnish particulars		
4.4	Was any contract between the Tenderer and any organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes ☐	No ☐
4.4.1	If so, furnish particulars		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.59.

CERTIFICATION

I, THE UNDERSIGNED

(FULL NAME)

CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM IS TRUE AND CORRECT. I ACCEPT THAT, IN ADDITION TO CANCELLATION OF A CONTRACT, ACTION MAY BE TAKEN AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

Signature_____
Date_____
Position_____
Name of Bidder

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.60.

MBD 9

T2.2.17 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.

6. 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.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.61.

MBD 9

T2.2.16 CERTIFICATE OF INDEPENDENT TENDER DETERMINATION (continued)

I, the undersigned, in submitting the accompanying tender:

.....

(Bid Number and Description)

in response to the invitation for the tender made by:

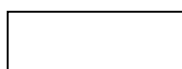
.....

(Name of Municipality / Municipal Entity)

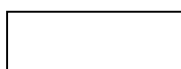
do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of: that:
(Name of Bidder)

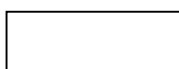
1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying tender will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the tenderer to sign this Certificate, and to submit the accompanying tender, on behalf of the tenderer;
4. Each person whose signature appears on the accompanying tender has been authorized by the tenderer to determine the terms of, and to sign the tender, on behalf of the tenderer;
5. For the purposes of this Certificate and the accompanying tender, I understand that the word "competitor" shall include any individual or organization, other than the tenderer, whether or not affiliated with the tenderer, who:
 - (a) has been requested to submit a tender in response to this tender invitation;
 - (b) could potentially submit a tender in response to this tender invitation, based on their qualifications, abilities or experience; and
 - (c) provides the same goods and services as the tenderer and/or is in the same line of business as the tenderer
6. The tenderer has arrived at the accompanying tender 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 tendering.
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 tender;
 - (e) the submission of a tender which does not meet the specifications and conditions of the tender; or
 - (f) tendering with the intention not to win the tender.
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 tender invitation relates.



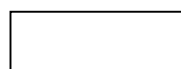
Contractor



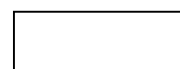
Witness 1



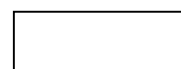
Witness 2



Employer



Witness 1



Witness 2

T2.62.

9. The terms of the accompanying tender have not been, and will not be, disclosed by the tenderer, directly or indirectly, to any competitor, prior to the date and time of the official tender 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 tenders and contracts, tenders 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.

.....
Signature.....
Date.....
Position.....
Name of Tenderer

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.63.

T2.2.18 TENDERER'S HEALTH AND SAFETY DECLARATION

In terms of the Occupational Health and Safety Act (OHSA) 85 of 1993 and specifically the Government Notice No.R84 of 7 February 2014 by Department of Labour comprising the Construction Regulations 2014 (hereafter referred to as "the Regulations"), the Professional Services Provider appointed in terms of this tender assumes the role of the "Designer" as defined by the Regulations.

The Regulations impose duties on the Designer with regard to the design of both permanent and temporary works contemplated in terms of the Scope of Work outlined in C3. To that effect a person duly authorized by the Tenderer shall complete and sign the declaration hereafter in detail.

Declaration by Tenderer

1. I the undersigned hereby declare and confirm that I am fully conversant with the Occupational Health and Safety Act No 85 of 1993 (as amended by the Occupational Health and Safety Amendment Act No 181 of 1993), and the Construction Regulations, 2014 contained in Government Notice No. R 84.
2. I hereby declare that my company / enterprise has the competence and the necessary resources to carry out the design work contemplated under this contract with due regard to the "Duties of Designer" outlined in Regulation 6 and to achieve compliance with the Regulations and the Employer's Health and Safety Specifications.
3. I hereby undertake, if my Tender is accepted, to comply with the requirements of the Regulations as they apply to the Designer and also as they apply to any other duties that, by agreement, may be delegated to me by the Employer. I hereby agree that my company/enterprise will not have a claim for compensation for delay or extension of time because of my failure to comply with these requirements.
4. I hereby confirm that adequate provision has been made in my Tendered rates and prices in the Pricing Schedule (C2) to cover the cost of all resources, actions, training and all health and safety measures envisaged for the designer in the Regulations.
5. I hereby confirm that I will be liable for any penalties that may be applied by the Employer in terms of the Contract Data (C1.2 Clause 3.12) for failure on my part to comply with the provisions of the Act and the Regulations.
6. I agree that my failure to complete and execute this declaration to the satisfaction of the Employer will mean that I am unable to comply with the requirements of the Regulations, and accept that my Tender will be prejudiced and may be rejected at the discretion of the Employer.

SIGNATURE: DATE:

NAME (Print)
(of person authorized to sign on behalf of the Tenderer)

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.64.

T2.2.19 CONTRACT PARTICIPATION GOALS

Objective

The objective of Umkhanyakude District Municipality's empowerment initiative is to bring about meaningful transformation in all procurement projects and in particular in the built environment / construction and consulting industry through achieving one or more of the following objectives:

- Meaningful Economic Participation;
- Local Economic Development;
- Transfer of Technical, Management and Entrepreneurial Skills; and
- Creation of sustainable Black Enterprises

Contract Participation Goals

Contract Participation Goal (CPG) – the **final** value of services paid to the CPG Partner/s based on the **final** contract value.

At the time of awarding the contract the 30% minimum CPG amount will be based on the value of the works exclusive of the following:

- VAT, CPA, Provisional Sums and Contingencies.

During contract implementation, adjustments relating to Provisional Sums and Contingencies linked to the CPG allocation will be agreed upon between the parties to the contract, as and when the need arises.

CPG Partner/s – Umkhanyakude District Municipality will provide or arrange a CPG Partner/s to work with the successful company whom are primarily and geographically based within the Jozini Local Municipal Area, and alternatively within Umkhanyakude District Municipal area of jurisdiction if not identified from primary area to support local economic development and skills growth.

Tenderers are required to achieve at least 30% Contract Participation Goals (CPG) including a minimum 10% Black Women participation and another 10% for Local participation of the value of goods, services and Works paid to one or more enterprises (CPG Partner/s)

- 30% includes any special materials
- 30% excludes VAT, CPA, Provisional Sums and Contingencies.
- The tenderer will be required to achieve the actual Rand value committed for CPG, adjusted according to the following:
 - Variation Orders – Each VO will be evaluated by the Employer's Agent and the Project Manager to determine whether it should be counted, in its entirety or partially, as part of CPG or not.
 - Re-measurable Items (including CPA, and provisional sums) – Each re-measurable item change will be evaluated by the Employer's Agent and the Project Manager to determine whether it should be counted as part of CPG or not.

Within 2 weeks of the award of contract, the tenderer will be required to submit a cash flow projection for the main contractor and the CPG Partner/s

Applicability

The CPG target is applicable to all contracts to be adjudicated through the Umkhanyakude District Municipality procurement process and shall be achieved through the following mechanisms:-

- CPG Partner/s selection is concluded **after** adjudication of tenders and **before** contract award is made.
- The CPG Partner/s shall be selected according to the following criteria:
 - CPG Partner/s are to be obtained from Umkhanyakude District Municipality's database of Service Providers specifically earmarked for CPG purposes.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.65.

- In the event of services where Umkhanyakude District Municipality does not have an applicable service provider on its database, the tenderer may propose a suitable CPG Partner/s for consideration by Umkhanyakude District Municipality.
- Main service provider may propose a suitable CPG Partner/s, but Umkhanyakude District Municipality reserves the right to provide or arrange a CPG Partner/s to work with the successful company.
- Sub-contracting of the CPG Partner/s at the same rate / price that the tenderer would have offered to Umkhanyakude District Municipality whilst making profit margins consistent to the profit margins that the main Service Provider would have made under normal trading processes.
- Value of the work to be sub contracted shall be at least **30% (minimum of 10% shall be due to Black Women participation and another 10% for Local participation)** of the total contract value excluding VAT, CPA and Contingencies.
- CPA is payable to the CPG Partner/s as per the indices stipulated in the contract document.
- The work allocated to the CPG Partner shall be performed by the CPG Partner directly and may not be allocated or sub-contracted out to other contractors/consultants/service providers.
- The main Service Provider **shall not** substitute any CPG Partner/s without the written approval of Umkhanyakude District Municipality.
- The working capital arrangements between the main Service Provider and the CPG Partner/s must be agreed upon between the two parties prior to commencement of works to ensure that the CPG Partner does not have cash flow challenges during contract implementation.

Invoicing and Payment

The monthly measurement and payment will be according to the following guideline:

- Submission of payment certificate by the Service Provider– by 30th of each month, or the nearest previous working day. The submission from the Service Provider shall include the signature of the CPG Partner indicating agreement with the measurements and rates applicable to the work undertaken by the CPG Partner.
- Payment to the Service Provider – on the last day of the following month;
- The CPG Partner must be paid within reasonable time but no later than 3 working days after the Main Service Provider has been paid by Umkhanyakude District Municipality; and
- The submission from the Service Provider must include a schedule that clearly shows the following:
 - Total Contract Sum
 - Total amount payable to CPG Partner/s excluding current month
 - Amount payable to CPG Partner for current month
 - % split of Total amount payable to Main Service Provider and CPG Partner/s

Monitoring and Reporting on CPG

- Umkhanyakude District Municipality will monitor CPG implementation on site. This may include direct contact with CPG Partner/s on site for verification purposes.
- The CPG Partner shall be in agreement with the measurement and payment for work completed, for the purposes of submitting payment certificates, as determined by the Service Provider. Should disagreements arise, Umkhanyakude District Municipality reserves the right to intervene to resolve the disagreement.
- CPG Partner/s shall attend all contractual meetings relevant to their scope of work including contract award negotiations, monthly contract site meetings and technical meetings where applicable.

Eligibility Criteria

For tenders where the CPG target is applicable, those that do not offer a **minimum** CPG participation of **30%** (including minimum 10% Black Women participation and another 10% for Local participation) according to the requirements mentioned above, will be deemed **ineligible**.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.66.

DECLARATION REGARDING CONTRACT PARTICIPATION GOALS

I, the undersigned, in submitting the accompanying bid:

(Bid Number and Description)

in response to the invitation for the bid made by:

UMKHANYAKUDE DISTRICT MUNICIPALITY

do hereby make the following declaration and certify the statements contained herein 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 Declaration and the fully completed bid document accompanying this declaration;
2. I understand and declare that the accompanying bid will, and must, be disqualified if this Declaration is found not to be true and complete in every respect;
3. I understand and declare that in the event that this bid is successful, I will be required to, and shall, fully implement the commitments that are submitted with this bid, in particular regarding the Bidder's contract participation goals and commitments towards the allocation of certain portion of the contract to small and emerging entities. Failure to implement such commitments as outlined in the bid document (in particular, as detailed in the bill of quantities) and or failure to provide the relevant information within the prescribed period as determined in the Letter of Intention to Award the Bid, shall automatically disqualify this bid from further consideration and the Employer has the right to, and must, then award the bid to the next highest ranked bidder; and as a result I or the bidder or any of its directors shall have no recourse against Umkhanyakude District Municipality.
4. I am authorized by the bidder to sign this Declaration, and to submit the accompanying bid, on behalf of the bidder;
5. 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;

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.67.

6. I am aware that, and do consent to, the disqualification of my or the bidder's future bids with Umkhanyakude District Municipality in the event that the commitments made herein are not fulfilled and that such non-fulfillment amounts to abuse of Umkhanyakude District Municipality's supply chain policies and procedures and/or empowerment objectives which must be penalized, over and above the contractual sanctions as agreed to in line with the contract signed with Umkhanyakude District Municipality, with a sanction of restricting me and or my company (the bidder) and or any of its directors from conducting business with Umkhanyakude District Municipality for a period not exceeding ten (10) years.
7. I consent that should my company (the Bidder) deviate from the commitments and the spirit of the CPG objectives as agreed to, shall amount to a repudiation of the contractual arrangement between the two parties (Umkhanyakude District Municipality and the Bidder); and Umkhanyakude District Municipality shall have the right to terminate the contract with immediate effect and without giving my company (the Bidder) prior notice to remedy the breach.

Full Names & Surname
(Duly authorized)

Signature

Date

Position

Name of Bidder

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.68.

T2.2.20 TENDERER'S EXPERIENCE

The experience of the Tenderer or joint venture partners in the case of an unincorporated joint venture or consortium will be evaluated on the basis of experience in similar projects or similar areas and conditions in relation to the scope of work. Before compiling the company's experience, the Tenderer shall familiarise himself with the evaluation criteria listed on Page T2.25 and submit only projects relevant to the functionality score for assessment.

Tenderers should briefly summarize their company's experience (and that of any specialist sub-consultants, joint venture partners or consortium members) relevant to the scope of work.

The summary table below is for information only. If a separate table is prepared, it shall be put in tabular form with the same headings.

Project name and location	Duration and Year Completed	Rand Value of work incl. VAT	Client/Employer	Client reference Contact Details

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.69.

TENDERER’S EXPERIENCE (Continued)

[INSERT HERE]

Contractor	Witness 1	Witness 2	Employer	Witness 1	Witness 2

T2.70.

T2.2.21 BANK RATING

[INSERT HERE]

T2.71.

T2.2.22 KEY PERSONNEL & EXPERIENCE OF KEY PERSONNEL

In terms of the Scope of Work and the Conditions of Tender, unskilled workers may only be brought in from outside the local community if such personnel are not available locally.

The Tenderer shall list below the personnel which he intends to utilize on the Works, including key personnel which may have to be brought in from outside if not available locally. Full names must be provided for at least the first three rows.

CATEGORY OF EMPLOYEE	NAMES AND/OR NUMBER OF PERSONS		
	KEY PERSONNEL, PART OF THE CONTRACTOR'S ORGANISATION	KEY PERSONNEL TO BE IMPORTED IF NOT AVAILABLE LOCALLY	UNSKILLED PERSONNEL TO BE RECRUITED FROM LOCAL COMMUNITY
Project Director / Contract Manager			
Construction Manager			
Site Supervisor, Quality Control			
Health & Safety Officer			
Artisans and other Skilled workers			
Plant Operators			
Unskilled Workers			
Others:.....			

The Tenderer shall attach hereto the *curricula vitae*, in the form included hereafter, of at least the Construction Manager. The information is necessary for evaluation of the tender.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.72.

EXPERIENCE OF KEY PERSONNEL

Provide relevant information (CV's) as prescribed below for each of the Key Personnel proposed in Section T2.2.9.

For the purpose of functionality evaluation, the Employer regards the experience of the following Key Personnel as critical to project success and these personnel will be scored for functionality.

The experience of each key person, relevant to the scope of work, will be evaluated from the points below:

- 1) General experience (total duration of activity), level of education and training and positions held by the key person.
- 2) The education, training and experience of the person, in the specific sector, field, subject, etc which is directly linked to the scope of work.

A CV (**not more than 3 pages**) in the required format below, shall be provided for each key person. This should be attached to this schedule. Note that Copies of Qualification and Professional Registration Certificates should be attached separately.

Each CV of the Key Personnel ONLY should be structured under the following headings:

1. Personal particulars
 - name
 - date of birth
 - place (s) of tertiary education and dates associated therewith
2. Qualifications
3. Name of current employer and position in Company
4. Overview last 10 years of experience (year, organization, position and projects)
5. Outline of recent assignments / experience that have a bearing on the scope of work for this tender and the scoring criteria below. The outline shall include start and finish dates of the assignments

The scoring of the experience of Key Personnel shall be as follows:[17%]

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.73.

EXPERIENCE OF KEY PERSONNEL (Continued)

INSERT KEY PERSONNEL's SIGNED CVs AND CERTIFIED QUALIFICATIONS HERE

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.74.

T2.2.23 QUALITY MANAGEMENT SYSTEM

Proof of valid Quality Management System certification to ISO 9001:2015 accreditation. The Quality Management System certificate must be valid at time of tendering to qualify for scoring points. No renewal letters/notifications/letters of intent/declarations will be accepted. Only valid accreditation certificate

[INSERT HERE]

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.75.

T2.2.24 QUALITY SCORE CARD

Points for quality must be entered here **by the Tenderer** based on the following Quality Scorecard. **Only Tenderers scoring 70% or more for quality will be considered eligible for evaluation.**

Tenderers should supply supporting information to prove points claimed where it's not available in other Returnable Schedules.

1) Criteria 1: Experience Applicable to last 5 years only: Maximum Score = 15

	List below up to 5 contracts of similar work undertaken as main contractor within the last 5 year Projects listed must be selected from those listed in previous Section G1a and/or G1b of T2.2.1					Value/Size of Individual Contracts	Points	Score (S)
	Contract	Value	Reference					
			Name	Organisation	Tel N°			
1.1						< R9 million R9 – 12 million R12 - 18 million > R18 million	0 1 2 3	
1.2								
1.3								
1.4								
1.5								
1.6	Possible Full Points =						15	
1.7	Actual Points Obtained S1 =							

Note: 1. *Similar work (or Project) means Water pipelines and reservoirs.*

2. *The Employer will send the "Assessment of Performance" form (see example G3) to two or more of the five references listed here. Two replies will then be used to score Criteria 5a and 5b on Pages T2.61 and T2.62.*

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.76.

2) Criteria 2: Financial Resources (Bank Rating): Maximum Score = 10

2.	Score one of the ratings listed below as reflected on rating received – see Section E1 of T2.2.1	Points	Score (S)
2.1.	Bank Rating A – Undoubted for the amount of enquiry	10	
2.2	Bank Rating B – Good for the amount of enquiry	8	
2.3	Bank Rating C – Good for the amount quoted if applied strictly in the way of business	6	
2.4	Bank Rating D – Fair trade for the amount of enquiry	3	
2.5	Bank Rating E – Figures considered too high Bank Rating F – Financial Position Unknown Bank Rating G – Dishonour on records Bank Rating H – Frequently Dishonoured	Not eligible to tender	
2.6	Possible Full Points =	10	
	Actual Points Obtained S2 =		

Note: Tenderers are to submit a copy of their bank rating in Section E of T2.52

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.77.

3) Criteria 3: Experience of Key Personnel: Maximum Score = 15

	Proposed key Personnel	Experience	Points	Score (S)
3.1	Operations Manager Name:	Professional Registration with ECSA and/or WISA with min 5 years relevant experience in similar works	1	
		Years of appropriate experience (score one of the categories)	<5 5 to 10 >10	0 1 2
3.2	Process Supervisor (Class V) – minimum of six (06) required Note the Supervisor may not be the same person as the Operations Manager. Names: (1) (2). (3) (4) (5)	Professional Registration with ECSA and/or WISA	1	
		Recognised Degree or Diploma in Civil Engineering /Chemistry with min 5 years relevant experience in similar works	2	
		Years of appropriate experience (score one of the categories)	<5 5 to 10 >10	0 1 2
3.3	Senior Process Controller (Class IV) - minimum of six (06) required Note the Process Controller may not be the same person as the Supervisor. Name: (1) (2)	Recognised Degree or Diploma in Civil Engineering /Chemistry with min 5 years relevant experience in similar works	2	
		Years of appropriate experience (score one of the categories)	<5 5 to 10 >10	0 1 2
3.4	Total number of full time skilled workers and artisans assigned (in addition to Project Director, Construction Manager and Site Supervisor)	Years of appropriate experience (score one of the categories)	0 1 2	0 1 2
			>2	3
3.5	Possible Full Points =		15	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.78.

	Proposed key Personnel	Experience	Points	Score (S)
3.6	Actual Points Obtained S3 =			

Note: *Curricula Vitae to be attached in Section: Key Personnel of T2.2.22.*

Years of appropriate experience means experience in the construction of welded steel pipelines.

Wherever points are claimed certified copies of Registration, Degrees or Diplomas to be attached as applicable. Failure to attach such information will result in nil score being recorded

4) Criteria 4: Quality Assurance Plan and Control Procedures: Maximum Score = 10

4	Score One Status As Listed Below	Points	Score (S)
4.1	ISO Accreditation	10	
4.2	Own Internal QA Plan	6	
4.3	None	0	
4.4	Possible Full Points =	10	
4.5	Actual Points Obtained S4 =		

Note: If 4.1 selected, attach current copy of ISO Accreditation Certificate.

If 4.2 selected attach copy of company Quality Assurance Plan.

Failure to attach such information will result in nil score being recorded

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.79.

5) Criteria 5: Performance on previous contract with minimum 15% on both Blue drop and Green drop undertaken within the last 5 years: Maximum Score = 50

Note: The projects with highest scores interm of blue drop and green drop will be selected and scored by the Employer from the similar projects listed in Criteria 1 Experience The Contractor will send form G3 to two or more of the similar projects or references listed in Criteria 1.
The Employer will then utilise the returned completed pages (to be attached herewith) and score based on the reference responses received.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.80.

EVALUATION SCHEDULE: CLIENT REFERENCES

The Tenderer shall provide details of his performance on each of the previous projects listed in the “Similar Relevant Experience” returnable schedule. Client References” scorecards will be completed by each of the respective Clients for the projects listed in the “Similar Relevant Experience” returnable schedule. Forms not signed, stamped and completed by the client will result in no allocation of points (zero points).

TO BE SUBMITTED BY THE CONTRACTOR TO THEIR PREVIOUS EMPLOYER FOR COMPLETION, AND RETURNED HEREWITH

The following are to be completed by the Client:

PROJECT 1: Name & Scope –

Client Department:

Contract Amount:

Contract Duration:.....

Actual Contract Duration:

	Qualitative Statements as assessed by Referees (refer to returned forms H3)	Points	Score
5a.3	“Contractor’s Management was adequate for the contract”	Not true 0 Partially fulfilled 1 Substantially fulfilled 2 Completely fulfilled 3,57 (Score from returned reference sheet H3)	
5a.4	“Contractor provided suitably qualified Site personnel”		
5a.5	“Contractor complied with Health & Safety requirements”		
5a.6	“Contractor’s provided adequate resources for the contract”		
5a.7	“Contractor’s communication and compliance to instructions was good”		
5a.8	“Quality of work produced was to drawings and specification”		
5a.9	“Contract was completed on time”		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.81.

5a.10	Possible Full Points	25	
5a.11	Actual Points Obtained S5a =		

Any other remarks to be considered necessary to assist in evaluation of the contractor?

Name of Client Representative:

Designation:

Telephone:

Client Signature: Date:

Stamp

ContractorWitness 1Witness 2EmployerWitness 1Witness 2

T2.82.

The Tenderer shall provide details of his performance on each of the previous projects listed in the “Similar Relevant Experience” returnable schedule. Client References” scorecards will be completed by each of the respective Clients for the projects listed in the “Similar Relevant Experience” returnable schedule. Forms not signed, stamped and completed by the client will result in no allocation of points (zero points).

TO BE SUBMITTED BY THE CONTRACTOR TO THEIR PREVIOUS EMPLOYER FOR COMPLETION, AND RETURNED HERewith

The following are to be completed by the Client:

PROJECT 2: Name & Scope –

Client Department:
Contract Amount:
Contract Duration:.....
Actual Contract Duration:

	Qualitative Statements as assessed by Referees (refer to returned forms G3)	Points	Score
5b.3	“Contractor’s Management was adequate for the contract”	Not true 0 Partially fulfilled 1 Substantially fulfilled 2 Completely fulfilled 3,57 (Score from returned reference sheet H3)	
5b.4	“Contractor provided suitably qualified Site personnel”		
5b.5	“Contractor complied with Health & Safety requirements”		
5b.6	“Contractor’s provided adequate resources for the contract”		
5b.7	“Contractor’s communication and compliance to instructions was good”		
5b.8	“Quality of work produced was to drawings and specification”		
5b.9	“Contract was completed on time”		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.83.

5b.10	Possible Full Points	25	
5b.11	Actual Points Obtained S5b =		

Any other remarks to be considered necessary to assist in evaluation of the contractor?

Name of Client Representative:

Designation:

Telephone:

Client Signature: Date:

Stamp

ContractorWitness 1Witness 2EmployerWitness 1Witness 2

T2.84.

Total Score for Quality
TO BE COMPLETED BY EMPLOYER DURING TENDER EVALUATION

	Criteria	Possible Full Points	Actual Points Obtained
1	Experience applicable to past 5 years	15	S1=
2	Financial Resources	10	S2=
3	Experience of Key Personnel	15	S3=
4	Quality Assurance Plan and Control Procedures	10	S4=
5	Previous Performance on Similar Projects Blue drop audit score Green drop audit score	25 25	S5a= S5b=
6	Total Possible Points	100	Total Points Obtained = % Ta =

To be scored by
Employer

Note: Only Eligible for Evaluation if
Ta ≥ 70%

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.85.

T2.2.25 AMENDMENTS, QUALIFICATIONS AND ALTERNATIVES

(This is not an invitation for amendments, deviations or alternatives but should the Tenderer desire to make any departures from the provisions of this contract he shall set out his proposals clearly hereunder. Umkhanyakude District Municipality will not consider any amendment, alternative offers or discounts unless forms (a), (b) and (c) have been completed to the satisfaction of the Employer).

I / We herewith propose the amendments, alternatives and discounts as set out in the tables below:

(a) AMENDMENTS - NOT APPLICABLE

PAGE, CLAUSE OR ITEM NO.	PROPOSED AMENDMENT

- [Notes: (1) Proposals for amendments to the General and Special Conditions of Contract are not acceptable, and will be ignored;**
- (2) The Tenderer must give full details of all the financial implications of the amendments and qualifications in a covering letter attached to his Tender.**

(b) ALTERNATIVES - NOT APPLICABLE

PROPOSED ALTERNATIVE	DESCRIPTION OF ALTERNATIVE

- [Notes: (1) Individual alternative items that do not justify an alternative Tender, and an alternative offer for time for completion should be listed here.**
- (2) In the case of a major alternative to any part of the work, a separate Bill of Quantities, programme, etc, and a detailed statement setting out the salient features of the proposed alternatives must accompany the Tender.**

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.86.

(3) Alternative Tenders involving technical modifications to the design of the works and methods of construction shall be treated separately from the main Tender offer.]

(c) UNCONDITIONAL DISCOUNTS

ITEM ON WHICH DISCOUNT IS OFFERED	DESCRIPTION OF DISCOUNT OFFERED

[Note: The Tenderer must give full details of the discounts offered in a covering letter attached to his Tender, failing which, the offer for a discount may have to be disregarded.]

Signature Date.....

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.87.

T2.2.26 RECORD OF ADDENDA TO TENDER DOCUMENTS

I / We confirm that the following communications amending the Tender documents that I / we received from Umkhanyakude District Municipality or his representative before the closing date for submission of Tenders have been taken into account in this Tender.

A signed copy of each addendum shall be inserted after this page.

ADDENDUM No	DATE	TITLE OR DETAILS

.....
Signature
(of person authorized to sign on behalf of the Tenderer)

.....
Date

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.88.

T2.2.7 SCHEDULE OF PLANT AND EQUIPMENT

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

- (a) Details of major equipment that is owned by me / us and immediately available for this contract.

DESCRIPTION (type, size, capacity etc)	QUANTITY	YEAR OF MANUFACTURE

Attach additional pages if more space is required

- (b) Details of major equipment that will be hired, or acquired for this contract if my / our tender is accepted

DESCRIPTION (type, size, capacity etc)	QUANTITY	HOW ACQUIRED	
		HIRE/ BUY	SOURCE

Attach additional pages if more space is required

The Tenderer undertakes to bring onto site without additional cost to the Employer any additional plant not listed but which may be necessary to complete the contract within the specified contract period.

Failure to complete this form properly and correctly, will lead to the conclusion that the tenderer does not have the necessary plant and equipment resources at his disposal, which will prejudice his tender.

SIGNATURE: **DATE:**
(of person authorised to sign on behalf of the Tenderer)

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.89.

T2.2.28 PROPOSED SUB CONTRACTORS

I/We hereby notify you that it is my/our intention to employ the following subcontractors for work in this contract.

If I/we am/are awarded a contract I/we agree that this notification does not change the requirement for me/us to submit the names of proposed subcontractors in accordance with requirements of the contract for such appointments. If there are no such requirements in the contract, then your written acceptance of this list shall be binding between us.

I/We confirm that all subcontractors who are contracted to construct a house or building are registered as home builders with the National Home Builders Registration Council.

NAMES AND ADDRESSES OF PROPOSED SUBCONTRACTORS	COMPANY REGISTRATION No AND CIDB CLASSIFICATION	DESCRIPTION OF WORK TO BE EXECUTED BY SUBCONTRACTOR

[Tenderers are to attach to this page the relative experience of the proposed Sub-Contractors.]

SIGNATURE: **DATE:**
(of person authorised to sign on behalf of the Tenderer)

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.90.

T2.2.29 PRELIMINARY PROGRAMME

The Tenderer shall detail below or attach a preliminary programme reflecting the proposed sequence and tempo of execution of the main work components. The programme shall be in accordance with the information supplied in the Contract, requirements of the Project Specifications and with all other aspects of his Tender.

The programme is to include the main / sub-components with associated key milestones and interdependencies including the following:

- Linkage to the activities highlighted in the method statement
- Critical path
- Any slack based on risk associated with individual task
- Resources assigned

The table below may be used for this purpose but is insufficiently detailed to ensure a good functionality score. Alternatively a separate programme may be attached. It is preferred that a separate programme, prepared using project scheduling software is attached.

The contract should note that the contract is required to be completed, commissioned and handed over to the Employer by the date specified in the contract data.

PROGRAMME														
Component / Sub-component	WEEKS / MONTHS													

Note: The programme must be based on the completion time as specified in the Contract Data. No other completion time that may be indicated on this programme will be regarded as an alternative offer, unless it is listed in supported by a detailed statement to that effect, all as specified in the Tender Data.

[INSERT HERE]

SIGNATURE: **DATE:**
(of person authorised to sign on behalf of the Tenderer)

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.91.

T2.2.30 PRELIMINARY CASH FLOW

[The Tenderer shall attach a preliminary cash flow reflecting the proposed monthly cash flow in unison with the construction program. The Tenderer shall attach a form that has enough columns to cover the time periods involved in the period for performance of the contract. The program shall be in accordance with the information supplied in the Contract, requirements of the Project Specifications and with all other aspects of this tender.]

Note: The cash flow must be based upon the completion time proposed by the tenderer or as stated elsewhere in this tender document as the case may be.

Pro Forma Cash Flow

CASHFLOW	1	2	3	4	5	6	7	8	9	10
Per Month										
Cumulative										

SIGNATURE: DATE:
(of person authorised to sign on behalf of the Tenderer)

[INSERT HERE]

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1.1.

THE CONTRACT

- C1: AGREEMENTS AND CONTRACT DATA
- C2: PRICING DATA
- C3: SCOPE OF WORK
- C4: SITE INFORMATION

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1: AGREEMENTS AND CONTRACT DATA

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C1.1 Form of Offer and Acceptance	C1.4
C1.2 Contract Data	C1.9
C1.3 Performance Guarantee.....	C1.18
C1.4 Agreement in Terms of the OHS Act N° 85 of 1993	C1.22
C1.5 Transfer of Rights and Indemnity in terms of GCC 6.10.1.5	C1.24
C1.6 Adjudicator's Certificates	C1.26

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1: AGREEMENTS AND CONTRACT DATA**IMPORTANT NOTE ON C1.1:**

ALL Tenderers MUST complete and sign Form A: OFFER (the first page hereafter).

Form B: ACCEPTANCE will be signed by the Employer and then only in the case of the successful Tenderer.

Form C: SCHEDULE OF DEVIATIONS must be signed by the Employer as well as the successful Tenderer after award of the contract.

Form D: CONFIRMATION OF RECEIPT must be signed by the successful Tenderer on receipt of a fully completed original copy of the Agreement including the Schedule of Deviations, if any.

--	--	--	--	--	--

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1.4.

C.1.1 FORM OF OFFER AND ACCEPTANCE**A: OFFER**

The Employer, identified in the Acceptance signature block, has solicited offers to enter into a contract for the procurement of **APPOINTMENT OF SERVICE PROVIDER FOR MANAGEMENT, OPERATION & MAINTENANCE OF WATER AND WASTEWATER TREATMENT FACILITIES AND ASSOCIATION BULK DISTRIBUTION INFRASTRUCTURE.**

The Tenderer, identified in the Offer signature block, has examined the documents listed in the Tender Data and addenda thereto as listed in the Returnable Schedules, and by submitting this Offer has accepted the Conditions of Tender.

By the representative of the Tenderer, deemed to be duly authorized, signing this apart of this Form of Offer and Acceptance, the Tenderer offers to perform all of the obligations and liabilities of the Contractor under the Contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the Conditions of Contract identified in the Contract Data.

THE OFFERED TOTAL OF THE PRICES INCLUSIVE OF VAT IS:

(in words)

.....

.....Rand;

(in figures) R.....

The Tenderer confirms that he has read the Standard Professional Services Contract referred to in C1.2 Contract Data.

This Offer may be accepted by the Employer by signing the Acceptance part of this Form of Offer and Acceptance and returning one copy of this document to the Tenderer before the end of the period of validity stated in the Tender Data, whereupon the Tenderer becomes the party named as the Contractor in the Conditions of Contract identified in the Contract Data.

Signature(s) *(of persons authorized to sign the acceptance)*

Name(s)

Capacity

For the Tenderer:*(Insert name and address of organization)*

.....

Name & Signature of Witness

Date

--

Contractor

--

Witness 1

--

Witness 2

--

Employer

--

Witness 1

--

Witness 2

B: ACCEPTANCE

By signing this part of the Form of Offer and Acceptance, the Employer identified below accepts the Tenderer's Offer. In consideration thereof, the Employer shall pay the Contractor the amount due in accordance with the Conditions of Contract identified in the Contract Data. Acceptance of the Tenderer's Offer shall form an agreement between the Employer and the Tenderer upon the terms and conditions contained in this Agreement and in the Contract that is the subject of this Agreement.

The terms of the contract are contained in:

- C.1 Agreement, and Contract Data, (which include this Agreement)
- C.2 Pricing Data, including the Bill of Quantities
- C.3 Scope of Work
- C.4 Site Information
- C.5 Annexures

and the schedules, forms, drawings and documents or parts thereof, which may be incorporated by reference into Parts 1 to 5 above.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Tender Schedules as well as any changes to the terms of the Offer agreed by the Tenderer and the Employer during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Agreement. No amendments to or deviations from said documents are valid unless contained in this Schedule, which must be duly signed by the authorized representatives of both parties.

The Tenderer shall within two weeks after receiving a completed copy of this Agreement, including the Schedule of Deviations (if any), contact the Employer's agent (whose details are given in the Contract Data) to arrange the delivery of any other bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the Conditions of Contract identified in the Contract Data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this Agreement.

Notwithstanding anything contained herein, this Agreement comes into effect on the date when the Tenderer receives one fully completed original copy of this document, including the Schedule of Deviations (if any). Unless the Tenderer (now Service Provider) within five days of the date of such receipt notifies the Employer in writing of any reason why he cannot accept the contents of this Agreement, this Agreement shall constitute a binding contract between the parties.

Signature: *(of person authorized to sign the acceptance)*

Name: *(of signatory in capitals)*

Capacity: *(of Signatory)*

Name of Employer: *(organization)* Umkhanyakude District Municipality

Address Harlinger No. 13433, Kingfisher Rd, Mkuze, KwaZulu Natal

Telephone number: 035 573 8600 **Fax number:**

AS WITNESS

Signature:..... **Name:** *(in capitals)*

Date:

--

Contractor

--

Witness 1

--

Witness 2

--

Employer

--

Witness 1

--

Witness 2

C: SCHEDULE OF DEVIATIONS

The extent of deviations from the tender documents issued by Umkhanyakude District Municipality prior to the tender closing date is limited to those permitted in terms of the Tender Data and the Conditions of Tender.

A Tenderer's covering letter will not necessarily be included in the final contract document. Should any matter in such letter, which constitutes a deviation as aforesaid become the subject of agreements reached during the process of offer and acceptance, the outcome of such agreement shall be recorded here.

Any other matters arising from the process of offer and acceptance either as a confirmation, clarification or change to the tender documents and which it is agreed by the Parties becomes an obligation of the contract shall also be recorded here.

Any change or addition to the tender documents arising from the above agreements and recorded here shall also be incorporated into the final draft of the Contract.

1. **Subject:**
Details:
.....
2. **Subject:**
Details:
.....
3. **Subject:**
Details:
.....
4. **Subject:**
Details:
.....
5. **Subject:**
Details:
.....
6. **Subject:**
Details:
.....
7. **Subject:**
Details:
.....

By the duly authorized representatives signing this Schedule of Deviations, Umkhanyakude District Municipality and the Tenderer agree to and accept the foregoing Schedule of Deviations as the only deviations from and amendments to the documents listed in the Tender Data and addenda thereto as listed in the Tender Schedules, as well as any confirmation, clarification or change to the terms of the offer agreed by the Tenderer and Umkhanyakude District Municipality during this process of offer and acceptance.

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

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1.7.

FOR THE TENDERER:

Signature:

Name:

Capacity:

Tenderer: *(Name and address of organization)***Witness:**

Signature:

Name:

Date:

FOR UMKHANYAKUDE DISTRICT MUNICIPALITY

Signature:

Name:

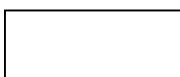
Capacity:

Witness:

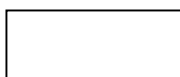
Signature:

Name:

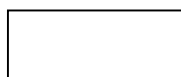
Date:



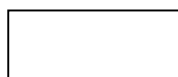
Contractor



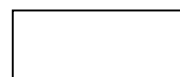
Witness 1



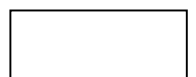
Witness 2



Employer



Witness 1



Witness 2

C1.8.

D: CONFIRMATION OF RECEIPT

The Tenderer, (now Service Provider), identified in the Offer part of this Agreement hereby confirms receipt from the Employer, identified in the Acceptance part of this Agreement, of one fully completed original copy of this Agreement, including the Schedule of Deviations on this

FOR THE CONTRACTOR:

Signature:

Name:

Capacity:

Signature and name of witness:

Signature:

Name:

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1.2 CONTRACT DATA (INCLUDING SPECIAL CONDITIONS OF CONTRACT)

This services contract is based upon the Standard Professional Services Contract (July 2009) (third Edition of CIDB document 1014), published by the Construction Industry Development Board (see www.cidb.org.za).

Each item of data given below is cross-referenced to the clause in the Conditions of Contract to which it mainly applies.

Special Conditions of Contract

1. National Treasury Central Supplier Database

The successful Tenderer is required to provide proof of registration with the National Treasury Central Supplier Database (CSD) prior to the award of contract.

2. Application of Contract Price Adjustment Factor

Contract Price Adjustment will not be applicable

3. Progress Measurement and Payments

Progress measurement shall take place on or before, but not later than, the 20th of the month, but should the 20th be a 'non-working' day, it shall take place on the last working day prior to the 20th.

Statements, invoices and back-up documentation together with a Payment Certificate shall be submitted to the Employer on or before the 25th of the month for payment not later than the last day of the month following the month in which same were submitted.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

PART 1: DATA PROVIDED BY THE EMPLOYER**CONDITIONS OF CONTRACT**

The Conditions of Contract are

- the “General Conditions of Contract” o “The General Conditions of Contract for Construction Works, Third Edition, 2015” published by the South African Institution of Civil Engineering, Private Bag X200, Halfway House, 1685 and obtainable from www.saice.org.za; together with
 - o each subsequent corrigendum and erratum thereto, as issued by their publisher up to the Base Date of this Contract;
(collectively hereinafter referred to as GCC 2015); and
- amendments to the GCC 2015 as contained in this Contract Data.

Each party to the Contract shall purchase its own copy of the correct print edition of the GCC 2015 that applies to this Contract (see Note 1 below), available from the publisher:

South African Institution of Civil Engineering
Private Bag X200
Halfway House 1685
South Africa
Tel +27 (0)11 805 5947
www.saice.org.za

NOTES:**Note 1**

GCC 2015 makes several references to the Contract Data. The Contract Data shall take precedence over the GCC 2015 in the interpretation of any ambiguity or inconsistency.

Note 2

Each item of data below is cross-referenced to the Clause in the GCC 2015 to which it applies.

Note 3

The documents forming the Contract are to be taken as mutually explanatory of one another.

Note 4

Certain pro-forma forms and pro-forma agreements contained in the GCC 2015 have been adapted for this particular Contract. Those pro-forma forms and pro-forma agreements contained in the GCC 2015 do not apply where replaced by similar pro-forma forms and pro-forma agreements in this procurement document.

Note 5 The term ‘Employer’s Agent’ in this tender has the same meaning as ‘Engineer’ as used in earlier versions of GCC and still in customary use in the construction industry and shall be understood in this sense.

CONTRACT-SPECIFIC DATA

Each item of data given below is cross-referenced to the clause in the Conditions of Contract to which it applies.

The following contract-specific data, referring to the General Conditions of Contract, are applicable to this Contract:

--	--	--	--	--	--

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1.11.

**GENERAL CONDITIONS
OF CONTRACT 2015****NOTES**

The purpose of this document is to:

- (i) draw special attention to certain general conditions applicable to bids, contracts and orders; and
- (ii) ensure that clients are familiar with the rights and obligations of all parties involved in doing business with the State / Municipality / Municipal Entity.

In this document words in the singular also mean in the plural and vice versa, and words in the masculine also mean in the feminine and neuter.

The General Conditions of Contract will form part of all bid documents and may not be amended.

Special Conditions of Contract (SCC) relevant to a specific bid should be compiled separately for every bid, if applicable, and will supplement these General Conditions of Contract. Whenever there is a conflict, the provisions in the SCC shall prevail.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

TABLE OF CLAUSES

1. Definitions	
2. Application.....	
3. General.....	
4. Standards	
5. Use of contract documents and information; inspection	
6. Patent rights	
7. Performance security	
8. Inspections, tests and analyses	
9. Packing.....	
10. Delivery	
11. Insurance	
12. Transportation	
13. Incidental	
14. Spare parts.....	
15. Warranty.....	
16. Payment	
17. Prices	
18. Variation orders	
19. Assignment	
20. Subcontracts	
21. Delays in the supplier's performance	
22. Penalties	
23. Termination for default	
24. Anti-dumping and countervailing duties and rights	
25. Force majeure	
26. Termination for insolvency	
27. Settlement of disputes.....	
28. Limitation of liability	
29. Governing language	
30. Applicable law	
31. Notices	
32. Taxes and duties	
33. Transfer of contracts	
34. Amendment of contracts	
35. Prohibition of restrictive practices	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

1. DEFINITIONS

The following terms shall be interpreted as indicated:

- 1.1 "Closing time" means the date and hour specified in the bidding documents for the receipt of bids.
- 1.2 "Contract" means the written agreement entered into between the purchaser and the supplier, as recorded in the contract form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- 1.3 "Contract price" means the price payable to the supplier under the contract for the full and proper performance of his contractual obligations.
- 1.4 "Corrupt practice" means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.
- 1.5 "Countervailing duties" are imposed in cases where an enterprise abroad is subsidized by its government and encouraged to market its products internationally.
- 1.6 "Country of origin" means the place where the goods were mined, grown or produced or from which the services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembly of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.
- 1.7 "Day" means calendar day.
- 1.8 "Delivery" means delivery in compliance with the conditions of the contract or order.
- 1.9 "Delivery ex stock" means immediate delivery directly from stock actually on hand.
- 1.10 "Delivery into consignee's store or to his site" means delivered and unloaded in the specified store or depot or on the specified site in compliance with the conditions of the contract or order, the supplier bearing all risks and charges involved until the supplies are so delivered and a valid receipt is obtained.
- 1.11 "Dumping" occurs when a private enterprise abroad markets its goods on its own initiative in the RSA at lower prices than that of the country of origin, and which have the potential to harm local industries in the RSA.
- 1.12 "Force majeure" means an event beyond the control of the supplier and not involving the supplier's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- 1.13 "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any bidder, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial, non-competitive levels, and to deprive the bidder of the benefits of free and open competition.
- 1.14 "GCC" means the General Conditions of Contract.
- 1.15 "Goods" means all of the equipment, machinery, and/or other materials that the supplier is required to supply to the purchaser under the contract.
- 1.16 "Imported content" means that portion of the bidding price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or his subcontractors), and which costs are inclusive of the costs abroad, plus freight and other direct importation costs such as landing costs, dock dues, import duty, sales duty or other similar tax or duty at the South African place of entry, as well as transportation and handling charges to the factory in the Republic where the supplies covered by the bid will be manufactured.
- 1.17 "Local content" means that portion of the bidding price which is not included in the imported content, provided that local manufacture does take place.
- 1.18 "Manufacture" means the production of products in a factory using labour, materials, components and machinery, and includes other related value-adding activities.
- 1.19 "Order" means an official written order issued for the supply of goods or works or the rendering of a service.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1.14.

- 1.20 "Project site", where applicable, means the place indicated in the bidding documents.
- 1.21 "Purchaser" means the organization purchasing the goods.
- 1.22 "Republic" means the Republic of South Africa.
- 1.23 "SCC" means the Special Conditions of Contract.
- 1.24 "Services" means those functional services ancillary to the supply of the goods, such as transportation and any other incidental services, such as installation, commissioning, provision of technical assistance, training, catering, gardening, security, maintenance and other such obligations of the supplier covered under the contract.
- 1.25 "Supplier" means the successful bidder who is awarded the contract to maintain and administer the required and specified service(s) to the State.
- 1.26 "Tort" means a breach of a duty imposed by law, other than a breach of contract.
- 1.27 "Turnkey" means a procurement process where one service provider assumes total responsibility for all aspects of the project and delivers the full end product / service required by the contract.
- 1.28 "Written" or "in writing" means handwritten in ink, or any form of electronic or mechanical writing.

2. APPLICATION

- 2.1 These general conditions are applicable to all bids, contracts and orders, including bids for functional and professional services, sales, hiring, letting and the granting or acquiring of rights, but excluding immovable property, unless otherwise indicated in the bidding documents.
- 2.2 Where applicable, special conditions of contract are also laid down to cover specific supplies, services or works.
- 2.3 Where such special conditions of contract are in conflict with these general conditions, the special conditions shall apply.

3. GENERAL

- 3.1 Unless otherwise indicated in the bidding documents, the purchaser shall not be liable for any expense incurred in the preparation and submission of a bid. Where applicable, a non-refundable fee for documents may be charged.
- 3.2 Invitations to bid are usually published in locally distributed news media and on the municipality's / municipal entity's website.

4. STANDARDS

- 4.1 The goods supplied shall conform to the standards mentioned in the bidding documents and specifications.

5. USE OF CONTRACT DOCUMENTS AND INFORMATION; INSPECTION

- 5.1 The supplier shall not, without the purchaser's prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the purchaser in connection therewith, to any person other than a person employed by the supplier in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.
- 5.2 The supplier shall not, without the purchaser's prior written consent, make use of any document or information mentioned in GCC clause 5.1, except for purposes of performing the contract.
- 5.3 Any document, other than the contract itself, mentioned in GCC clause 5.1 shall remain the property of the purchaser and shall be returned (all copies) to the purchaser on completion of the supplier's performance under the contract, if so required by the purchaser.
- 5.4 The supplier shall permit the purchaser to inspect the supplier's records relating to the performance of the supplier, and to have them audited by auditors appointed by the purchaser, if so required by the purchaser.

Contractor

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6. PATENT RIGHTS

- 6.1 The supplier shall indemnify the purchaser against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the goods or any part thereof by the purchaser.
- 6.2 Where a supplier develops documentation / projects for the municipality / municipal entity, the intellectual property, copyright and patent rights, or ownership, of such documents or projects shall vest in the municipality / municipal entity.

7. PERFORMANCE SECURITY

- 7.1 Within thirty (30) days of receipt of the notification of contract award, the successful bidder shall furnish to the purchaser the performance security in the amount specified in the SCC.
- 7.2 The proceeds of the performance security shall be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete his obligations under the contract.
- 7.3 The performance security shall be denominated in the currency of the contract, or in a freely convertible currency acceptable to the purchaser, and shall be in one of the following forms:
- (a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the purchaser's country or abroad, acceptable to the purchaser, in the form provided in the bidding documents or another form acceptable to the purchaser; or
 - (b) a cashier's or certified cheque.
- 7.4 The performance security will be discharged by the purchaser and returned to the supplier not later than thirty (30) days following the date of completion of the supplier's performance obligations under the contract, including any warranty obligations, unless otherwise specified.

8. INSPECTIONS, TESTS AND ANALYSES

- 8.1 All pre-bidding testing shall be for the account of the bidder.
- 8.2 If it is a bid condition that supplies to be produced, or services to be rendered, should at any stage during production or execution, or on completion, be subject to inspection, tests and analyses, the premises of the bidder or contractor shall be open, at all reasonable hours, for inspection by a representative of the purchaser or an organization acting on behalf of the purchaser.
- 8.3 If there are no inspection requirements indicated in the bidding documents and no mention is made in the contract, but during the contract period it is decided that inspections shall be carried out, the purchaser shall itself make the necessary arrangements, including payment arrangements with the testing authority concerned.
- 8.4 If the inspections, tests and analyses referred to in clauses 8.2 and 8.3 show the goods to be in accordance with the contract requirements, the cost of the inspections, tests and analyses shall be defrayed by the purchaser.
- 8.5 Where the goods or services referred to in clauses 8.2 and 8.3 do not comply with the contract requirements, irrespective of whether such goods or services are accepted or not, the cost in connection with these inspections, tests or analyses shall be defrayed by the supplier.
- 8.6 Supplies and services referred to in clauses 8.2 and 8.3 which do not comply with the contract requirements may be rejected.
- 8.7 Any contract goods may, on or after delivery, be inspected, tested or analyzed, and may be rejected if found not to comply with the requirements of the contract. Such rejected goods shall be held at the cost and risk of the supplier who shall, when called upon, remove them immediately at his own cost and forthwith substitute them with goods which do comply with the requirements of the contract. Failing such removal, the rejected goods shall be returned at the supplier's cost and risk. Should the supplier fail to provide the substitute goods forthwith, the purchaser may, without giving the supplier further opportunity to substitute the rejected goods, purchase such goods as may be necessary at the expense of the supplier.

Contractor

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Witness 2

Employer

Witness 1

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C1.16.

- 8.8 The provisions of clauses 8.4 to 8.7 shall not prejudice the right of the purchaser to cancel the contract on account of a breach of the conditions thereof, or to act in terms of clause 22 of the GCC.

9. PACKING

- 9.1 The supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit, exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing, case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.
- 9.2 The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the contract, including additional requirements, and any subsequent instructions issued by the purchaser.

10. DELIVERY

- 10.1 Delivery of the goods shall be made by the supplier in accordance with the terms specified in the contract. The details of shipping and/or other documents to be furnished by the supplier shall be as specified in the contract.

11. INSURANCE

- 11.1 The goods supplied under the contract shall be fully insured, in a freely convertible currency, against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery, in the manner specified.

12. TRANSPORTATION

- 12.1 Should a price other than an all-inclusive delivered price be required, this shall be specified.

13. INCIDENTAL SERVICES

- 13.1 The supplier may be required to provide any or all of the following services, including additional services, if any:
- (a) performance or supervision of on-site assembly and/or commissioning of the supplied goods;
 - (b) furnishing of tools required for assembly and/or maintenance of the supplied goods;
 - (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods;
 - (d) performance or supervision of maintenance and/or repair of the supplied goods for a period of time agreed by the parties, provided that this service shall not relieve the supplier of any warranty obligations under this contract; and
 - (e) training of the purchaser's personnel, at the supplier's plant and/or on-site, in assembly, start-up, operation, maintenance and/or repair of the supplied goods.
- 13.2 Prices charged by the supplier for incidental services, if not included in the contract price for the goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the supplier for similar services.

14. SPARE PARTS

- 14.1 As specified, the supplier may be required to provide any or all of the following materials, notifications and information pertaining to spare parts manufactured or distributed by the supplier:
- (a) such spare parts as the purchaser may elect to purchase from the supplier, provided that this election shall not relieve the supplier of any warranty obligations under the contract; and
 - (b) in the event of termination of production of the spare parts:
 - (i) advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements; and

Contractor

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- (ii) following such termination, furnishing at no cost to the purchaser the blueprints, drawings and specifications of the spare parts, if requested.

15. WARRANTY

- 15.1 The supplier warrants that the goods supplied under the contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the contract. The supplier further warrants that all goods supplied under this contract shall have no defect arising from design, materials or workmanship (except when the design and/or material is required by the purchaser's specifications), or from any act or omission of the supplier, that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination.
- 15.2 This warranty shall remain valid for twelve (12) months after the goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise in the SCC.
- 15.3 The purchaser shall promptly notify the supplier, in writing, of any claims arising under this warranty.
- 15.4 Upon receipt of such notice, the supplier shall, within the period specified and with all reasonable speed, repair or replace the defective goods or parts thereof, without cost to the purchaser.
- 15.5 If the supplier, having been notified, fails to remedy the defect(s) within the period specified, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expense, and without prejudice to any other rights which the purchaser may have against the supplier under the contract.

16. PAYMENT

- 16.1 The method and conditions of payment to be made to the supplier under this contract shall be as specified.
- 16.2 The supplier shall furnish the purchaser with an invoice, accompanied by a copy of the delivery note, and upon fulfilment of other obligations stipulated in the contract.
- 16.3 Payments shall be made promptly by the purchaser, but in no case later than thirty (30) days after submission of an invoice or claim by the supplier.
- 16.4 Payment will be made in Rand, unless otherwise stipulated.

17. PRICES

- 17.1 Prices charged by the supplier for goods delivered and services performed under the contract shall not vary from the prices quoted by the supplier in his bid, with the exception of any price adjustments authorized, or in the purchaser's request for bid validity extension, as the case may be.

18. VARIATION ORDERS

- 18.1 In cases where the estimated value of the envisaged changes in purchase does not vary by more than 15% of the total value of the original contract, the contractor may be instructed to deliver the goods or render the services as varied. In cases of measurable quantities, the contractor may be approached to reduce the unit price, and such offers may be accepted, provided that there is no escalation in price.

19. ASSIGNMENT

The supplier shall not assign, in whole or in part, its obligations to perform under the contract, except with the purchaser's prior written consent.

20. SUBCONTRACTS

Contractor

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C1.18.

The supplier shall notify the purchaser in writing of all subcontracts awarded under this contract, if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the supplier from any liability or obligation under the contract.

21. DELAYS IN THE SUPPLIER'S PERFORMANCE

- 21.1 Delivery of the goods and performance of services shall be made by the supplier in accordance with the time schedule prescribed by the purchaser in the contract.
- 21.2 If, at any time during performance of the contract, the supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the goods and performance of services, the supplier shall promptly notify the purchaser in writing of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the supplier's notice, the purchaser shall evaluate the situation and may, at its discretion, extend the supplier's time for performance, with or without the imposition of penalties, in which case the extension shall be ratified by the parties by amendment of the contract.
- 21.3 The purchaser reserves the right to procure outside of the contract small quantities, or to have minor essential services executed, if an emergency arises, if the supplier's point of supply is not situated at or near the place where the supplies are required, or if the supplier's services are not readily available.
- 21.4 Except as provided under GCC clause 25, a delay by the supplier in the performance of its delivery obligations shall render the supplier liable to the imposition of penalties, pursuant to GCC clause 22, unless an extension of time is agreed upon pursuant to GCC clause 21.2 without the application of penalties.
- 21.5 Upon any delay beyond the delivery period in the case of a supplies contract, the purchaser shall, without cancelling the contract, be entitled to purchase supplies of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract, and to return any goods delivered later at the supplier's expense and risk, or to cancel the contract and buy such goods as may be required to complete the contract, and, without prejudice to its other rights, be entitled to claim damages from the supplier.

22. PENALTIES

Subject to GCC clause 25, if the supplier fails to deliver any or all of the goods, or to perform the services, within the period(s) specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as a penalty, a sum calculated on the delivered price of the delayed goods or unperformed services, using the current prime interest rate, calculated for each day of the delay until actual delivery or performance. The purchaser may also consider termination of the contract pursuant to GCC clause 23.

23. TERMINATION FOR DEFAULT

- 23.1 The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, may terminate this contract in whole or in part:
- (a) if the supplier fails to deliver any or all of the goods within the period(s) specified in the contract, or within any extension thereof granted by the purchaser pursuant to GCC clause 21.2;
 - (b) if the supplier fails to perform any other obligation(s) under the contract; or
 - (c) if the supplier, in the judgment of the purchaser, has engaged in corrupt or fraudulent practice in competing for, or in executing, the contract.
- 23.2 In the event that the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner as it deems appropriate, goods, works or services similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods, works or services. However, the supplier shall continue performance of the contract to the extent not terminated.
- 23.3 Where the purchaser terminates the contract in whole or in part, the purchaser may decide to impose a restriction penalty on the supplier by prohibiting such supplier from doing business with the public sector for a period not exceeding ten (10) years.

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- 23.4 If the purchaser intends imposing a restriction on a supplier, or any person associated with the supplier, the supplier shall be allowed a period of not more than fourteen (14) days to provide reasons why the envisaged restriction should not be imposed. Should the supplier fail to respond within the stipulated fourteen (14) days, the purchaser may regard the supplier as having no objection and proceed with the restriction.
- 23.5 Any restriction imposed on any person by the purchaser will, at the discretion of the purchaser, also be applicable to any other enterprise, or any partner, manager, director or other person who wholly or partly exercises, or exercised, or may exercise control over the enterprise of the first-mentioned person, and with which enterprise or person the first-mentioned person is, or was, in the opinion of the purchaser, actively associated.
- 23.6 If a restriction is imposed, the purchaser must, within five (5) working days of such imposition, furnish the National Treasury with the following information:
- (a) the name and address of the supplier and/or person restricted by the purchaser;
 - (b) the date of commencement of the restriction;
 - (c) the period of restriction; and
 - (d) the reasons for the restriction.

These details will be loaded onto the National Treasury's central database of suppliers or persons prohibited from doing business with the public sector.

- 23.7 If a court of law convicts a person of an offence as contemplated in sections 12 or 13 of the Prevention and Combating of Corrupt Activities Act, No. 12 of 2004, the court may also rule that such person's name be endorsed on the Register for Tender Defaulters. Once a person's name has been endorsed on the Register, the person will be prohibited from doing business with the public sector for a period of not less than five (5) years and not more than ten (10) years. The National Treasury is empowered to determine the period of restriction, and each case will be dealt with on its own merits. In terms of section 32 of the Act, the Register must be open to the public, and can be viewed on the National Treasury website.

24. ANTI-DUMPING AND COUNTERVAILING DUTIES AND RIGHTS

When, after the date of bid, provisional payments are required, or anti-dumping or countervailing duties are imposed, or the amount of a provisional payment or anti-dumping or countervailing right is increased in respect of any dumped or subsidized import, the State shall not be liable for any amount so required or imposed, or for the amount of any such increase. Where, after the said date, such a provisional payment is no longer required, or any such anti-dumping or countervailing right is abolished, or the amount of such provisional payment or right is reduced, any such favourable difference shall, on demand, be paid forthwith by the contractor to the State, or the State may deduct such amounts from any moneys which may otherwise be due to the contractor in respect of supplies or services delivered or rendered, or to be delivered or rendered, in terms of the contract or any other contract, or any other amount due to the contractor.

25. FORCE MAJEURE

- 25.1 Notwithstanding the provisions of GCC clauses 22 and 23, the supplier shall not be liable for forfeiture of its performance security, damages, or termination for default, if and to the extent that its delay in performance, or other failure to perform its obligations under the contract, is the result of an event of force majeure.
- 25.2 If a force majeure situation arises, the supplier shall promptly notify the purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the purchaser in writing, the supplier shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means of performance not prevented by the force majeure event.

26. TERMINATION FOR INSOLVENCY

The purchaser may, at any time, terminate the contract by giving written notice to the supplier if the supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the

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supplier, provided that such termination shall not prejudice or affect any right of action or remedy which has accrued, or will accrue thereafter, to the purchaser.

27. SETTLEMENT OF DISPUTES

- 27.1 If any dispute or difference of any kind whatsoever arises between the purchaser and the supplier in connection with, or arising out of, the contract, the parties shall make every effort to resolve such dispute or difference amicably by mutual consultation.
- 27.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, either the purchaser or the supplier may give notice to the other party of its intention to commence mediation. No mediation in respect of this matter may be commenced unless such notice is given to the other party.
- 27.3 Should it not be possible to settle a dispute by means of mediation, it may be settled in a South African court of law.
- 27.4 Notwithstanding any reference to mediation and/or court proceedings herein:
- (a) the parties shall continue to perform their respective obligations under the contract, unless they otherwise agree; and
 - (b) the purchaser shall pay the supplier any monies due for goods delivered and/or services rendered in accordance with the terms of the contract.

28. LIMITATION OF LIABILITY

- 28.1 Except in cases of criminal negligence or wilful misconduct, and in the case of infringement pursuant to clause 6:
- (a) the supplier shall not be liable to the purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the supplier to pay penalties and/or damages to the purchaser; and
 - (b) the aggregate liability of the supplier to the purchaser, whether under the contract, in tort or otherwise, shall not exceed the total contract price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

29. GOVERNING LANGUAGE

The contract shall be written in English. All correspondence and other documents pertaining to the contract exchanged between the parties shall also be written in English.

30. APPLICABLE LAW

The contract shall be interpreted in accordance with the laws of South Africa, unless otherwise specified.

31. NOTICES

- 31.1 Every written acceptance of a bid shall be posted to the supplier concerned by registered or certified mail, and any other notice to the supplier shall be posted by ordinary mail to the address furnished in its bid, or to the address notified later by it in writing; such posting shall be deemed to be proper service of such notice.
- 31.2 The time mentioned in the contract documents for performing any act after the aforesaid notice has been given shall be reckoned from the date of posting of such notice.

32. TAXES AND DUTIES

- 32.1 A foreign supplier shall be entirely responsible for all taxes, stamp duties, licence fees and other such levies imposed outside the purchaser's country.
- 32.2 A local supplier shall be entirely responsible for all taxes, duties, licence fees, etc., incurred until delivery of the contracted goods to the purchaser.

Contractor

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Employer

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32.3 No contract shall be concluded with any bidder whose tax matters are not in order. Prior to the award of a bid, the South African Revenue Service (SARS) must have certified that the tax matters of the preferred bidder are in order.

32.4 No contract shall be concluded with any bidder whose municipal rates and taxes and municipal service charges are in arrears.

33. TRANSFER OF CONTRACTS

The contractor shall not abandon, transfer, cede, assign or sublet a contract, or any part thereof, without the written permission of the purchaser.

34. AMENDMENT OF CONTRACTS

No agreement to amend or vary a contract or order, or the conditions, stipulations or provisions thereof, shall be valid and of any force unless such agreement to amend or vary is entered into in writing and signed by the contracting parties. Any waiver of the requirement that the agreement to amend or vary be in writing shall likewise be in writing.

35. PROHIBITION OF RESTRICTIVE PRACTICES

35.1 In terms of section 4(1)(b)(iii) of the Competition Act, No. 89 of 1998, as amended, an agreement between, or concerted practice by, firms, or a decision by an association of firms, is prohibited if it is between parties in a horizontal relationship and if a bidder(s) is / are, or a contractor(s) was / were, involved in collusive bidding.

35.2 If a bidder(s) or contractor(s), based on reasonable grounds or evidence obtained by the purchaser, has / have engaged in the restrictive practice referred to above, the purchaser may refer the matter to the Competition Commission for investigation and the possible imposition of administrative penalties, as contemplated in section 59 of the Competition Act, No. 89 of 1998.

35.3 If a bidder(s) or contractor(s) has / have been found guilty by the Competition Commission of the restrictive practice referred to above, the purchaser may, in addition to and without prejudice to any other remedy provided for, invalidate the bid(s) for such item(s) offered, and/or terminate the contract in whole or in part, and/or restrict the bidder(s) or contractor(s) from conducting business with the public sector for a period not exceeding ten (10) years, and/or claim damages from the bidder(s) or contractor(s) concerned.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Compulsory Data:

Clause	Data
1.1.1.13	The Defects Liability Period is 0 days
1.1.1.14	Time for completion is 36 months
1.1.1.15	The name of the Employer is uMkhanyakude District Municipality
1.1.1.26	The Pricing Strategy of a Re-measurement Contract shall apply
1.2.1.2	The address of the Employer is: Physical address: Stand 13433 Kingfisher Road MKUZE 3965 Postal address: Private Bag 449 MKUZE 3965 e-mail address: sizwe.abs@gmail.com Contact numbers: Tel. : (035) 573 8600 Fax : (035) 573 8730
1.1.1.16	The name of the Employer's Agent is: N/A
1.2.1.2	The address of the Employer's Agent is: Physical address: Stand 13433 Kingfisher Road MKUZE 3965 Postal address: Private Bag 449 MKUZE 3965 e-mail address: sizwe.abs@gmail.com Contact numbers: Tel. : (035) 573 8600 Fax : (035) 573 8730

Contractor

Witness 1

Witness 2

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Witness 2

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Clause	Data
1.3.2	The governing law applicable is the law of South Africa
1.3.3	The language of the contract and for written communication is English (South Africa)
3.2.3	The Employer's Agent shall obtain the specific approval of the Employer before carrying out any of his functions or duties according to the following Clauses of the General Conditions of Contract.
4.10.1	The contractor shall employ a Community Liaison Officer (CLO), who will be identified by the Employer and on terms specified in this document. The contractor shall recruit local labour only through the services of the CLO in consultation with the Project Steering Committee. Contractor's default in Payment to Labourers and Employees: Any dispute between the Contractor and labourers, regarding delayed payment or default in payment of fair wages, if not resolved immediately may compel the Employer to intervene. The Employer may, upon the Contractor defaulting payment, pay the moneys due to the workers not honoured in time, out of any moneys due or which may become due to the Contractor under the Contract.
5.3.1	The documentation required before commencement with Works execution are: • Health and Safety Plan (Refer to Clause 4.3) • A signed Agreement between the Employer and the Contractor for the Works to be completed by the Contractor in terms of the provisions of Section 37(2) of the Occupational Health and Safety Act (Act No.85 of 1993) and the Construction Regulations promulgated thereunder (Refer to Clause 4.3). • Initial programme (Refer to Clause 5.6) • Performance Security (Refer to Clause 6.2) • Insurance (Refer to Clause 8.6)
5.3.2	The time to submit the documentation required before commencement with Works execution is 14 days
5.4.2	The access and possession of Site shall not be exclusive to the Contractor but shall be as set out elsewhere in the Contract.

Contractor

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Witness 2

Employer

Witness 1

Witness 2

Clause	Data
5.8.1	The non-working days are Sundays The special non-working Days are: - Any statutory public holiday in terms of the Public Holidays Act, and, where such statutory public holiday falls on a Sunday, and the next Monday subsequently becomes a statutory public holiday in terms of the Public Holidays Act, then both the relevant Sunday and the relevant Monday shall be special non-working days for the non essential service operations under the contract. Essential services workers/staff are expected to remain at work and the employer shall compensate them accordingly. - any proclaimed statutory day of mourning which is proclaimed as a statutory public holiday; - any proclaimed statutory election day which is proclaimed as a statutory public holiday; and - all annual year-end shutdown periods as recommended by the South African Bargaining Council for the Civil Engineering Industry.
5.12.2.2	Extension of Time for Abnormal Rainfall Extensions of time not to be considered for abnormal rainfall in terms of Clause 5.12.2.2. However rainfall records are to be kept for the duration of this contract. For the record keeping purpose, accurate rain gauging shall be taken at suitable points on each site and the Contractor shall at his own expense, take all necessary precautions to ensure that rain gauges cannot be interfered with by unauthorized persons.
5.13.1	The scheduled or emergency repair works are to be completed within the forty eight hour (48) period.
5.16.3	The latent defect period is 10 years, commencing on the day after the date of certification of Practical Completion
6.2.1	The security to be provided by the Contractor shall be a total not exceeding 10% of the Contract Sum in a form to be selected by the Contractor from the applicable options in C1.2.2.
6.5.1.2.3	The percentage allowance to cover overhead charges is: 50% on the cost of labour (6.5.1.2.1) and 15% on the cost of materials (6.5.1.2.2).

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1.25.

Clause	Data
6.8.2	The value of the certificates issued shall be adjusted in accordance with the Contract Price Adjustment Schedule with the following values: The value of the Contract Price Adjustment Factor shall be calculated to 4 decimal places. The value of "x" is 0,10. The values of the coefficients are: a = 0,25 for labour (L) b = 0,25 for equipment and plant (P) c = 0,40 for material (M) d = 0,10 for fuel (F) The sites (water treatment facilities) thereof shall be deemed to be located within the UMkhanyakude Municipality in the national province of KwaZulu-Natal.



Contractor



Witness 1



Witness 2



Employer



Witness 1



Witness 2

C1.26.

Clause	Data
	<i>The descriptions of the "L", "P", "M" and "F" indices in the Contract Price Adjustment Schedule shall be replaced with the following, which shall apply to this contract:</i> "L" is the "Labour Index" and shall be the Consumer Price Index for the urban area nearest to the Site, as stated in the Contract Data, and as published in the Statistical News Release, P0141, Additional Tables: Table 14 "CPI – all items according to area" of Statistics South Africa, or as otherwise amended after the Commencement Date by Statistics South Africa to another suitable equivalent index to be applied to the contract and which takes effect on a specific date, subject to written agreement between the Contractor and Employer. P" is the "Construction Equipment Index" and shall be the Producer Price Index applicable to the appropriate Construction Equipment as stated in the Contract Data and as published in the Statistical Release P0151, Table 4 of Statistics South Africa, or as otherwise amended after the Commencement Date by Statistics South Africa to another suitable equivalent index to be applied to the contract and which takes effect on a specific date, subject to written agreement between the Contractor and Employer. The Construction Equipment shall be Civil engineering plant as listed in Statistical Release P0151, Table 4 "Producer Price Index" of Statistics South Africa. "M" is the "Materials Index" and shall be the Producer Price Index applicable to the appropriate materials as stated in the Contract Data and as published in the Statistical Release P0151, Table 3 or Table 4 of Statistics South Africa, or as otherwise amended after the Commencement Date by Statistics South Africa to another suitable equivalent index to be applied to the contract and which takes effect on a specific date, subject to written agreement between the Contractor and Employer. The Materials shall be Building and Construction - Civil Engineering as listed in the Statistical Release P0151, Table 3 or Table 4 respectively, of Statistics South Africa (which shall apply to the "Materials Index" as a relevant Producer Price Index). "F" is the "Fuel Index" and shall be the Producer Price Index for Diesel at wholesale level for the area as stated in the Contract Data and as published in the Statistical News Release P0151, Table 4 of Statistics South Africa, or as otherwise amended after the Commencement Date by Statistics South Africa to another suitable equivalent index to be applied to the contract and which takes effect on a specific date, subject to written agreement between the Contractor and Employer.' Where applicable, the area for Diesel at wholesale level shall be 'Coast' as listed in the Statistical Release P0151, Table 4 of Statistics South Africa (which shall apply to the "Fuel Index" as a relevant Producer Price Index). The applicable industry for the Producer Price Index for materials is Building and Construction Civil Engineering. The area for the Producer Price Index for fuel is Coast. The base month is "one month prior to the Closing Time of the Tender". The base month is JULY 2026 prior to the closing of the tender.
6.8.3	Price adjustments for variations in the costs of special materials are not provided for.

Contractor

Witness 1

Witness 2

Employer

Witness 1

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Clause	Data
6.10.1.5	The percentage advance on materials not yet built into the Permanent Works is 80%. Proof of ownership is required.
6.10.3	There is no limit of retention money.
8.6.1.1.2	The value of Plant and materials supplied by the Employer to be included in the insurance sum is: Nil.
8.6.1.1.3	The amount to cover professional fees for repairing damage and loss to be included in the insurance sum is a maximum of 4 % of the Contract Sum.
8.6.1.3	The limit of indemnity for liability insurance is R 10 000 000,00 for any single claim. The number of claims during the construction and Defects Liability Periods shall be unlimited.
8.6.8	Manufacturing and/or fabrication and storage at premises other than the Site <i>Add the following new Sub-Clause 8.6.8:</i> "Where the contract involves manufacturing and/or fabrication of the Works or part thereof at premises other than the Site, the Contractor shall satisfy the Employer that all materials and equipment for incorporation in the Works are adequately insured during manufacture and/or fabrication. In the event of the Employer having an insurable interest in such Works during manufacture or fabrication then such interest shall be noted by endorsement to the Contractor's policies of insurance."
10.5.2	Dispute resolution shall be by ad-hoc adjudication
10.5.3	The number of Adjudication Board Members to be appointed is one.
10.7.1	The determination of disputes shall be by arbitration.

Variations to the General Conditions of Contract applicable to this contract are:

Clause	Data
	None

Additional clauses to the General Conditions of Contract applicable to this contract are:

Clause	Data
1.1	Definition <i>Add the following at the end of Sub-Clause 1.1.1:</i>
1.1.1.35	"Client", as used in the Occupational Health and Safety Act - Construction Regulations, means Employer.
1.1.1.36	"Principal Contractor", as used in the Occupational Health and Safety Act - Construction Regulations, means Contractor.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

PART 2: DATA PROVIDED BY THE SERVICE PROVIDER

The Contractor is advised to read the *General Conditions of Contract*, as specified in Part 1, in order to understand the implications of this Data which is required to be completed.

Each item of data given below is cross-referenced to the clause in the Conditions of Contract to which it mainly applies

Clause	Data
1.1.1.9	The Name of the Contractor is _____ [Enter the legal name of the Contractor]
1.2.1.2	The address of the Contractor is: Physical address: _____ _____ _____ _____ Postal address: _____ _____ _____ _____ e-mail address: _____ Contact numbers: Corporate: _____ Direct: _____ Mobile: _____ Fax: _____

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1.29.

6.2.1	The security to be provided by the Contractor shall be one of the following: <table border="1"> <thead> <tr> <th data-bbox="260 353 1201 454">Type of security (with Value Added Tax excluded from the Contract Sum and from the value of the Works for calculating the percentages)</th><th data-bbox="1201 353 1396 454">Indicate "Yes" or "No"</th></tr> </thead> <tbody> <tr> <td data-bbox="260 454 1201 510">Retention of 0% of the value of the Works (0% held for defects liability period).</td><td data-bbox="1201 454 1396 510"></td></tr> <tr> <td data-bbox="260 510 1201 577">Fixed Performance guarantee of 10% of the Contract Sum</td><td data-bbox="1201 510 1396 577"></td></tr> <tr> <td data-bbox="260 577 1201 629">Variable Performance guarantee % of the Contract Sum</td><td data-bbox="1201 577 1396 629"></td></tr> </tbody> </table>	Type of security (with Value Added Tax excluded from the Contract Sum and from the value of the Works for calculating the percentages)	Indicate "Yes" or "No"	Retention of 0% of the value of the Works (0% held for defects liability period).		Fixed Performance guarantee of 10% of the Contract Sum		Variable Performance guarantee % of the Contract Sum	
Type of security (with Value Added Tax excluded from the Contract Sum and from the value of the Works for calculating the percentages)	Indicate "Yes" or "No"								
Retention of 0% of the value of the Works (0% held for defects liability period).									
Fixed Performance guarantee of 10% of the Contract Sum									
Variable Performance guarantee % of the Contract Sum									

Signature.....

Date.....

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

PART 3: CORRIGENDA TO GCC 2015 BY SAICE

Corrections 2017-06-09 published by SAICE and all further updates, errata or other amendments to GCC 2015 published by SAICE prior to the Base Month of this Contract shall be deemed to form part of GCC 2015.

Each party to the Contract shall purchase its own copy of such updates, errata, corrections and other amendments to GCC 2015

PART 4: CORRIGENDA TO GCC 2015 EMPLOYER

The items in this Part 4 (if any) shall be deemed to be supplementary corrigenda by the Employer to the GCC 2015, and shall be deemed to form part of GCC 2015. In the event of conflict between any item in this Part 4 and an item in the above Part 3, the relevant item in Part 3 shall take precedence

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1.3 PERFORMANCE GUARANTEE

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

GUARANTOR DETAILS AND DEFINITIONS

“Guarantor” means:

Physical address:

“Employer” means: uMkhanyakude District Municipality

“Company” means:

“Contractor” means:

“Works” means: **Contract SCMU 006/2026/2027: APPOINTMENT OF SERVICE PROVIDER FOR MANAGEMENT, OPERATION & MAINTENANCE OF WATER AND WASTE WATER TREATMENT FACILITIES AND ASSOCIATED BULK DISTRIBUTION INFRASTRUCTURE**

“Site” means: Construction area at UMkhanyakude District Municipality.

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

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

Amount in words:

.....

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

Amount in words:

.....

Type of Performance Guarantee: (*Insert Variable or Fixed*)

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

CONTRACT DETAILS

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

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1.31.

1. VARIABLE PERFORMANCE GUARANTEE

1.1 Where a Variable Performance Guarantee has been selected, the Guarantor's Liability shall be limited during the following periods to diminishing amounts of the Guaranteed Sum as follows:

1.1.1 From and including the date of signing the Performance Guarantee up to and including the date of the interim payment certificate certifying, for the first time, more than 50% of the Contract Sum:

R.....

(Amount in words)

1.1.2 From the day following the date of the said interim payment certificate up to and including the Expiry Date, or the date of issue by the Employer's Agent of the Certificate of Completion of the Works, whichever occurs first:

R.....

(Amount in words)

1.2 The Employer's Agent and/or the Employer shall advise the Guarantor in writing of the date on which the interim payment certificate certifying, for the first time, more than 50% of the Contract Sum, has been issued and the date on which the Certificate of Completion of the Works has been issued.

2. FIXED PERFORMANCE GUARANTEE

2.1 Where a Fixed Performance Guarantee has been selected, the Guarantor's liability shall be limited to the amount of the Guaranteed Sum.

2.2 The Guarantor's period of liability shall be from and including the date on which the Performance Guarantee is signed, up to and including the Expiry Date, or the date of issue by the Employer's Agent of the Certificate of Completion of the Works, or the date of payment in full of the Guaranteed Sum, whichever occurs first.

2.3 The Employer's Agent and/or the Employer shall advise the Guarantor in writing of the date on which the Certificate of Completion of the Works has been issued.

3. CONDITIONS APPLICABLE TO VARIABLE AND FIXED PERFORMANCE GUARANTEES

3.1 The Guarantor hereby acknowledges that:

3.1.1 Any reference in this Performance Guarantee to the Contract is made for the purpose of convenience and shall not be construed as any intention whatsoever to create an accessory obligation or any intention whatsoever to create a suretyship;

3.1.2 Its obligation under this Performance Guarantee is restricted to the payment of money.

3.2 Subject to the Guarantor's maximum liability referred to in 1.1 or 2.1, the Guarantor hereby undertakes to pay the Employer the sum certified upon receipt of the documents identified in 3.2.1 to 3.2.3:

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1.32.

- 3.2.1 A copy of a first written demand issued by the Employer to the Contractor stating that payment of a sum certified by the Employer's Agent in an Interim or Final Payment Certificate has not been made in terms of the Contract and failing such payment within seven (7) calendar days, the Employer intends to call upon the Guarantor to make payment in terms of 3.2.2;
- 3.2.2 A first written demand issued by the Employer to the Guarantor at the Guarantor's physical address with a copy to the Contractor stating that a period of seven (7) days has elapsed since the first written demand in terms of 3.2.1 and the sum certified has still not been paid;
- 3.2.3 A copy of the aforesaid payment certificate which entitles the Employer to receive payment in terms of the Contract of the sum certified in 3.2.
- 3.3 Subject to the Guarantor's maximum liability referred to in 1.1 or 2.1, the Guarantor undertakes to pay to the Employer the Guaranteed Sum or the full outstanding balance upon receipt of a first written demand from the Employer to the Guarantor at the Guarantor's physical address calling up this Performance Guarantee, such demand stating that:
- 3.3.1 the Contract has been terminated due to the Contractor's default and that this Performance Guarantee is called up in terms of 3.3; or
- 3.3.2 a provisional or final sequestration or liquidation court order has been granted against the Contractor and that the Performance Guarantee is called up in terms of 3.3; and
- 3.3.3 the aforesaid written demand is accompanied by a copy of the notice of termination and/or the provisional/final sequestration and/or the provisional liquidation court order.
- 3.4 It is recorded that the aggregate amount of payments required to be made by the Guarantor in terms of 3.2 and 3.3 shall not exceed the Guarantor's maximum liability in terms of 1.1 or 2.1.
- 3.5 Where the Guarantor has made payment in terms of 3.3, the Employer shall upon the date of issue of the Final Payment Certificate submit an expense account to the Guarantor showing how all monies received in terms of this Performance Guarantee have been expended and shall refund the Guarantor any resulting surplus. All monies refunded to the Guarantor in terms of this Performance Guarantee shall bear interest at the prime overdraft rate of the Employer's bank compounded monthly and calculated from the date payment was made by the Guarantor to the Employer until the date of refund.
- 3.6 Payment by the Guarantor in terms of 3.2 or 3.3 shall be made within seven (7) calendar days upon receipt of the first written demand to the Guarantor.
- 3.7 Payment by the Guarantor in terms of 3.3 will only be made against the return of the original Performance Guarantee by the Employer.
- 3.8 The Employer shall have the absolute right to arrange his affairs with the Contractor in any manner which the Employer may deem fit and the Guarantor shall not have the right to claim his release from this Performance Guarantee on account of any conduct alleged to be prejudicial to the Guarantor.
- 3.9 The Guarantor chooses the physical address as stated above for the service of all notices for all purposes in connection herewith.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1.33.

3.10 This Performance Guarantee is neither negotiable nor transferable and shall expire in terms of 1.1.2 or 2.2, where after no claims will be considered by the Guarantor. The original of this Guarantee shall be returned to the Guarantor after it has expired.

3.11 This Performance Guarantee, with the required demand notices in terms of 3.2 or 3.3, shall be regarded as a liquid document for the purposes of obtaining a court order.

3.12 Where this Performance Guarantee is issued in the Republic of South Africa the Guarantor hereby consents in terms of Section 45 of the Magistrate's Courts Act No 32 of 1944, as amended, to the jurisdiction of the Magistrate's Court of any district having jurisdiction in terms of Section 28 of the said Act, notwithstanding that the amount of the claim may exceed the jurisdiction of Magistrate's Court.

Signed at

Date

Guarantor's signatory (1)

Capacity

Guarantor's signatory (2)

Capacity

Witness signatory (1)

Witness signatory (2)

--

Contractor

--

Witness 1

--

Witness 2

--

Employer

--

Witness 1

--

Witness 2

**C1.4 AGREEMENT IN TERMS OF SECTION 37(2) OF THE OCCUPATIONAL
HEALTH AND SAFETY ACT NO 85 OF 1993****AGREEMENT IN TERMS OF SECTION 37(2) OF THE OCCUPATIONAL HEALTH AND SAFETY ACT N° 85 OF
1993**

THIS AGREEMENT is made between **uMkhanyakude District Municipality** (hereinafter called the EMPLOYER)

of the one part, herein represented by: in

his capacity as:

AND:

(hereinafter called the CONTRACTOR) of the other part, herein represented by

..... in his

capacity as:

duly authorized to sign on behalf of the Contractor.

WHEREAS the CONTRACTOR is the Mandatory of the EMPLOYER in consequence of an agreement between the CONTRACTOR and the EMPLOYER in respect of

Contract Tender Contract SCMU 006/2026/2027: Contract SCMU 006/2026/2027: APPOINTMENT OF SERVICE PROVIDER FOR MANAGEMENT, OPERATION & MAINTENANCE OF WATER AND WASTE WATER TREATMENT FACILITIES AND ASSOCIATED BULK DISTRIBUTION INFRASTRUCTURE

AND WHEREAS the EMPLOYER and the CONTRACTOR have agreed to enter into an agreement in terms of the provisions of Section 37(2) of the Occupational Health and Safety Act No 85 of 1993, as amended by OHS Act Amendment Act No 181/1993 (hereinafter referred to as the ACT);

NOW THEREFORE the parties agree as follows:

1. The CONTRACTOR undertakes to acquaint the appropriate officials and employees of the CONTRACTOR with all relevant provisions of the ACT and the regulations promulgated in terms thereof.
2. The CONTRACTOR undertakes to fully comply with all relevant duties, obligations and prohibitions imposed in terms of the ACT and Regulations: Provided that should the EMPLOYER have prescribed certain arrangements and procedures that same shall be observed and adhered to by the CONTRACTOR, his officials and employees. The CONTRACTOR shall bear the onus of acquainting himself/herself/itself with such arrangements and procedures.
3. The CONTRACTOR hereby accepts sole liability for such due compliance with the relevant duties, obligations, prohibitions, arrangements and procedures, if any, imposed by the ACT and Regulations, and the CONTRACTOR expressly absolves the EMPLOYER and the EMPLOYER'S AGENT from being obliged to comply with any of the aforesaid duties, obligations, prohibitions, arrangements and procedures in respect of the work included in the contract.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1.35.

4. The CONTRACTOR agrees that any duly authorized officials of the EMPLOYER shall be entitled, although not obliged, to take such steps as may be necessary to ensure that the CONTRACTOR has complied with his undertakings as more fully set out in paragraphs 1 and 2 above, which steps may include, but shall not be limited to, the right to inspect any appropriate site or premises occupied by the CONTRACTOR, or to take such steps it may deem necessary to remedy the default of the CONTRACTOR at the cost of the CONTRACTOR.
5. The CONTRACTOR shall be obliged to report forthwith to the EMPLOYER any investigation, complaint or criminal charge which may arise as a consequence of the provisions of the ACT and Regulations, pursuant to work performed in terms of this agreement, and shall, on written demand, provide full details in writing of such investigation, complaint or criminal charge.

Thus signed at for and on behalf of the **CONTRACTOR**

on this the day of 20.....

SIGNATURE:

NAME AND SURNAME:

CAPACITY:

WITNESSES: 1.

2.

Thus signed at for and on behalf of the **EMPLOYER**

on this the day of 20.....

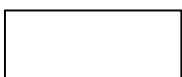
SIGNATURE:

NAME AND SURNAME:

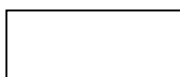
CAPACITY:

WITNESSES: 1.

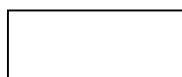
2.



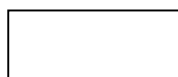
Contractor



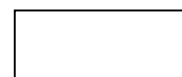
Witness 1



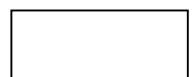
Witness 2



Employer



Witness 1



Witness 2

C1.36.

C1.5 TRANSFER OF RIGHTS AND INDEMNITY

(To be completed during construction by successful Tenderer only when claiming for materials on site)

Claim for materials on site, Payment Certificate N°. Date:

Contract N°: Contract SCMU 006/2026/2027: APPOINTMENT OF SERVICE PROVIDER FOR
MANAGEMENT, OPERATION & MAINTENANCE OF WATER AND WASTE WATER TREATMENT
FACILITIES AND ASSOCIATED BULK DISTRIBUTION INFRASTRUCTURE

I, the undersigned (name of signatory) in my capacity
as..... of (name of Contractor)

.....
duly authorised hereto on behalf of the Contractor hereby transfer, cede and assign all the Contractor's rights,
title and interest in and to the materials and goods, for which evidence of bona fide ownership is attached
hereto, unto and in favour of (name of Employer)
..... Insofar as the
Contractor retains actual control of the materials and goods, the right of ownership thereof passes to the
Employer by *constitutum possessorium*.

I herewith indemnify the Employer against any claim to and in respect of said materials by reason of the
Contractor's sequestration or liquidation or of any defect in the Contractor's title to the materials and agree that
no payment for materials on site will be made by the Employer until such time as I have submitted documentary
proof of bona fide ownership of the said materials and goods.

This transfer shall become effective upon conclusion of the Contractor receiving payment from the Employer
or from any other person on behalf of the Employer for the materials and goods as Materials on Site, payment
of retention money thereon excluded.

I further confirm that I am fully responsible for all materials and goods listed under this Transfer of Rights and
that they have been insured adequately against all risks and will remain insured until they are built into or used
in the permanent works and taken over by the Employer.

**This certificate of Transfer of Rights applies only to the materials and goods as listed in the following
table.**

DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	AMOUNT	SUPPLIER
TOTAL VALUE OF MATERIALS AND GOODS					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1.37.

Signed by: **Date:**

..... for and on behalf of the Contractor.

Witnessed by: **Date:**

NOTE: This form, together with the documentary proof of ownership or proof of payment by the Contractor to the supplier, shall accompany the Contractor's claim for payment for materials on site in terms of Clause 6.10.1.5 of the General Conditions of Contract 2015.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1.38.

C1.6 ADJUDICATOR'S CERTIFICATES**C1.6.1: DISCLOSURE STATEMENT**

Please note that words in italics within brackets are items which should be stated.

(Date)

Contract:

Contractor:

Employer: uMkhanyakude District Municipality

.....

Dear Sirs/Mesdames

I am willing and available to serve as *ad-hoc* Adjudication Board Member in the above mentioned Contract.

In accordance with the General Conditions of Contract for Construction Works Adjudication Board Rules relating to disclosure statements by selected or nominated persons to the adjudication, I hereby state that:

- I shall act with complete impartiality and know of nothing at this time, which could affect my impartiality.
- I have had no previous involvement with this project.
- I do not have any financial interest in this project.
- I am not currently employed by the Contractor, Employer or Employer's Agent.
- I do not have any financial connections with the Contractor, Employer or Employer's Agent.
- I do not have or have not had a personal relationship with any authoritative member of the Contractor, Employer or the Employer's Agent which could affect my impartiality.
- I undertake to immediately disclose to the parties any changes in the above position which could affect my impartiality or be perceived to affect same.

Should there be any deviation from the foregoing statements, details shall be given.

I further declare that I am experienced in the work which is carried out under the Contract and in interpreting contract documentation.

Name in full:

Signature:

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1.6.2: ADJUDICATION BOARD MEMBER STATEMENT

This Agreement is entered into between:

Adjudication Board Member:

Name:

Physical address:

.....

.....

Postal address:

.....

.....

e-mail address: Fax number:

Telephone number: Mobile number:

Contractor:

Name:

Physical address:

.....

.....

Postal address:

.....

.....

e-mail address: Fax number:

Telephone number: Mobile number:

Employer:

Name: uMkhanyakude District Municipality

Physical address: Stand 13433, Kingfisher Road, MKUZE, 3965

Postal address: Private Bag 449, MKUZE, 3965

Telephone number: (035) 573 8600

Fax number: (035) 573 8730

The Contractor and the Employer will hereinafter be collectively referred to as the Parties.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

The Parties entered into a Contract for Contract

.....
which provides that a dispute under or in connection with the General Conditions of Contract for Construction Works, Third Edition, 2015, must be referred to ad-hoc adjudication.

The undersigned natural person has been appointed to serve as Adjudication Board Member and together with the undersigned Parties agree as follows:

1. The Adjudication Board Member accepts to perform his duties in accordance with the terms of Contract, the General Conditions of Contract for Construction Works Adjudication Board Rules and this Agreement.
2. The Adjudicator undertakes to remain independent and impartial of the Contractor, Employer and Employer's Agent for the duration of the Adjudication Board proceedings.
3. The Adjudication Board Member agrees to serve for the duration of the Adjudication Board proceedings.
4. The Parties may at any time, without cause and with immediate effect, jointly terminate this Agreement.
5. Unless the Parties agree, the Adjudication Board Member shall not act as arbitrator or representative of either Party in any subsequent proceedings between the Parties under the Contract. No Party may call the Adjudication Board Member as a witness in any such subsequent proceedings.
6. The standing Adjudication Board's duties shall end upon the Adjudication Board Member(s) receiving notice from the Parties of their joint decision to disband the Adjudication Board.
7. The Adjudication Board Member shall be paid in respect of time spent upon or in connection with the adjudication including time spent travelling:
 - (a) A monthly retainer of (amount) for (number) of months, and/or
 - (b) A daily fee of (amount) based on a (number) hour day, and or
 - (c) An hourly fee of (amount), and/or
 - (d) A non-recurrent appointment fee of (amount) which shall be accounted for in the final sums payable.
8. The Adjudication Board Member's expenses incurred in adjudication work shall be reimbursed at cost.

Upon submission of an invoice for fees and expenses to the Parties, the (*Contractor/Employer**) shall pay the full amount within 28 days of receipt of the invoice and he shall be reimbursed by the other party by half the amount so that the fees and expenses are borne equally by the Parties. Late payment of such invoices shall attract interest at prime plus 3% points compounded monthly at the prime rate charged by the Adjudication Board Member's bank.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1.41.

This Agreement is entered into by:

Contractor's signature:

Contractor's name:

Place:

Date:

Employer's signature

Employer's name: uMkhanyakude District Municipality

Place:

Date:

Adjudication Board Member's signature:

Adjudication Board Member's name:

Place:

Date:

**Delete the inapplicable part*

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2: PRICING DATA

Table of Contents	Page
C2.1: Pricing Instructions	C2.2
C2.2: Bill of Quantities	C2.5

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.1 PRICING INSTRUCTIONS

1.0 GENERAL

The Contractor's attention is drawn to the Conditions of Contract, to the Specification and the Site Layout Drawings, all of which are to be read in conjunction with the Bill of Quantities.

2.0 STANDARD SYSTEM

The Bill of Quantities shall be interpreted in accordance with the method of measurement set out in the Specifications except where variations are implied by the omission of items or by the actual wording of the items in the Bill of Quantities.

The quantities in the Bill of Quantities are provisional. The Works as executed will be measured for payment in accordance with the Bill of Quantities and under the items set forth therein, notwithstanding any custom to the contrary.

In the event of any item to be measured not being reasonably covered by the above Bill, then the Standard Method of Measurement described in Clause 6.7 of the General Conditions of Contract (2015) shall apply and the appropriate rate shall be negotiated between the Engineer and the Contractor.

31.0 MEASUREMENT

Measurement shall be made of the finished work from the net dimensions or masses indicated in the drawings, and no allowance has been made, or will be made for waste.

4.0 PRICES INCLUSIVE

Prices and rates to be inserted in the Bill of Quantities are to be the full inclusive value of the Work described under the several items, but excluding Value Added Tax, which is not to be included in the rates but is to be included in the appropriate item in the Summary Sheet of the Schedule of Quantities.

The items shall, unless otherwise stated herein, be held to include making, conveying and delivering, unloading, storing, unpacking, hoisting, setting, fitting and fixing in position, cutting and waste, laps, patterns, models and templates, labour, plant, fuel, hiring costs, temporary works, return of packings, safety precautions, overheads, on-costs, establishment charges, profit and all other costs and expenses which may be required in and for the construction of the work described together with all risks, liabilities and obligations arising out of the Conditions of Contract or implied in the Documents on which the Tender is to be based. Where special risks, liabilities and obligations cannot be dealt with as above, then the price thereof is to be separately stated in the item provided for the purpose.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

5.0 SPECIFICATIONS AND DESCRIPTIONS

Descriptions in the Bill of Quantities are abbreviated and all Specification Clauses shall be read and deemed to apply to the items described in this Bill of Quantities which are to be priced accordingly.

In the event of any Clause in the preceding Specifications being in conflict with any description and/or amplification thereof in the Bill of Quantities the former shall prevail, and the Project Specification shall take precedence over the General Specification.

Directions and description of work and material given in the Specification are not necessarily repeated in the Bill of Quantities. Reference is to be made to the Conditions of Contract, Specification and other relevant documents for this information. While references may be given in the Bill, such references are not necessarily complete.

6.0 COMPLETION OF BILL OF QUANTITIES

The Bill of Quantities shall be completed in full in black ink.

A price or rate shall be entered against each item where provision is made for such pricing in the Bill of Quantities, whether quantities are stated or not.

No two or more items can be bracketed together for a single price or rate as this will invalidate the tender. Items against which **N/A, left blank or –** is entered are to be considered as incomplete and will invalidate the tender.

Items against which **NIL or zero (0)** is entered are to be considered to be fully priced and the tenderer will provide the items in question as specified at zero (0) or NIL price.

7.0 METHOD STATEMENT

Quantities have generally been measured in accordance with SABS 1200 Standard Specifications where applicable and where not applicable then generally in accordance with the Sixth Edition (including amendments) of the Standard System of Measuring Builder's Work as issued by the Association of South African Quantity Surveyors unless otherwise stated herein.

7.1 Terms Used

In this Bill of Quantities the following expressions shall have the meanings hereinafter assigned to them unless otherwise described in the items concerned:-

- (i) "ALLOW" Where the word "allow" is used in any item of the Bill of Quantities the sum entered by the Contractor is at his risk and shall cover all costs and charges in respect of the work referred to during the period of the Contract.
- (ii) "PROVIDE" Where the word "provide" is used and a sum has been inserted by the Engineer to cover the cost of any particular item of work, the sum so entered shall be dealt with in accordance with the provisions of the General Conditions of Contract.
- (iii) "BUDGETARY ALLOWANCE" Where the word "budgetary allowance" is used, the sum inserted by the Engineer to cover the cost of the particular item of work will be omitted during the Contract and the work will be measured in accordance with the procedure set out in the Bill of Quantities and

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.4

valued at the rates contained in the priced Bill of Quantities for similar work.

8.0 APPROVED, DIRECTED OR SELECTED

The words “approved”, “directed” or “selected” refer to the approval, direction or selection of the Engineer.

9.0 TRADE NAMES, PROPRIETARY BRANDS, ETC

All materials, fittings, furnishings, etc., specified under a Trade Name, Proprietary Brand or Catalogue Reference, shall be:

9.1 Used in strict accordance with the Manufacturer’s latest printed instructions.

9.2 Either exactly as described or of equal quality, weight or specification and approved by the Engineer.

The Contractor shall first obtain written approval from the Engineer before goods are placed on order from a source of supply other than is specified herein. Such approval shall not be unreasonably withheld.

10.0 MATERIALS AND WORKMANSHIP

All materials shall be the best of their respective kinds specified and the workmanship shall be the standard defined for the trade tests required for such work and to the approval of the Engineer.

In all cases the materials and workmanship shall be in accordance with the latest edition of the relevant South African Bureau of Standards (SABS) or if not defined therein the British Standard Specification (BSS) or Code of Practice (BSCP) unless otherwise specified.

The quantities given in this Bill should not be used for ordering materials.

The units of measurement described in the Bill of Quantities are metric units for which the standard international abbreviations are used. Abbreviations used in the Bill of Quantities, including some non-standard abbreviations, are as follows:

mm = millimeter	h = hour	pe = plain ended
m = meter	kg = kilogram	FL = flanged
km = kilometer	t = ton (1000 kg)	D/FL = double flanged
m ² = square meter	No. = number	C/F = centre to face
sum = lump sum	P C sum = Prime Cost sum	DN = Nominal diameter
ha = hectare	Prov sum = Provisional sum	ID = Inside diameter
m ³ = cubic meter	% = per cent	OD = Outside diameter
m ³ .km = cubic meter-kilometer	kℓ = kilolitre	kW = kilowatt
ℓ = litre	MPa = megapascal	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.2 PRICING SCHEDULE – BILL OF QUANTITIES

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 1: FIXED ESTABLISHMENT COST

Item	Description	Unit	Qty	Rate (R)	Amount (R)
1.	SCHEDULE 1: FIXED ESTABLISHMENT COST				
1.1	GENERAL				
1.1.1	Contractual Requirements	Sum	1		
1.1.2	Office accommodation	Sum	1		
1.1.3	Office equipment and communications	Sum	1		
1.1.4	Overheads and support functions	Sum	1		
1.1.5	Insurance and Performance Guarantee	Sum	1		
1.1.6	Helpdesk	Sum	1		
1.1.7	SHEQ systems, Induction & COIDA implementation	Sum	1		
1.1.8	Corporate Social Responsibility Commitments	Sum	1		
1.1.9	Others (specify)				
	a)	Sum	1		
	b)	Sum	1		
1.2	KWAZULU NATAL REGIONAL OFFICE				
1.2.1	Office accommodation	Sum	1		
1.2.2	Office equipment and communications	Sum	1		
1.2.3	Overheads and support functions	Sum	1		
1.2.4	Others (specify)				
	a)	Sum	1		
	b)	Sum	1		
	c)	Sum	1		
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward					
1,3	LOCAL OFFICE [NORTHERN REGION (Jozini & UMhlabuyalingana LMs)]				
1.3.1	Office accommodation	Sum	1		
1.3.2	Office equipment and communications	Sum	1		
1.3.3	Overheads and support functions	Sum	1		
1.3.4	Others (specify)				
	a)	Sum	1		
	b)	Sum	1		
	c)	Sum	1		
1,4	LOCAL OFFICE [SOUTHERN REGION (Mtubatuba & Big5Hlabisa LMs)]				
1.4.1	Office accommodation	Sum	1		
1.4.2	Office equipment and communications	Sum	1		
1.4.3	Overheads and support functions	Sum	1		
1.4.4	Others (specify)				
	a)	Sum	1		
	b)	Sum	1		
	c)	Sum	1		
1,5	MOVABLE ASSETS FOR ALL PLANTS				
1.5.1	Plant Specific office equipment	Sum	1		
1.5.2	Supply and deliver a 6000l truck-mounted pressure jetting machine with a vacuum cleaner (combination jet - suction unit). Including all the necessary diver/operator training and certification.	P. Sum	1	3 000 000,00	
3.4.3.1	Overheads, charges and profit on item 1.5.2 above	%	3 000 000,00		
1.5.3	Routine maintenance equipment and tools	Sum	1		
1.5.4	a) grounds and housekeeping	Sum	1		
	b) mechanical and electrical	Sum	1		
1.5.5	Quality monitoring equipment				
1.5.5.1	Others (specify)				
	a)	Sum	1		
	b)	Sum	1		
Total Carried Forward to Summary of Schedules of Rates					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 2: VARIABLE-TIME RELATED COST

Item	Description	Unit	Qty	Rate (R)	Amount (R)
2.	SCHEDULE 2: VARIABLE-TIME RELATED COST				
2.1	GENERAL				
2.1.1	Contractual Requirements	month	12		
2.1.2	Office accommodation	month	12		
2.1.3	Office equipment and communications	month	12		
2.1.4	Overheads and support functions	month	12		
2.1.5	Insurance and Performance Guarantee	month	12		
2.1.6	Helpdesk	month	12		
2.1.7	SHEQ Training	month	12		
2.1.8	Others (specify)				
	a)	month	12		
	b)	month	12		
2,2	REGIONAL OFFICE				
2.2.1	Office accommodation	month	12		
2.2.2	Office equipment and communications	month	12		
2.2.3	Overheads and support functions	month	12		
2.2.4	Others (specify)				
	a)	month	12		
	b)	month	12		
	c)	month	12		
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward					
2,3	LOCAL OFFICE [NORTHERN REGION (Jozini & UMhlabuyalingana LMs)]				
2.3.1	Office accommodation	month	12		
2.3.2	Office equipment and communications	month	12		
2.3.3	Overheads and support functions	month	12		
2.3.4	Workshop and stores	month	12		
2.3.5	Laboratory facility and services	month	12		
2.3.6	Others (specify)				
	a)	month	12		
	b)	month	12		
	c)	month	12		
2,4	LOCAL OFFICE [SOUTHERN REGION (Mtubatuba & Big5Hlabisa LMs)]				
2.4.1	Office accommodation	month	12		
2.4.2	Office equipment and communications	month	12		
2.4.3	Overheads and support functions	month	12		
2.4.4	Workshop and stores	month	12		
2.4.5	Laboratory facility and services	month	12		
2.4.6	Others (specify)				
	a)	month	12		
	b)	month	12		
	c)	month	12		
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.10

Brought Forward					
2,5	MOVEABLE ALL PLANTS				
2.5.1	Plant Specific office equipment	month	12		
2.5.2	Routine maintenance equipment and tools	month	12		
2.5.3	a) grounds and housekeeping	month	12		
2.5.4	b) mechanical and ellectrical	month	12		
2.5.5	Quality monitoring equipoment	month	12		
2.5.6	Others (specify)				
	a)	month	12		
	b)	month	12		
Total Carried Forward to Summary of Schedules of Rates					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 3: MANAGEMENT STAFF

Item	Description	Unit	Qty	Rate (R)	Amount (R)
3.	SCHEDULE 3: MANAGEMENT & GENERAL STAFF Include for all vehicles and Transportation				
3,1	GENERAL				
3.1.1	Project Manager	month	12		
3.1.2	Finance and Administration	month	12		
3.1.3	Blue and Green Drop support teams	month	12		
3.1.4	Process Specialists	month	12		
3.1.5	Technical and Specialist Support	month	12		
3.1.6	Asset Management	month	12		
3.1.7	HR/IR	month	12		
3.1.8	IT/MIS	month	12		
3.1.9	ISO/SHEQ	month	12		
3.1.10	Community/Public Relations Officers	month	12		
3.1.11	Supply Chain Management	month	12		
3.1.12	Other (specify)				
	a)	month	12		
	b)	month	12		
3,2	LOCAL OPERATIONS MANAGEMENT & ADMIN STAFF				
3.2.1	Operations Manager	month	12		
3.2.2	Area Manager (North)	month	12		
3.2.3	Area Manager (Central)	month	12		
3.2.4	Area Manager (South)	month	12		
3.2.5	Supervisor (North)	month	12		
3.2.6	Supervisor #1 (Central)	month	12		
3.2.7	Supervisor #2 (Central)	month	12		
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.12

Brought Forward					
3.2.8	Supervisor (South)	month	12		
3.2.9	SHEQ Officer	month	12		
3.2.10	Finance and Administration	month	12		
3.2.11	Office Assistant	month	12		
3.2.12	Community Liaison Officers (two minimum)	month	12		
3.2.13	Laboratory Technicians and samplers	month	12		
3.2.14	Other (specify)				
	a)	month	12		
	b)	month	12		
3,3	MAINTENANCE STAFF				
3.3.1	Maintenance Manager	month	12		
3.3.2	Administration	month	12		
3.3.3	Asset Management/Planning	month	12		
3.3.4	Workshop and Stores	month	12		
3.3.5	SHEQ Officer	month	12		
3.3.6	Maintenance Foreman (grounds & buildings)	month	12		
3.3.7	Maintenance Foreman (mechanical and electrical)	month	12		
3.3.8	Asset Management/Planning	month	12		
3.3.9	Millwrights	month	12		
3.3.10	Electrician	month	12		
3.3.11	Instrumentation Electrician	month	12		
3.3.12	Ground maintenance team	month	12		
3.3.13	Building maintenance team	month	12		
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward					
3.3.14	Other (specify)				
	a)	month	12		
	b)	month	12		
3,4	PREPARATION AND APPROVAL OF GLOBAL AND PLANT SPECIFIC PLANS WITHIN TWO MONTHS OF CONTRACT COMMENCEMENT AND REVIEWED ANNUALLY THEREAFTER				
3.4.1	Finance and Administration Plan	year	1		
3.4.2	Asset Management Plan [including annual reviews for a period of three (03) years]	Prov Sum	1	2 000 000,00	
3.4.2.1	Overheads, charges and profit on item 3.4.2 above	%	2 000 000,00		
3.4.3	Operations Plan	Prov Sum	1	2 500 000,00	
3.4.3.1	Overheads, charges and profit on item 3.4.3 above [including annual reviews for a period of three (03) years]	%	2 500 000,00		
3.4.4	Health and Safety Plan	Prov Sum	1	3 500 000,00	
3.4.4.1	Overheads, charges and profit on item 3.4.4 above	%	3 500 000,00		
3.4.5	Blue and Green Drop Action Plan [including annual reviews for a period of three (03) years]	Prov Sum	1	3 500 000,00	
3.4.5.1	Overheads, charges and profit on item 3.4.5 above	%	3 500 000,00		
3.4.6	Water Safety Plan -All Water Treatment plants [including annual reviews for a period of three (03) years]	Prov Sum	1	10 500 000,00	
3.4.6.1	Overheads, charges and profit on item 3.4.6 above	%	10 500 000,00		
3.4.7	Waste Water Risk Abatement Plan -All WWTW plants [including annual reviews for a period of three (03) years]	Prov Sum	1	8 250 000,00	
3.4.7.1	Overheads, charges and profit on item 3.4.6 above	%	8 250 000,00		
3.4.8	Process audits - Water and wastewater - All plants [including annual reviews for a period of three (03) years]	Prov Sum	1	7 500 000,00	
3.4.8.1	Overheads, charges and profit on item 3.4.6 above	%	7 500 000,00		
3.4.9	Water authorisation applications - All WWTW's	Prov Sum	1	2 000 000,00	
3.4.9.1	Overheads, charges and profit on item 3.4.6 above	%	2 000 000,00		
3.4.10	Water Use licence applications - All WTW's	Prov Sum	1	3 000 000,00	
3.4.10.1	Overheads, charges and profit on item 3.4.6 above	%	3 000 000,00		
Total Carried Forward to Summary of Schedules of Rates					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
A.	MSELENI WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		-
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		112 500,00
4.2.1.1	Company overheads and profit margin	%	112 500,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4		month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold. See Section 3.3.5 and Section 3.3.6.1 of Part C3.3, Portion 2)				
4.4.1	Repair nett cost	Prov Sum	-		50 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	50 000,00		-
4.4.3	Material nett cost	Prov Sum	-		50 000,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward				
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	50 000,00	
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-	38 400,00
4,5	TREATMENT CHEMICALS			
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov. Sum	-	322 000,00
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	322 000,00	
4.5.2.1	Sufloc 3870	kg		
4.5.2.2	Sodium Hypochloride	kg		
4.5.2.3	Chlorine Gas	kg		
4.5.2.4	HTH Tablets	kg		
4.5.2.5	Coastic Soda	l		
4.5.2.6	Sulphuric Acid	l		
4.5.2.7	DPD #1	Box		
4.5.2.8	Amonia	ton		
4.5.2.9	HTH Granular	kg		
4.5.2.10	301 Envirobeads	kg		
4,6	WATER QUALITY MONITORING			
4.6.1	On-site quality monitoring by the operator	month	12	
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1	72 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1	18 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	90 000,00	
4.6.5	Monitoring of networks and storage sample points (10 pts) (refer to table 3.2.8.4.3(a))	Sum	1	
4,7	SITE STAFF			
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1	1 964 040,00
4.7.2	Operators on-cost on 4.7.1	%	1 964 040,00	
4.7.3	Provisional sum for increases following training and reclassification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1	100 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	100 000,00	
Total Carried Forward				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

				Brought Forward	
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	100 000,00		
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff				
a)	Supervisor	month	Rate only		
b)	Process Controller Grade IV	month	Rate only		
c)	Process Controller Grade III	month	Rate only		
d)	Process Controller Grade II	month	Rate only		
e)	Process Controller Grade I	month	Rate only		
f)	Shift Assistant/pump attendant	month	Rate only		
g)	General assistant	month	Rate only		
4.7.4	Specialist Blue and Green Drop support	month	12		-
4,8	SECONDED STAFF				
4.8.1	Management Cost for Seconded Staff	month	12		
4,9	REPORTING				
a)	Monthly operational detail and summary reports	month	12		
b)	Monthly maintenance detail and summary reports	month	12		
c)	Reporting on weekly, monthly and annual quality monitoring and control	month	12		
d)	Monthly staff returns showing total cost to company	month	12		
e)	Monthly expenditure control reports	month	12		
Total Carried Forward to Summary of Schedules of Rates					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
B.	MBAZWANA WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		112 000,00
4.2.1.1	Company overheads and profit margin	%	112 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		50 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	50 000,00		
4.4.3	Material nett cost	Prov Sum	-		27 000,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	27 000,00		
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-		12 000,00
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-		303 096,00
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	303 096,00		
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		72 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1		18 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	90 000,00		
4.6.5	Monitoring of networks and storage sample points (9 pts) (refer to table 3.2.8.4.3(a))	Sum	1		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		2 125 278,80
4.7.2	Operators on-cost on 4.7.1	%	2 125 278,80		
4.7.3	Provisional sum for increases following training and reclassification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		50 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	50 000,00		
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

				Brought Forward	
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	50 000,00		
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff				
	a) Supervisor	month	Rate only		
	b) Process Controller Grade IV	month	Rate only		
	c) Process Controller Grade III	month	Rate only		
	d) Process Controller Grade II	month	Rate only		
	e) Process Controller Grade I	month	Rate only		
	f) Shift Assistant/pump attendant	month	Rate only		
	g) General assistant	month	Rate only		
4.7.4	Specialist Blue and Green Drop support	month	12		
4,8	SECONDED STAFF				
4.8.1	Management Cost for Seconded Staff	month	12		
4,9	REPORTING				
	a) Monthly operational detail and summary reports	month	12		
	b) Monthly maintenance detail and summary reports	month	12		
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12		
	d) Monthly staff returns showing total cost to company	month	12		
	e) Monthly expenditure control reports	month	12		
Total Carried Forward to Summary of Schedules of Rates					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
C.	ENKANYEZINI WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		50 000,00
4.2.1.1	Company overheads and profit margin	%	50 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		40 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	40 000,00		
4.4.3	Material nett cost	Prov Sum			20 000,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward					
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	20 000,00		
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-		108 000,00
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-		396 794,00
4.5.2	On cost on the estimated annual nett purchase price including delivery				
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		72 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1		18 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	90 000,00		
4.6.5	Monitoring of networks and storage sample points (6 pts) (refer to table 3.2.8.4.3(a))	Sum	1		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		222 420,00
4.7.2	Operators on-cost on 4.7.1	%	222 420,00		
4.7.3	Provisional sum for increases following training and reclassification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		32 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	32 000,00		
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward				
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	32 000,00	
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff			
	a) Supervisor	month	Rate only	
	b) Process Controller Grade IV	month	Rate only	
	c) Process Controller Grade III	month	Rate only	
	d) Process Controller Grade II	month	Rate only	
	e) Process Controller Grade I	month	Rate only	
	f) Shift Assistant/pump attendant	month	Rate only	
	g) General assistant	month	Rate only	
4.7.4	Specialist Blue and Green Drop support	month	12	
4,8	SECONDED STAFF			
4.8.1	Management Cost for Seconded Staff	month	12	
4,9	REPORTING			
	a) Monthly operational detail and summary reports	month	12	
	b) Monthly maintenance detail and summary reports	month	12	
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12	
	d) Monthly staff returns showing total cost to company	month	12	
	e) Monthly expenditure control reports	month	12	
Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
D.	SHEMULA WATER TREATMENT WORKS [OLD AND NEW PLANTS]				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		100 000,00
4.2.1.1	Company overheads and profit margin	%	100 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		187 500,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	187 500,00		
4.4.3	Material nett cost	Prov Sum	-		145 000,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

			Brought Forward		
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	145 000,00		
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-		57 000,00
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-		9 098 168,75
4.5.2	On cost on the estimated annual nett purchase price including delivery				
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		90 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1		18 750,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	108 750,00		
4.6.5	Monitoring of networks and storage sample points (13 pts) (refer to table 3.2.8.4.3(a))	Sum	1		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		831 453,50
4.7.2	Operators on-cost on 4.7.1	%	831 453,50		
4.7.3	Provisional sum for increases following training and reclassification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		40 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	40 000,00		
			Total Carried Forward		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

				Brought Forward	
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	40 000,00		
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff				
	a) Supervisor	month	Rate only		
	b) Process Controller Grade IV	month	Rate only		
	c) Process Controller Grade III	month	Rate only		
	d) Process Controller Grade II	month	Rate only		
	e) Process Controller Grade I	month	Rate only		
	f) Shift Assistant/pump attendant	month	Rate only		
	g) General assistant	month	Rate only		
4.7.4	Specialist Blue and Green Drop support	month	12		
4,8	SECONDED STAFF				
4.8.1	Management Cost for Secoded Staff	month	12		
4,9	REPORTING				
	a) Monthly operational detail and summary reports	month	12		
	b) Monthly maintenance detail and summary reports	month	12		
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12		
	d) Monthly staff returns showing total cost to company	month	12		
	e) Monthly expenditure control reports	month	12		
Total Carried Forward to Summary of Schedules of Rates					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE					
Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
D1.	SHEMULA/INGWAVUMA BULK WATER SUPPLY LINE BOOSTER PUMP STATIONS (PUMP STATION 01, PUMP STATION 02, PUMP STATION 03 ND PUMP STATION 04)				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		100 000,00
4.2.1.1	Company overheads and profit margin	%	100 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		300 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	300 000,00		
4.4.3	Material nett cost	Prov Sum	-		108 000,00
			Total Carried Forward		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

			Brought Forward		
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	108 000,00		
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-		12 000,00
	Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
E.	MANGUZI WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		52 500,00
4.2.1.1	Company overheads and profit margin	%	52 500,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		276 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	276 000,00		
4.4.3	Material nett cost	Prov Sum	-		40 000,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

				Brought Forward	
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	40 000,00		
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-		8 400,00
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-		660 000,00
4.5.2	On cost on the estimated annual nett purchase price including delivery				
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		72 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1		15 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	87 000,00		
4.6.5	Monitoring of networks and storage sample points (11 pts) (refer to table 3.2.8.4.3(a))	Sum	1		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		1 506 663,04
4.7.2	Operators on-cost on 4.7.1	%	1 506 663,04		
4.7.3	Provisional sum for increases following training and reclassiification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		216 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	216 000,00		
				Total Carried Forward	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

			Brought Forward		
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	216 000,00		-
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff				
	a) Supervisor	month	Rate only		
	b) Process Controller Grade IV	month	Rate only		
	c) Process Controller Grade III	month	Rate only		
	d) Process Controller Grade II	month	Rate only		
	e) Process Controller Grade I	month	Rate only		
	f) Shift Assistant/pump attendant	month	Rate only		
	g) General assistant	month	Rate only		
4.7.4	Specialist Blue and Green Drop support	month	12		
4,8	SECONDED STAFF				
4.8.1	Management Cost for Seconded Staff	month	12		
4,9	REPORTING				
	a) Monthly operational detail and summary reports	month	12		
	b) Monthly maintenance detail and summary reports	month	12		
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12		
	d) Monthly staff returns showing total cost to company	month	12		
	e) Monthly expenditure control reports	month	12		
Total Carried Forward to Summary of Schedules of Rates					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
F.	MTUBATUBA WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		130 500,00
4.2.1.1	Company overheads and profit margin	%	130 500,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		1 000 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	1 000 000,00		-
4.4.3	Material nett cost	Prov Sum	-		250 000,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward				
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	250 000,00	
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-	250 000,00
4,5	TREATMENT CHEMICALS			
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-	10 372 419,86
4.5.2	On cost on the estimated annual nett purchase price including delivery			
4.5.2.1	Sufloc 3870	kg		
4.5.2.2	Sodium Hypochloride	kg		
4.5.2.3	Chlorine Gas	kg		
4.5.2.4	HTH Tablets	kg		
4.5.2.5	Coastic Soda	l		
4.5.2.6	Sulphuric Acid	l		
4.5.2.7	DPD #1	Box		
4.5.2.8	Amonia	ton		
4.5.2.9	HTH Granular	kg		
4.5.2.10	301 Envirobeads	kg		
4,6	WATER QUALITY MONITORING			
4.6.1	On-site quality monitoring by the operator	month	12	
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1	84 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1	20 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	104 000,00	
4.6.5	Monitoring of networks and storage sample points (9 pts) (refer to table 3.2.8.4.3(a))	Sum	1	
4,7	SITE STAFF			
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1	3 074 815,76
4.7.2	Operators on-cost on 4.7.1	%	3 074 815,76	
4.7.3	Provisional sum for increases following training and reclassiification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1	152 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	152 000,00	
Total Carried Forward				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward				
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	250 000,00	
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-	250 000,00
4,5	TREATMENT CHEMICALS			
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-	10 372 419,86
4.5.2	On cost on the estimated annual nett purchase price including delivery			
4.5.2.1	Sufloc 3870	kg		
4.5.2.2	Sodium Hypochloride	kg		
4.5.2.3	Chlorine Gas	kg		
4.5.2.4	HTH Tablets	kg		
4.5.2.5	Coastic Soda	l		
4.5.2.6	Sulphuric Acid	l		
4.5.2.7	DPD #1	Box		
4.5.2.8	Amonia	ton		
4.5.2.9	HTH Granular	kg		
4.5.2.10	301 Envirobeads	kg		
4,6	WATER QUALITY MONITORING			
4.6.1	On-site quality monitoring by the operator	month	12	
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1	84 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1	20 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	104 000,00	
4.6.5	Monitoring of networks and storage sample points (9 pts) (refer to table 3.2.8.4.3(a))	Sum	1	
4,7	SITE STAFF			
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1	3 074 815,76
4.7.2	Operators on-cost on 4.7.1	%	3 074 815,76	
4.7.3	Provisional sum for increases following training and reclassification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1	152 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	152 000,00	
Total Carried Forward				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward				
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	152 000,00	
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff			
	a) Supervisor	month	Rate only	
	b) Process Controller Grade IV	month	Rate only	
	c) Process Controller Grade III	month	Rate only	
	d) Process Controller Grade II	month	Rate only	
	e) Process Controller Grade I	month	Rate only	
	f) Shift Assistant/pump attendant	month	Rate only	
	g) General assistant	month	Rate only	
4.7.4	Specialist Blue and Green Drop support	month	12	
4,8	SECONDED STAFF			
4.8.1	Management Cost for Seconded Staff	month	12	
4,9	REPORTING			
	a) Monthly operational detail and summary reports	month	12	
	b) Monthly maintenance detail and summary reports	month	12	
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12	
	d) Monthly staff returns showing total cost to company	month	12	
	e) Monthly expenditure control reports	month	12	
4,10	Hired of Excavator at abstraction for raw water pumps	hrs	48	
Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
G.	HLUHLUWE PHASE 1 WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		100 000,00
4.2.1.1	Company overheads and profit margin	%	100 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		400 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	400 000,00		
4.4.3	Material nett cost	Prov Sum	-		108 000,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward				
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	108 000,00	
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-	18 000,00
4,5	TREATMENT CHEMICALS			
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-	2 590 836,20
4.5.2	On cost on the estimated annual nett purchase price including delivery			
4.5.2.1	Sufloc 3870	kg		
4.5.2.2	Sodium Hypochloride	kg		
4.5.2.3	Chlorine Gas	kg		
4.5.2.4	HTH Tablets	kg		
4.5.2.5	Coastic Soda	l		
4.5.2.6	Sulphuric Acid	l		
4.5.2.7	DPD #1	Box		
4.5.2.8	Amonia	ton		
4.5.2.9	HTH Granular	kg		
4.5.2.10	301 Envirobeads	kg		
4,6	WATER QUALITY MONITORING			
4.6.1	On-site quality monitoring by the operator	month	12	
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1	72 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1	18 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	90 000,00	
4.6.5	Monitoring of networks and storage sample points (9 pts) (refer to table 3.2.8.4.3(a))	Sum	1	
4,7	SITE STAFF			
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1	2 013 408,60
4.7.2	Operators on-cost on 4.7.1	%	2 013 408,60	
4.7.3	Provisional sum for increases following training and reclassiification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1	64 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	64 000,00	
Total Carried Forward				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

				Brought Forward	
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	64 000,00		
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff				
	a) Supervisor	month	Rate only		
	b) Process Controller Grade IV	month	Rate only		
	c) Process Controller Grade III	month	Rate only		
	d) Process Controller Grade II	month	Rate only		
	e) Process Controller Grade I	month	Rate only		
	f) Shift Assistant/pump attendant	month	Rate only		
	g) General assistant	month	Rate only		
4.7.4	Specialist Blue and Green Drop support	month	12		
4,8	SECONDED STAFF				
4.8.1	Management Cost for Seconded Staff	month	12		
4,9	REPORTING				
	a) Monthly operational detail and summary reports	month	12		
	b) Monthly maintenance detail and summary reports	month	12		
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12		
	d) Monthly staff returns showing total cost to company	month	12		
	e) Monthly expenditure control reports	month	12		
Total Carried Forward to Summary of Schedules of Rates					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
G1.	HLUHLUWE PHASE 01 WTW ASSOCIATED BOOSTER PUMP STATIONS [06X BOOSTER PUMP STATIONS]				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		100 000,00
4.2.1.1	Company overheads and profit margin	%	100 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		300 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	300 000,00		
4.4.3	Material nett cost	Prov Sum	-		108 000,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.39

			Brought Forward		
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	108 000,00		
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-		12 000,00
	Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
H.	HLUHLUWE PHASE 2 WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		62 500,00
4.2.1.1	Company overheads and profit margin	%	62 500,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		60 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	60 000,00		
4.4.3	Material nett cost	Prov Sum	-		60 000,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.41

Brought Forward					
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	60 000,00		
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum			689 612,10
4.5.2	On cost on the estimated annual nett purchase price including delivery of	%	689 612,10		
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		72 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1		18 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	90 000,00		
4.6.5	Monitoring of networks and storage sample points (11 pts) (refer to table 3.2.8.4.3(a))	Sum	1		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		736 621,38
4.7.2	Operators on-cost on 4.7.1	%	736 621,38		
4.7.3	Provisional sum for increases following training and reclassiification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		48 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	48 000,00		
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward				
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	48 000,00	
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff			
	a) Supervisor	month	Rate only	
	b) Process Controller Grade IV	month	Rate only	
	c) Process Controller Grade III	month	Rate only	
	d) Process Controller Grade II	month	Rate only	
	e) Process Controller Grade I	month	Rate only	
	f) Shift Assistant/pump attendant	month	Rate only	
	g) General assistant	month	Rate only	
4.7.4	Specialist Blue and Green Drop support	month	12	
4,8	SECONDED STAFF			
4.8.1	Management Cost for Seconded Staff	month	12	
4,9	REPORTING			
	a) Monthly operational detail and summary reports	month	12	
	b) Monthly maintenance detail and summary reports	month	12	
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12	
	d) Monthly staff returns showing total cost to company	month	12	
	e) Monthly expenditure control reports	month	12	
Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
I.	HLABISA WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		37 500,00
4.2.1.1	Company overheads and profit margin	%	37 500,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum			60 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	60 000,00		
4.4.3	Material nett cost	Prov Sum			60 000,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward					
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	60 000,00		
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-		60 000,00
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-		190 362,00
4.5.2	On cost on the estimated annual nett purchase price including delivery				
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		60 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1		15 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	75 000,00		
4.6.5	Monitoring of networks and storage sample points (3 pts) (refer to table 3.2.8.4.3(a))	Sum	1		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		287 031,13
4.7.2	Operators on-cost on 4.7.1	%	287 031,13		
4.7.3	Provisional sum for increases following training and reclassification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		14 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	14 000,00		
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward				
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	14 000,00	
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff			
	a) Supervisor	month	Rate only	
	b) Process Controller Grade IV	month	Rate only	
	c) Process Controller Grade III	month	Rate only	
	d) Process Controller Grade II	month	Rate only	
	e) Process Controller Grade I	month	Rate only	
	f) Shift Assistant/pump attendant	month	Rate only	
	g) General assistant	month	Rate only	
4.7.4	Specialist Blue and Green Drop support	month	12	
4,8	SECONDED STAFF			
4.8.1	Management Cost for Seconded Staff	month	12	
4,9	REPORTING			
	a) Monthly operational detail and summary reports	month	12	
	b) Monthly maintenance detail and summary reports	month	12	
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12	
	d) Monthly staff returns showing total cost to company	month	12	
	e) Monthly expenditure control reports	month	12	
Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE					
Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
J.	NKOLOKOTO WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		100 000,00
4.2.1.1	Company overheads and profit margin	%	100 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		80 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	80 000,00		-
4.4.3	Material nett cost	Prov Sum	-		60 000,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward					
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	60 000,00		
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-		12 000,00
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-		1 136 844,26
4.5.2	On cost on the estimated annual nett purchase price including delivery				
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		60 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1		15 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	75 000,00		
4.6.5	Monitoring of networks and storage sample points (8 pts) (refer to table 3.2.8.4.3(a))	Sum	1		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		2 314 333,37
4.7.2	Operators on-cost on 4.7.1	%	2 314 333,37		
4.7.3	Provisional sum for increases following training and reclassiification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		128 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	128 000,00		
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward					-
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	128 000,00		-
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff				
	a) Supervisor	month	Rate only		
	b) Process Controller Grade IV	month	Rate only		
	c) Process Controller Grade III	month	Rate only		
	d) Process Controller Grade II	month	Rate only		
	e) Process Controller Grade I	month	Rate only		
	f) Shift Assistant/pump attendant	month	Rate only		
	g) General assistant	month	Rate only		
4.7.4	Specialist Blue and Green Drop support	month	12		
4,8	SECONDED STAFF				
4.8.1	Management Cost for Seconded Staff	month	12		
4,9	REPORTING				
	a) Monthly operational detail and summary reports	month	12		
	b) Monthly maintenance detail and summary reports	month	12		
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12		
	d) Monthly staff returns showing total cost to company	month	12		
	e) Monthly expenditure control reports	month	12		
Total Carried Forward to Summary of Schedules of Rates					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE					
Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
J1.	NKOLOKOTO BOOSTER PUMP STATIONS (MAHAYE, NKUMBANENGI, VULAMEHLO & NOMATHIYA)				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		50 000,00
4.2.1.1	Company overheads and profit margin	%	50 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		300 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	300 000,00		
4.4.3	Material nett cost	Prov Sum	-		108 000,00
			Total Carried Forward		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.50

			Brought Forward		
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	108 000,00		
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-		12 000,00
	Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE					
Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
K1.	JOZINI DISTRIBUTION POINT + SECTION 17 BOOSTER PUMP STATION				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		50 000,00
4.2.1.1	Company overheads and profit margin	%	50 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		300 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	300 000,00		
4.4.3	Material nett cost	Prov Sum	-		108 000,00
			Total Carried Forward		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.52

			Brought Forward		
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	108 000,00		
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-		12 000,00
	Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
K.	JOZINI OLD WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		175 000,00
4.2.1.1	Company overheads and profit margin	%	175 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		100 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	100 000,00		
4.4.3	Material nett cost	Prov Sum	-		50 000,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward					
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	50 000,00		
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-		150 000,00
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-		558 500,00
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	558 500,00		
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		60 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1		15 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	75 000,00		
4.6.5	Monitoring of networks and storage sample points (9 pts) (refer to table 3.2.8.4.3(a))	Sum	1		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		2 243 628,08
4.7.2	Operators on-cost on 4.7.1	%	2 243 628,08		
4.7.3	Provisional sum for increases following training and reclassiification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		110 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	110 000,00		
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward				
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	110 000,00	
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff			
	a) Supervisor	month	Rate only	
	b) Process Controller Grade IV	month	Rate only	
	c) Process Controller Grade III	month	Rate only	
	d) Process Controller Grade II	month	Rate only	
	e) Process Controller Grade I	month	Rate only	
	f) Shift Assistant/pump attendant	month	Rate only	
	g) General assistant	month	Rate only	
4.7.4	Specialist Blue and Green Drop support	month	12	
4,8	SECONDED STAFF			
4.8.1	Management Cost for Seconded Staff	month	12	
4,9	REPORTING			
	a) Monthly operational detail and summary reports	month	12	
	b) Monthly maintenance detail and summary reports	month	12	
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12	
	d) Monthly staff returns showing total cost to company	month	12	
	e) Monthly expenditure control reports	month	12	
Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
L.	JOZINI NEW WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		100 000,00
4.2.1.1	Company overheads and profit margin	%	100 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		75 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	75 000,00		
4.4.3	Material nett cost	Prov Sum	-		86 400,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

				Brought Forward	
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	86 400,00		
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum			16 200,00
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum			2 000 000,00
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	2 000 000,00		
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		96 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1		24 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	120 000,00		
4.6.5	Monitoring of networks and storage sample points (5 pts) (refer to table 3.2.8.4.3(a))	Sum	1		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		1 515 491,51
4.7.2	Operators on-cost on 4.7.1	%	1 515 491,51		
4.7.3	Provisional sum for increases following training and reclassiification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		128 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	128 000,00		
				Total Carried Forward	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

				Brought Forward	
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	128 000,00		
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff				
	a) Supervisor	month	Rate only		
	b) Process Controller Grade IV	month	Rate only		
	c) Process Controller Grade III	month	Rate only		
	d) Process Controller Grade II	month	Rate only		
	e) Process Controller Grade I	month	Rate only		
	f) Shift Assistant/pump attendant	month	Rate only		
	g) General assistant	month	Rate only		
4.7.4	Specialist Blue and Green Drop support	month	12		
4,8	SECONDED STAFF				
4.8.1	Management Cost for Seconded Staff	month	12		
4,9	REPORTING				
	a) Monthly operational detail and summary reports	month	12		
	b) Monthly maintenance detail and summary reports	month	12		
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12		
	d) Monthly staff returns showing total cost to company	month	12		
	e) Monthly expenditure control reports	month	12		
9,7	Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
M.	NONDABUYA WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		25 000,00
4.2.1.1	Company overheads and profit margin	%	25 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		60 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	60 000,00		
4.4.3	Material nett cost	Prov Sum	-		16 200,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward					
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	16 200,00		-
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-		4 800,00
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-		187 229,50
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	187 229,50		
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		60 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1		15 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	75 000,00		
4.6.5	Monitoring of networks and storage sample points (2 pts) (refer to table 3.2.8.4.3(a))	Sum	1		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		184 853,24
4.7.2	Operators on-cost on 4.7.1	%	184 853,24		
4.7.3	Provisional sum for increases following training and reclassiification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		8 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	8 000,00		
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward				
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	8 000,00	
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff			
	a) Supervisor	month	Rate only	
	b) Process Controller Grade IV	month	Rate only	
	c) Process Controller Grade III	month	Rate only	
	d) Process Controller Grade II	month	Rate only	
	e) Process Controller Grade I	month	Rate only	
	f) Shift Assistant/pump attendant	month	Rate only	
	g) General assistant	month	Rate only	
4.7.4	Specialist Blue and Green Drop support	month	12	
4,8	SECONDED STAFF			
4.8.1	Management Cost for Seconded Staff	month	12	
4,9	REPORTING			
	a) Monthly operational detail and summary reports	month	12	
	b) Monthly maintenance detail and summary reports	month	12	
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12	
	d) Monthly staff returns showing total cost to company	month	12	
	e) Monthly expenditure control reports	month	12	
Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
N.	MKUZE WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		75 000,00
4.2.1.1	Company overheads and profit margin	%	75 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		250 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	250 000,00		
4.4.3	Material nett cost	Prov Sum	-		27 000,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.63

				Brought Forward	
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	27 000,00		
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-		48 600,00
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-		814 655,60
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	814 655,60		
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		72 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1		18 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	90 000,00		
4.6.5	Monitoring of networks and storage sample points (9 pts) (refer to table 3.2.8.4.3(a))	Sum	1		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		692 261,70
4.7.2	Operators on-cost on 4.7.1	%	692 261,70		
4.7.3	Provisional sum for increases following training and reclassiification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		48 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	48 000,00		
				Total Carried Forward	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward				
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	48 000,00	
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff			
	a) Supervisor	month	Rate only	
	b) Process Controller Grade IV	month	Rate only	
	c) Process Controller Grade III	month	Rate only	
	d) Process Controller Grade II	month	Rate only	
	e) Process Controller Grade I	month	Rate only	
	f) Shift Assistant/pump attendant	month	Rate only	
	g) General assistant	month	Rate only	
4.7.4	Specialist Blue and Green Drop support	month	12	
4,8	SECONDED STAFF			
4.8.1	Management Cost for Seconded Staff	month	12	
4,9	REPORTING			
	a) Monthly operational detail and summary reports	month	12	
	b) Monthly maintenance detail and summary reports	month	12	
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12	
	d) Monthly staff returns showing total cost to company	month	12	
	e) Monthly expenditure control reports	month	12	
Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE					
Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
N1.	MKUZE/UBOMBO BOOSTER PUMP STATIONS (PUMP STATION 01, PUMP STATION 02 AND PUMP STATION 03)				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		100 000,00
4.2.1.1	Company overheads and profit margin	%	100 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		300 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	300 000,00		
4.4.3	Material nett cost	Prov Sum	-		108 000,00
			Total Carried Forward		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.66

			Brought Forward		
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	108 000,00		
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-		12 000,00
	Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
P.	MALOBENI WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		60 000,00
4.2.1.1	Company overheads and profit margin	%	60 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		79 940,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	79 940,00		
4.4.3	Material nett cost	Prov Sum	-		48 600,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward					
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	48 600,00		
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-		43 200,00
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-		488 440,52
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	488 440,52		
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		74 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1		12 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	86 000,00		
4.6.5	Monitoring of networks and storage sample points (2pts) (refer to table 3.2.8.4.3(a))	Sum	1		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		630 992,00
4.7.2	Operators on-cost on 4.7.1	%	630 992,00		
4.7.3	Provisional sum for increases following training and reclassification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		32 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	32 000,00		
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward				
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	32 000,00	
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff			
	a) Supervisor	month	Rate only	
	b) Process Controller Grade IV	month	Rate only	
	c) Process Controller Grade III	month	Rate only	
	d) Process Controller Grade II	month	Rate only	
	e) Process Controller Grade I	month	Rate only	
	f) Shift Assistant/pump attendant	month	Rate only	
	g) General assistant	month	Rate only	
4.7.4	Specialist Blue and Green Drop support	month	12	
4,8	SECONDED STAFF			
4.8.1	Management Cost for Seconded Staff	month	12	
4,9	REPORTING			
	a) Monthly operational detail and summary reports	month	12	
	b) Monthly maintenance detail and summary reports	month	12	
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12	
	d) Monthly staff returns showing total cost to company	month	12	
	e) Monthly expenditure control reports	month	12	
Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
Q.	INGWAVUMA WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		60 000,00
4.2.1.1	Company overheads and profit margin	%	60 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		80 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	80 000,00		
4.4.3	Material nett cost	Prov Sum	-		64 800,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward				
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	64 800,00	
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-	48 600,00
4,5	TREATMENT CHEMICALS			
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-	95 415,51
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	95 415,51	
4.5.2.1	Sufloc 3870	kg		
4.5.2.2	Sodium Hypochloride	kg		
4.5.2.3	Chlorine Gas	kg		
4.5.2.4	HTH Tablets	kg		
4.5.2.5	Coastic Soda	l		
4.5.2.6	Sulphuric Acid	l		
4.5.2.7	DPD #1	Box		
4.5.2.8	Amonia	ton		
4.5.2.9	HTH Granular	kg		
4.5.2.10	301 Envirobeads	kg		
4,6	WATER QUALITY MONITORING			
4.6.1	On-site quality monitoring by the operator	month		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1	80 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1	12 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	92 000,00	
4.6.5	Monitoring of networks and storage sample points (2 pts) (refer to table 3.2.8.4.3(a))	Sum	1	
4,7	SITE STAFF			
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1	414 516,75
4.7.2	Operators on-cost on 4.7.1	%	414 516,75	
4.7.3	Provisional sum for increases following training and reclassification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1	32 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	32 000,00	
Total Carried Forward				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward				
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	32 000,00	
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff			
	a) Supervisor	month	Rate only	
	b) Process Controller Grade IV	month	Rate only	
	c) Process Controller Grade III	month	Rate only	
	d) Process Controller Grade II	month	Rate only	
	e) Process Controller Grade I	month	Rate only	
	f) Shift Assistant/pump attendant	month	Rate only	
	g) General assistant	month	Rate only	
4.7.4	Specialist Blue and Green Drop support	month	1200,0%	
4,8	SECONDED STAFF			
4.8.1	Management Cost for Seconded Staff	month	12	
4,9	REPORTING			
	a) Monthly operational detail and summary reports	month	12	
	b) Monthly maintenance detail and summary reports	month	12	
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12	
	d) Monthly staff returns showing total cost to company	month	12	
	e) Monthly expenditure control reports	month	12	
Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
R.	BLOCK 6 WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		25 000,00
4.2.1.1	Company overheads and profit margin	%	25 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		200 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	200 000,00		
4.4.3	Material nett cost	Prov Sum	-		54 000,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.74

Brought Forward					
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	54 000,00		
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-		54 000,00
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-		235 000,00
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	235 000,00		
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		60 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1		12 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	72 000,00		
4.6.5	Monitoring of networks and storage sample points (2pts) (refer to table 3.2.8.4.3(a))	Sum	1		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		418 440,00
4.7.2	Operators on-cost on 4.7.1	%	418 440,00		
4.7.3	Provisional sum for increases following training and reclassification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		160 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	160 000,00		
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

				Brought Forward	
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	160 000,00		
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff				
	a) Supervisor	month	Rate only		
	b) Process Controller Grade IV	month	Rate only		
	c) Process Controller Grade III	month	Rate only		
	d) Process Controller Grade II	month	Rate only		
	e) Process Controller Grade I	month	Rate only		
	f) Shift Assistant/pump attendant	month	Rate only		
	g) General assistant	month	Rate only		
4.7.4	Specialist Blue and Green Drop support	month	12		
4,8	SECONDED STAFF				
4.8.1	Management Cost for Seconded Staff	month	12		
4,9	REPORTING				
	a) Monthly operational detail and summary reports	month	12		
	b) Monthly maintenance detail and summary reports	month	12		
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12		
	d) Monthly staff returns showing total cost to company	month	12		
	e) Monthly expenditure control reports	month	12		
Total Carried Forward to Summary of Schedules of Rates					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
U	NEW OTHOBOTHINI(JOZINI) WATER TREATMENT WORKS				
	GENERAL				
	OPERATION AND MAINTENANCE				
1	PLANNED MAINTENANCE				
1,1	Grounds and housekeeping	month	12		
1,2	Building and Structural	month	12		
1,3	Mechanical & Electrical equipment and Instrumentation	month	12		
1,4	Pipework & Valves	month	12		
Total Carried Forward					
Brought Forward					
1,5	Operating Labour as per the list below rate per month	Prov. Sum			390 000,00
	a. One Superintent				
	b. One Supervisor				
	c. Four Process Controller				
	d. One Millwright				
	e. Four Shift Assistant				
	f. Four General Assistant				
	Operators on-cost on 1,5	%	390 000,00		
2	TREATMENT CHEMICALS				
2,1	Procure, supply, delivery and application of treatment chemicals.	Prov. Sum			800 000,00
2,1,1	Operators on-cost on 2.1	%	800 000,00		
3	WATER QUALITY MONITORING				
3,1	On-site quality monitoring by the operator	month	12		
3,2	Monitoring by an independent external laborarory	Prov. Sum	1		120 000,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.77

Brought Forward					
3.2.1	Company overheads and profit margins	%	120 000,00		
3,3	Specialist Blue and Green Drop support	month	12		
4	REPORTING				
	a) Monthly operational detail and summary reports	month	12		
	b) Monthly maintenance detail and summary reports	month	12		
Total Carried Forward to Summary of Schedules of Rates					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE					
Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
U1	JOZINI/INGWAVUMA RIDGE PUMP STATIONS (KWANDLANZI, RIGGE 01, RIDGE 02, RIDGE 03 AND RIDGE 04)				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		400 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	400 000,00		
4.4.3	Material nett cost	Prov Sum	-		108 000,00
			Total Carried Forward		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.79

			Brought Forward		
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	108 000,00		
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-		12 000,00
	Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
T.	MAKHONYENI WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		30 000,00
4.2.1.1	Company overheads and profit margin	%	30 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		37 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	37 000,00		
4.4.3	Material nett cost	Prov Sum	-		43 200,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

				Brought Forward	
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	43 200,00		
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-		48 600,00
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-		296 800,00
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	296 800,00		
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		60 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1		12 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	72 000,00		
4.6.5	Monitoring of networks and storage sample points (3pts) (refer to table 3.2.8.4.3(a))	Sum	1		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		395 400,00
4.7.2	Operators on-cost on 4.7.1	%	395 400,00		
4.7.3	Provisional sum for increases following training and reclassiification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		16 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	16 000,00		
				Total Carried Forward	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward				
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	16 000,00	
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff			
	a) Supervisor	month	Rate only	
	b) Process Controller Grade IV	month	Rate only	
	c) Process Controller Grade III	month	Rate only	
	d) Process Controller Grade II	month	Rate only	
	e) Process Controller Grade I	month	Rate only	
	f) Shift Assistant/pump attendant	month	Rate only	
	g) General assistant	month	Rate only	
4.7.4	Specialist Blue and Green Drop support	month	12	
4,8	SECONDED STAFF			
4.8.1	Management Cost for Seconded Staff	month	12	
4,9	REPORTING			
	a) Monthly operational detail and summary reports	month	12	
	b) Monthly maintenance detail and summary reports	month	12	
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12	
	d) Monthly staff returns showing total cost to company	month	12	
	e) Monthly expenditure control reports	month	12	
Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.83

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
V.	MSHUDU WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		50 000,00
4.2.1.1	Company overheads and profit margin	%	50 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		10 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	10 000,00		
4.4.3	Material nett cost	Prov Sum	-		10 000,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward					
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	10 000,00		-
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-		24 000,00
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-		70 770,00
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	70 770,00		
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		60 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1		12 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	72 000,00		
4.6.5	Monitoring of networks and storage sample points (2pts) (refer to table 3.2.8.4.3(a))	Sum	1		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		613 000,00
4.7.2	Operators on-cost on 4.7.1	%	613 000,00		
4.7.3	Provisional sum for increases following training and reclassiification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		22 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	22 000,00		
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward				
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	22 000,00	
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff			
	a) Supervisor	month	Rate only	
	b) Process Controller Grade IV	month	Rate only	
	c) Process Controller Grade III	month	Rate only	
	d) Process Controller Grade II	month	Rate only	
	e) Process Controller Grade I	month	Rate only	
	f) Shift Assistant/pump attendant	month	Rate only	
	g) General assistant	month	Rate only	
4.7.4	Specialist Blue and Green Drop support	month	12	
4,8	SECONDED STAFF			
4.8.1	Management Cost for Seconded Staff	month	12	
4,9	REPORTING			
	a) Monthly operational detail and summary reports	month	12	
	b) Monthly maintenance detail and summary reports	month	12	
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12	
	d) Monthly staff returns showing total cost to company	month	12	
	e) Monthly expenditure control reports	month	12	
Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
W.	GEDLEZA WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		60 000,00
4.2.1.1	Company overheads and profit margin	%	60 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		50 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	50 000,00		
4.4.3	Material nett cost	Prov Sum	-		20 000,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward					-
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	20 000,00		
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-		750 000,00
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	750 000,00		
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		60 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1		12 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	72 000,00		
4.6.5	Monitoring of networks and storage sample points (2pts) (refer to table 3.2.8.4.3(a))	Sum	1		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		315 165,00
4.7.2	Operators on-cost on 4.7.1	%	315 165,00		
4.7.3	Provisional sum for increases following training and reclassification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		32 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	32 000,00		
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward				
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	32 000,00	
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff			
	a) Supervisor	month	Rate only	
	b) Process Controller Grade IV	month	Rate only	
	c) Process Controller Grade III	month	Rate only	
	d) Process Controller Grade II	month	Rate only	
	e) Process Controller Grade I	month	Rate only	
	f) Shift Assistant/pump attendant	month	Rate only	
	g) General assistant	month	Rate only	
4.7.4	Specialist Blue and Green Drop support	month	12	
4,8	SECONDED STAFF			
4.8.1	Management Cost for Seconded Staff	month	12	
4,9	REPORTING			
	a) Monthly operational detail and summary reports	month	12	
	b) Monthly maintenance detail and summary reports	month	12	
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12	
	d) Monthly staff returns showing total cost to company	month	12	
	e) Monthly expenditure control reports	month	12	
Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
X.	MANGUZI AIRFIELD WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		60 000,00
4.2.1.1	Company overheads and profit margin	%	60 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		50 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	50 000,00		-
4.4.3	Material nett cost	Prov Sum	-		48 600,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

				Brought Forward	
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	48 600,00		-
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-		272 624,00
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	272 624,00		
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		60 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1		12 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	72 000,00		
4.6.5	Monitoring of networks and storage sample points (2pts) (refer to table 3.2.8.4.3(a))	Sum	1		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		1 034 345,00
4.7.2	Operators on-cost on 4.7.1	%	1 034 345,00		-
4.7.3	Provisional sum for increases following training and reclassification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		112 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	112 000,00		
				Total Carried Forward	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward				
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	112 000,00	
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff			
	a) Supervisor	month	Rate only	
	b) Process Controller Grade IV	month	Rate only	
	c) Process Controller Grade III	month	Rate only	
	d) Process Controller Grade II	month	Rate only	
	e) Process Controller Grade I	month	Rate only	
	f) Shift Assistant/pump attendant	month	Rate only	
	g) General assistant	month	Rate only	
4.7.4	Specialist Blue and Green Drop support	month	12	
4,8	SECONDED STAFF			
4.8.1	Management Cost for Seconded Staff	month	12	
4,9	REPORTING			
	a) Monthly operational detail and summary reports	month	12	
	b) Monthly maintenance detail and summary reports	month	12	
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12	
	d) Monthly staff returns showing total cost to company	month	12	
	e) Monthly expenditure control reports	month	12	
Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
Y.	THENGANE WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		60 000,00
4.2.1.1	Company overheads and profit margin	%	60 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		50 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	50 000,00		-
4.4.3	Material nett cost	Prov Sum	-		48 600,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward					
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	48 600,00		
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-		48 600,00
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-		156 000,00
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	156 000,00		
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		60 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1		12 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	72 000,00		
4.6.5	Monitoring of networks and storage sample points (7pts) (refer to table 3.2.8.4.3(a))	Sum	1		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		876 040,00
4.7.2	Operators on-cost on 4.7.1	%	876 040,00		
4.7.3	Provisional sum for increases following training and reclassiification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		48 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	48 000,00		
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward				
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	48 000,00	
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff			
	a) Supervisor	month	Rate only	
	b) Process Controller Grade IV	month	Rate only	
	c) Process Controller Grade III	month	Rate only	
	d) Process Controller Grade II	month	Rate only	
	e) Process Controller Grade I	month	Rate only	
	f) Shift Assistant/pump attendant	month	Rate only	
	g) General assistant	month	Rate only	
4.7.4	Specialist Blue and Green Drop support	month	12	
4,8	SECONDED STAFF			
4.8.1	Management Cost for Seconded Staff	month	12	
4,9	REPORTING			
	a) Monthly operational detail and summary reports	month	12	
	b) Monthly maintenance detail and summary reports	month	12	
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12	
	d) Monthly staff returns showing total cost to company	month	12	
	e) Monthly expenditure control reports	month	12	
Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
Q.	MASHABANE WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		20 000,00
4.2.1.1	Company overheads and profit margin	%	20 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		80 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	80 000,00		
4.4.3	Material nett cost	Prov Sum			48 600,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.96

Brought Forward				
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	48 600,00	
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-	48 600,00
4.4.5.1	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	48 000,00	
4,5	TREATMENT CHEMICALS			
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-	85 000,00
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	85 000,00	
4.5.2.1	Sufloc 3870	kg		
4.5.2.2	Sodium Hypochloride	kg		
4.5.2.3	Chlorine Gas	kg		
4.5.2.4	HTH Tablets	kg		
4.5.2.5	Coastic Soda	l		
4.5.2.6	Sulphuric Acid	l		
4.5.2.7	DPD #1	Box		
4.5.2.8	Amonia	ton		
4.5.2.9	HTH Granular	kg		
4.5.2.10	301 Envirobeads	kg		
4,6	WATER QUALITY MONITORING			
4.6.1	On-site quality monitoring by the operator	month	12	
4.6.2	Monitoring by an independent external laborarory	Sum	1	64 320,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Sum	1	10 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	74 320,00	
4,7	SITE STAFF			
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1	480 000,00
4.7.2	Operators on-cost on 4.7.1	%	480 000,00	
4.7.3	Provisional sum for increases following training and reclassiification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1	10 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	10 000,00	
Total Carried Forward				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.97

Brought Forward					
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	10 000,00		
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff				
	a) Process Controller Grade II	month	Rate only		
	b) Process Controller Grade I	month	Rate only		
	c) Shift Assistant/pump attendant	month	Rate only		
	d) General assistant	month	Rate only		
4,8	SECONDED STAFF				
4.8.1	Management Cost for Seconded Staff	month	12		
4,9	REPORTING				
	a) Monthly operational detail and summary reports	month	12		
	b) Monthly maintenance detail and summary reports	month	12		
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12		
	d) Monthly staff returns showing total cost to company	month	12		
	e) Monthly expenditure control reports	month	12		
	Diesel for the generator (power from Eskom is in progress)	month	12		
Total Carried Forward to Summary of Schedules of Rates					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
Q.	MZINYENI WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		20 000,00
4.2.1.1	Company overheads and profit margin	%	20 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		10 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	10 000,00		
4.4.3	Material nett cost	Prov Sum			48 600,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward					
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	48 600,00		
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum			85 000,00
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	8500000,0%		
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Sum	1		64 320,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Sum	1		10 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	74 320,00		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		480 000,00
4.7.2	Operators on-cost on 4.7.1	%	480 000,00		
4.7.3	Provisional sum for increases following training and reclassification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		10 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	10 000,00		
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.100

Brought Forward				
4.7.5	Provision for additional site staff over-and-above seconded/transferred staff			
	a) Process Controller Grade II	month	Rate only	
	b) Process Controller Grade I	month	Rate only	
	c) Shift Assistant/pump attendant	month	Rate only	
	d) General assistant	month	Rate only	
4,8	SECONDED STAFF			
4.8.1	Management Cost for Seconded Staff	month	12	
4,9	REPORTING			
	a) Monthly operational detail and summary reports	month	12	
	b) Monthly maintenance detail and summary reports	month	12	
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12	
	d) Monthly staff returns showing total cost to company	month	12	
	e) Monthly expenditure control reports	month	12	
	Diesel for the generator (power from Eskom is in progress)	month	12	
Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
ZB.	MPEMBENI WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		62 500,00
4.2.1.1	Company overheads and profit margin	%	62 500,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum			60 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	60 000,00		
4.4.3	Material nett cost	Prov Sum			60 000,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward					
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	60 000,00		
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum			8 400,00
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum			80 000,00
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	80 000,00		
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		72 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1		18 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	90 000,00		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		736 621,38
4.7.2	Operators on-cost on 4.7.1	%	736 621,38		
4.7.3	Provisional sum for increases following training and reclassiification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		48 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	48 000,00		
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward					
4.7.5	Provision for additional site staff over-and-above seconded/transferred staff				
	a) Supervisor	month	Rate only		
	b) Process Controller Grade IV	month	Rate only		
	c) Process Controller Grade III	month	Rate only		
	d) Process Controller Grade II	month	Rate only		
	e) Process Controller Grade I	month	Rate only		
	f) Shift Assistant/pump attendant	month	Rate only		
	g) General assistant	month	Rate only		
4.7.6	Specialist Blue and Green Drop support	month	12		
4,8	SECONDED STAFF				
4.8.1	Management Cost for Seconded Staff	month	12		
4,9	REPORTING				
	a) Monthly operational detail and summary reports	month	12		
	b) Monthly maintenance detail and summary reports	month	12		
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12		
	d) Monthly staff returns showing total cost to company	month	12		
	e) Monthly expenditure control reports	month	12		
Total Carried Forward to Summary of Schedules of Rates					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE					
Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
W.	THONGA WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		60 000,00
4.2.1.1	Company overheads and profit margin	%	60 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		50 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	50 000,00		
4.4.3	Material nett cost	Prov Sum	-		20 000,00
			Total Carried Forward		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

			Brought Forward		-
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	20 000,00		
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-		750 000,00
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	750 000,00		
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		60 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1		12 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	72 000,00		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		315 165,00
4.7.2	Operators on-cost on 4.7.1	%	315 165,00		
4.7.3	Provisional sum for increases following training and reclassification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		32 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	32 000,00		
			Total Carried Forward		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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Contractor

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Witness 1

Witness 2

Employer

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Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
AA.	MANGUZI WASTE WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		12 500,00
4.2.1.1	Company overheads and profit margin	%	12 500,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		70 200,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	70 200,00		
4.4.3	Material nett cost	Prov Sum	-		48 600,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward					
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	48 600,00		
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-		62 000,00
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	62 000,00		
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		48 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory-GN 991	Prov. Sum	1		15 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	63 000,00		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		91 500,00
4.7.2	Operators on-cost on 4.7.1	%	91 500,00		
4.7.3	Provisional sum for increases following training and reclassiification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		4 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	4 000,00		
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

				Brought Forward	
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	4 000,00		
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff				
	a) Supervisor	month	Rate only		
	b) Process Controller Grade IV	month	Rate only		
	c) Process Controller Grade III	month	Rate only		
	d) Process Controller Grade II	month	Rate only		
	e) Process Controller Grade I	month	Rate only		
	f) Process Controller Grade 0	month	Rate only		
	g) Shift Assistant/pump attendant	month	Rate only		
	h) General assistant	month	Rate only		
4.7.4	Specialist Blue and Green Drop support	month	12		
4.8	SECONDED STAFF				
4.8.1	Management Cost for Seconded Staff	month	12		
4.9	REPORTING				
	a) Monthly operational detail and summary reports	month	12		
	b) Monthly maintenance detail and summary reports	month	12		
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12		
	d) Monthly staff returns showing total cost to company	month	12		
	e) Monthly expenditure control reports	month	12		
Total Carried Forward to Summary of Schedules of Rates					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
BB.	MTUBATUBA WASTE WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		62 500,00
4.2.1.1	Company overheads and profit margin	%	62 500,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		350 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	350 000,00		
4.4.3	Material nett cost	Prov Sum	-		2 700,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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Brought Forward				
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	2 700,00	
4,5	TREATMENT CHEMICALS			
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-	160 780,00
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	160 780,00	
4.5.2.1	Sufloc 3870	kg		
4.5.2.2	Sodium Hypochloride	kg		
4.5.2.3	Chlorine Gas	kg		
4.5.2.4	HTH Tablets	kg		
4.5.2.5	Coastic Soda	l		
4.5.2.6	Sulphuric Acid	l		
4.5.2.7	DPD #1	Box		
4.5.2.8	Amonia	ton		
4.5.2.9	HTH Granular	kg		
4.5.2.10	301 Envirobeads	kg		
4,6	WATER QUALITY MONITORING			
4.6.1	On-site quality monitoring by the operator	month	12	
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1	84 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory-GN 991	Prov. Sum	1	18 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	102 000,00	
4,7	SITE STAFF			
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1	684 500,00
4.7.2	Operators on-cost on 4.7.1	%	684 500,00	
4.7.3	Provisional sum for increases following training and reclassiification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1	8 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	8 000,00	
Total Carried Forward				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward					
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	8 000,00		
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff				
	a) Supervisor	month	Rate only		
	b) Process Controller Grade IV	month	Rate only		
	c) Process Controller Grade III	month	Rate only		
	d) Process Controller Grade II	month	Rate only		
	e) Process Controller Grade I	month	Rate only		
	f) Process Controller Grade 0	month	Rate only		
	g) Shift Assistant/pump attendant	month	Rate only		
	h) General assistant	month	Rate only		
4.7.4	Specialist Blue and Green Drop support	month	12		
4.8	SECONDED STAFF				
4.8.1	Management Cost for Seconded Staff	month	12		
4.9	REPORTING				
	a) Monthly operational detail and summary reports	month	12		
	b) Monthly maintenance detail and summary reports	month	12		
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12		
	d) Monthly staff returns showing total cost to company	month	12		
	e) Monthly expenditure control reports	month	12		
Total Carried Forward to Summary of Schedules of Rates					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
BB1	MTUBA SEWER BOOSTER PUMP STATIONS (NORDALE, BOXER AND INDLOVU VILLAGE)				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		100 000,00
4.2.1.1	Company overheads and profit margin	%	100 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		400 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	400 000,00		
4.4.3	Material nett cost	Prov Sum	-		108 000,00
			Total Carried Forward		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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			Brought Forward		
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	108 000,00		
	Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
CC.	ST LUCIA WASTE WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		12 500,00
4.2.1.1	Company overheads and profit margins	%	12 500,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		100 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	100 000,00		
4.4.3	Material nett cost	Prov Sum	-		4 200,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward				
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	4 200,00	
4,5	TREATMENT CHEMICALS			
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-	6 355,00
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	6 355,00	
4.5.2.1	Sufloc 3870	kg		
4.5.2.2	Sodium Hypochloride	kg		
4.5.2.3	Chlorine Gas	kg		
4.5.2.4	HTH Tablets	kg		
4.5.2.5	Coastic Soda	l		
4.5.2.6	Sulphuric Acid	l		
4.5.2.7	DPD #1	Box		
4.5.2.8	Amonia	ton		
4.5.2.9	HTH Granular	kg		
4.5.2.10	301 Envirobeads	kg		
4,6	WATER QUALITY MONITORING			
4.6.1	On-site quality monitoring by the operator	month	12	
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1	48 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory-GN 991	Prov. Sum	1	15 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	63 000,00	
4,7	SITE STAFF			
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1	300 000,00
4.7.2	Operators on-cost on 4.7.1	%	300 000,00	
4.7.3	Provisional sum for increases following training and reclassification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1	16 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	16 000,00	
Total Carried Forward				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward				
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	16 000,00	
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff			
	a) Supervisor	month		
	b) Process Controller Grade IV	month		
	c) Process Controller Grade III	month		
	d) Process Controller Grade II	month		
	e) Process Controller Grade I	month		
	f) Process Controller Grade 0	month		
	g) Shift Assistant/pump attendant	month		
	h) General assistant	month		
4.7.4	Specialist Blue and Green Drop support	month	12	
4,8	SECONDED STAFF			
4.8.1	Management Cost for Seconded Staff	month	12	
4,9	REPORTING			
	a) Monthly operational detail and summary reports	month	12	
	b) Monthly maintenance detail and summary reports	month	12	
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12	
	d) Monthly staff returns showing total cost to company	month	12	
	e) Monthly expenditure control reports	month	12	
Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
CC1.	ST LUCIA SEWER BOOSTER PUMP STATIONS (1,2,3,4,5 &6)				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		100 000,00
4.2.1.1	Office overheads and profit margin	%	100 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		400 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	400 000,00		
4.4.3	Material nett cost	Prov Sum	-		108 000,00
			Total Carried Forward		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.119

			Brought Forward		
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	108 000,00		
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-		12 000,00
	Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.120

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
DD.	KWAMSANE WASTE WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		25 000,00
4.2.1.1	Office overheads and profit margin	%	25 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		25 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	25 000,00		
4.4.3	Material nett cost	Prov Sum	-		2 700,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward				
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	2 700,00	
4,5	TREATMENT CHEMICALS			
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-	32 500,00
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	32 500,00	
4.5.2.1	Sufloc 3870	kg		
4.5.2.2	Sodium Hypochloride	kg		
4.5.2.3	Chlorine Gas	kg		
4.5.2.4	HTH Tablets	kg		
4.5.2.5	Coastic Soda	l		
4.5.2.6	Sulphuric Acid	l		
4.5.2.7	DPD #1	Box		
4.5.2.8	Amonia	ton		
4.5.2.9	HTH Granular	kg		
4.5.2.10	301 Envirobeads	kg		
4,6	WATER QUALITY MONITORING			
4.6.1	On-site quality monitoring by the operator	month	12	
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1	48 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory-GN 991	Prov. Sum	1	15 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	63 000,00	
4,7	SITE STAFF			
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1	392 600,00
4.7.2	Operators on-cost on 4.7.1	%	392 600,00	
4.7.3	Provisional sum for increases following training and reclassification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1	16 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	16 000,00	
Total Carried Forward				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward				
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	16 000,00	
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff			
	a) Supervisor	month	Rate only	
	b) Process Controller Grade IV	month	Rate only	
	c) Process Controller Grade III	month	Rate only	
	d) Process Controller Grade II	month	Rate only	
	e) Process Controller Grade I	month	Rate only	
	f) Process Controller Grade 0	month	Rate only	
	g) Shift Assistant/pump attendant	month	Rate only	
	h) General assistant	month	Rate only	
4.7.4	Specialist Blue and Green Drop support	month	12	
4,8	SECONDED STAFF			
4.8.1	Management Cost for Seconded Staff	month	12	
4,9	REPORTING			
	a) Monthly operational detail and summary reports	month	12	
	b) Monthly maintenance detail and summary reports	month	12	
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12	
	d) Monthly staff returns showing total cost to company	month	12	
	e) Monthly expenditure control reports	month	12	
Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
EE.	HLUHLUWE WASTE WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		30 000,00
4.2.1.1	Office overheads and profit margin	%	30 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		12 960,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	12 960,00		
4.4.3	Material nett cost	Prov Sum	-		27 000,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.124

				Brought Forward	
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	27 000,00		
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-		43 800,00
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	43 800,00		
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		65 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory-GN 991	Prov. Sum	1		15 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	63 000,00		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		328 440,00
4.7.2	Operators on-cost on 4.7.1	%	328 440,00		
4.7.3	Provisional sum for increases following training and reclassiification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		16 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	16 000,00		
				Total Carried Forward	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.125

Brought Forward				
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	16 000,00	
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff			
	a) Supervisor	month	Rate only	
	b) Process Controller Grade IV	month	Rate only	
	c) Process Controller Grade III	month	Rate only	
	d) Process Controller Grade II	month	Rate only	
	e) Process Controller Grade I	month	Rate only	
	f) Process Controller Grade 0	month	Rate only	
	g) Shift Assistant/pump attendant	month	Rate only	
	h) General assistant	month	Rate only	
4.7.4	Specialist Blue and Green Drop support	month	12	
4,8	SECONDED STAFF			
4.8.1	Management Cost for Seconded Staff	month	12	
4,9	REPORTING			
	a) Monthly operational detail and summary reports	month	12	
	b) Monthly maintenance detail and summary reports	month	12	
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12	
	d) Monthly staff returns showing total cost to company	month	12	
	e) Monthly expenditure control reports	month	12	
	Hluhluwe wwttw sewer jetting and repairs (18/02/2021)			
Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
FF.	HLABISA WASTE WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		25 000,00
4.2.1.1	Office overheads and profit margin	%	25 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		5 400,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	5 400,00		
4.4.3	Material nett cost	Prov Sum	-		2 700,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.127

				Brought Forward	
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	2 700,00		
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-		60 000,00
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	60 000,00		
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		84 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory-GN 991	Prov. Sum	1		18 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	102 000,00		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		289 000,00
4.7.2	Operators on-cost on 4.7.1	%	289 000,00		
4.7.3	Provisional sum for increases following training and reclassification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		8 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	8 000,00		
				Total Carried Forward	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.128

Brought Forward				
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	8 000,00	
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff			
	a) Supervisor	month	Rate only	
	b) Process Controller Grade IV	month	Rate only	
	c) Process Controller Grade III	month	Rate only	
	d) Process Controller Grade II	month	Rate only	
	e) Process Controller Grade I	month	Rate only	
	f) Process Controller Grade 0	month	Rate only	
	g) Shift Assistant/pump attendant	month	Rate only	
	h) General assistant	month	Rate only	
4.7.4	Specialist Blue and Green Drop support	month	12	
4,8	SECONDED STAFF			
4.8.1	Management Cost for Seconded Staff	month	12	
4,9	REPORTING			
	a) Monthly operational detail and summary reports	month	12	
	b) Monthly maintenance detail and summary reports	month	12	
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12	
	d) Monthly staff returns showing total cost to company	month	12	
	e) Monthly expenditure control reports	month	12	
Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE					
Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
HH.	MKUZE WASTE WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		25 000,00
4.2.1.1	Office overheads and profit margin	%	25 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		5 400,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	5 400,00		
4.4.3	Material nett cost	Prov Sum	-		2 700,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.130

Brought Forward					
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	2 700,00		
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-		27 800,00
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-		62 650,00
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	62 650,00		
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		48 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory-GN 991	Prov. Sum	1		15 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	63 000,00		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		322 060,00
4.7.2	Operators on-cost on 4.7.1	%	322 060,00		
4.7.3	Provisional sum for increases following training and reclassification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		8 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	-		
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.131

Brought Forward					
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	8 000,00		
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff				
	a) Supervisor	month			
	b) Process Controller Grade IV	month			
	c) Process Controller Grade III	month			
	d) Process Controller Grade II	month			
	e) Process Controller Grade I	month			
	f) Process Controller Grade 0	month			
	g) Shift Assistant/pump attendant	month			
	h) General assistant	month			
4.7.4	Specialist Blue and Green Drop support	month	12		
4,8	SECONDED STAFF				
4.8.1	Management Cost for Seconded Staff	month	12		
4,9	REPORTING				
	a) Monthly operational detail and summary reports	month	12		
	b) Monthly maintenance detail and summary reports	month	12		
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12		
	d) Monthly staff returns showing total cost to company	month	12		
	e) Monthly expenditure control reports	month	12		
Total Carried Forward to Summary of Schedules of Rates					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.132

SCHEDULE 4: WORKS SCHEDULE					
Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
HH1.	MKUZE SEWER BOOSTER PUMP STATIONS (Railway,Ghost Mountain and Mkuze UKDM offices)				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		100 000,00
4.2.1.1	Company overhesds and margin	%	100 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		400 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	400 000,00		
4.4.3	Material nett cost	Prov Sum	-		108 000,00
			Total Carried Forward		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.133

			Brought Forward		
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	108 000,00		
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-		12 000,00
	Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.134

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
II.	UBOMBO BETHESDA WASTE WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		50 000,00
4.2.1.1	Office overheads and profit margin	%	50 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		10 000,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	10 000,00		
4.4.3	Material nett cost	Prov Sum	-		3 240,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.135

				Brought Forward	
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	3 240,00		
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-		2 700,00
4,5	TREATMENT CHEMICALS				
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-		177 990,00
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	177 990,00		
4.5.2.1	Sufloc 3870	kg			
4.5.2.2	Sodium Hypochloride	kg			
4.5.2.3	Chlorine Gas	kg			
4.5.2.4	HTH Tablets	kg			
4.5.2.5	Coastic Soda	l			
4.5.2.6	Sulphuric Acid	l			
4.5.2.7	DPD #1	Box			
4.5.2.8	Amonia	ton			
4.5.2.9	HTH Granular	kg			
4.5.2.10	301 Envirobeads	kg			
4,6	WATER QUALITY MONITORING				
4.6.1	On-site quality monitoring by the operator	month	12		
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1		84 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory-GN 991	Prov. Sum	1		18 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	102 000,00		
4,7	SITE STAFF				
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1		75 320,00
4.7.2	Operators on-cost on 4.7.1	%	75 320,00		
4.7.3	Provisional sum for increases following training and reclassiification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1		12 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	12 000,00		
				Total Carried Forward	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.136

Brought Forward				
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	12 000,00	
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff			
	a) Supervisor	month	Rate only	
	b) Process Controller Grade IV	month	Rate only	
	c) Process Controller Grade III	month	Rate only	
	d) Process Controller Grade II	month	Rate only	
	e) Process Controller Grade I	month	Rate only	
	f) Process Controller Grade 0	month	Rate only	
	g) Shift Assistant/pump attendant	month	Rate only	
	h) General assistant	month	Rate only	
4.7.4	Specialist Blue and Green Drop support	month	12	
4,8	SECONDED STAFF			
4.8.1	Management Cost for Seconded Staff	month	12	
4,9	REPORTING			
	a) Monthly operational detail and summary reports	month	12	
	b) Monthly maintenance detail and summary reports	month	12	
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12	
	d) Monthly staff returns showing total cost to company	month	12	
	e) Monthly expenditure control reports	month	12	
Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
JJ.	INGWAVUMA WASTE WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		25 000,00
4.2.1.1	Office overheads and profit margin	%	25 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		5 400,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	5 400,00		
4.4.3	Material nett cost	Prov Sum	-		2 700,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.138

Brought Forward				
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	2 700,00	
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-	2 700,00
4,5	TREATMENT CHEMICALS			
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov Sum	-	75 350,00
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	75 350,00	
4.5.2.1	Sufloc 3870	kg		
4.5.2.2	Sodium Hypochloride	kg		
4.5.2.3	Chlorine Gas	kg		
4.5.2.4	HTH Tablets	kg		
4.5.2.5	Coastic Soda	l		
4.5.2.6	Sulphuric Acid	l		
4.5.2.7	DPD #1	Box		
4.5.2.8	Amonia	ton		
4.5.2.9	HTH Granular	kg		
4.5.2.10	301 Envirobeads	kg		
4,6	WATER QUALITY MONITORING			
4.6.1	On-site quality monitoring by the operator	month	12	
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1	48 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory-GN 991	Prov. Sum	1	15 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	63 000,00	
4,7	SITE STAFF			
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1	225 920,00
4.7.2	Operators on-cost on 4.7.1	%	225 920,00	
4.7.3	Provisional sum for increases following training and reclassification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1	8 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	8 000,00	
Total Carried Forward				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.139

Brought Forward				
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	8 000,00	
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff			
	a) Supervisor	month	Rate only	
	b) Process Controller Grade IV	month	Rate only	
	c) Process Controller Grade III	month	Rate only	
	d) Process Controller Grade II	month	Rate only	
	e) Process Controller Grade I	month	Rate only	
	f) Process Controller Grade 0	month	Rate only	
	g) Shift Assistant/pump attendant	month	Rate only	
	h) General assistant	month	Rate only	
4.7.4	Specialist Blue and Green Drop support	month	12	
4,8	SECONDED STAFF			
4.8.1	Management Cost for Seconded Staff	month	12	
4,9	REPORTING			
	a) Monthly operational detail and summary reports	month	12	
	b) Monthly maintenance detail and summary reports	month	12	
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12	
	d) Monthly staff returns showing total cost to company	month	12	
	e) Monthly expenditure control reports	month	12	
Total Carried Forward to Summary of Schedules of Rates				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4: WORKS SCHEDULE

Item	Description	Unit	Qty	Rate (R)	Amount (R)
4.	SCHEDULE 4: WORKS SCHEDULE				
KK.	MSELENI WASTE WATER TREATMENT WORKS				
	GENERAL				
4,1	ASSET MANAGEMENT				
4.1.1	Condition Survey [status quo (to be updated annually)]	Year	1		
4.1.2	Asset Inventory	Sum	1		
4.1.3	Update and maintain Operation & Maintenance Manual	Year	1		
4.1.4	Computerised Asset Management system	Year	1		
4.1.5	Monthly reporting and system update	month	12		
4,2	SITE STAFF OVERHEADS				
4.2.1	Training	Prov Sum	-		25 000,00
4.2.1.1	Office overheads and profit margin	%	25 000,00		
4.2.2	Safety Clothing (annual event)	Year	1		
	OPERATION AND MAINTENANCE				
4,3	PLANNED MAINTENANCE (including consumables)				
4.3.1	Grounds and housekeeping	month	12		
4.3.2	Building and Structural	month	12		
4.3.3	Mechanical & Electrical equipment and Instrumentation	month	12		
4.3.4	Pipework & Valves	month	12		
4,4	REPAIR, REFURBISHMENT AND UNPLANNED (nett cost above threshold)				
4.4.1	Repair nett cost	Prov Sum	-		5 400,00
4.4.2	Oncost in Management and supervision by the Operator for refurbishment by other - payment of others by the operator (margin on nett cost excl VAT)	%	5 400,00		
4.4.3	Material nett cost	Prov Sum	-		2 700,00
Total Carried Forward					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Brought Forward				
4.4.4	Oncost on the supply of materials (margin on nett cost of materials excl VAT) 4.4.4 margin will apply where work is performed by the operator. Oncost tendered under 4.4.2 does not apply	%	50 000,00	
4.4.5	Operator Labour & plant according to tendered rates.	Prov. Sum	-	38 400,00
4,5	TREATMENT CHEMICALS			
4.5.1	Procure, supply, delivery and application of treatment chemicals.	Prov. Sum	-	322 000,00
4.5.2	On cost on the estimated annual nett purchase price including delivery	%	322 000,00	
4.5.2.1	Sufloc 3870	kg		
4.5.2.2	Sodium Hypochloride	kg		
4.5.2.3	Chlorine Gas	kg		
4.5.2.4	HTH Tablets	kg		
4.5.2.5	Coastic Soda	l		
4.5.2.6	Sulphuric Acid	l		
4.5.2.7	DPD #1	Box		
4.5.2.8	Amonia	ton		
4.5.2.9	HTH Granular	kg		
4.5.2.10	301 Envirobeads	kg		
4,6	WATER QUALITY MONITORING			
4.6.1	On-site quality monitoring by the operator	month	12	
4.6.2	Monitoring by an independent external laborarory	Prov. Sum	1	72 000,00
4.6.3	Monitoring over and above 4.6.2 for annual monitoring by and independent external laboratory	Prov. Sum	1	18 000,00
4.6.4	Operators on-cost on 4.6.2 and 4.6.3	%	90 000,00	
4.6.5	Monitoring of networks and storage sample points (10 pts) (refer to table 3.2.8.4.3(a))	Sum	1	
4,7	SITE STAFF			
4.7.1	Annual cost for Operational staff to be taken over from the existing Operator	Prov. Sum	1	1 964 040,00
4.7.2	Operators on-cost on 4.7.1	%	1 964 040,00	
4.7.3	Provisional sum for increases following training and reclassiification or for additional site staff over and above the existing transferred and seconded staff to meet with the DWAS plant certification and Blue Drop Green Drop requirements	Prov. Sum	1	100 000,00
4.7.4	Operators on-cost on 4.7.3 for increases/sourcing and appointment of additional site staff	%	100 000,00	
Total Carried Forward				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.142

				Brought Forward	
4.7.5	Operators on-cost on 4.7.3 for overheads and margin	%	8 000,00		
4.7.3	Provision for additional site staff over-and-above seconded/transferred staff				
	a) Supervisor	month	Rate only		
	b) Process Controller Grade IV	month	Rate only		
	c) Process Controller Grade III	month	Rate only		
	d) Process Controller Grade II	month	Rate only		
	e) Process Controller Grade I	month	Rate only		
	f) Process Controller Grade 0	month	Rate only		
	g) Shift Assistant/pump attendant	month	Rate only		
	h) General assistant	month	Rate only		
4.7.4	Specialist Blue and Green Drop support	month	12		
4,8	SECONDED STAFF				
4.8.1	Management Cost for Secoded Staff	month	12		
4,9	REPORTING				
	a) Monthly operational detail and summary reports	month	12		
	b) Monthly maintenance detail and summary reports	month	12		
	c) Reporting on weekly, monthly and annual quality monitoring and control	month	12		
	d) Monthly staff returns showing total cost to company	month	12		
	e) Monthly expenditure control reports	month	12		
Total Carried Forward to Summary of Schedules of Rates					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.143

SCHEDULE 5: RESOURCE RATES

Item	Description	Unit	Rate per Hour (R)
5.	SCHEDULE 5: RESOURCE RATES		
5,1	LABOUR RATES Resource rates tendered below, will apply in the event of work being performed by the operator on a cost plus basis. The Employer retains the prerogative to outsource any such work, as it may deem fit, considering the specific circumstances in each case. The fixed unit rates below and percentage margins according to the Schedule of Rates shall include all transportation, overhead charges, profit and site supervision.		
5.1.1	Maintenance fitter	hour	
5.1.2	Electrician	hour	
5.1.3	General Foreman	hour	
5.1.4	Carpenter	hour	
5.1.5	Steelfixer	hour	
5.1.6	Concreter	hour	
5.1.7	Bricklayer or plasterer	hour	
5.1.8	Pipelayer	hour	
5.1.9	Plumber	hour	
5.1.10	Welder	hour	
5.1.11	Supervisor (Class V)	hour	
5.1.12	Operator (Class III & IV)	hour	
5.1.13	Operator (Class I & II)	hour	
5.1.14	General Assistant	hour	
5.1.15	Semiskilled Worker	hour	
5.1.16	Watchmen	hour	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.144

Item	Description	Unit	Rate per Hour (R)	
	* The tendered rates will remain firm for a period of 12 months from the commencement date of the contract. * The rates will be adjusted annually according to the Consumer Price Index (CPI) formula (also refer to section C1.2 par 12) * Overtime will apply for Sunday's and Statutory Public Holidays at generally accepted Industry rates"			
Item	Description	Capacity	Unit	Rate per Hour (R)
5,2	PLANT AND EQUIPMENT RATES			
	The unit rates for plant shall include for operators, transport to, on and from the Site of Works, fuels, maintenance and profit. The tenderer shall indicate the capacities of the plant			
5.2.1	Front End Loader	m³	hour	
5.2.2	Water Car/Tanker	l	hour	
5.2.3	Honey Sucker (6000l)	6000l	hour	
5.2.4	Jetting Machine	l/s	hour	
5.2.5	Truck/Lorry	t	hour	
5.2.6	Hydraulic Trench Excavator (4x4 TLB)	m³	hour	
5.2.7	Compressor	l/s	hour	
5.2.8	Water Pump	l/s	hour	
5.2.9	Concrete Mixer	m³	hour	
5.2.10	Concrete Vibrator	kW	hour	
5.2.11	Welding Plant	A	hour	
5.2.12	Excavator	t	hour	
5.2.13	Builder's Crane	t	hour	
5.2.14	Generator	kW	hour	
	* The unit rates shall remain firm for a period of 12 months from the commencement date of the contract * The rates will be adjusted annually according to the Plant and Machinery Cost Index/Formula (also refer to section C1.2 par 12)			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SUMMARY OF SCHEDULES

Item	Description	Amount (R)	
SECTION A: MANAGEMENT COMPONENT			
1.	SCHEDULE 1: FIXED ESTABLISHMENT COST	R	
2.	SCHEDULE 2: VARIABLE-TIME RELATED COST	R	
3.	SCHEDULE 3: MANAGEMENT & GENERAL STAFF	R	
SECTION B: WORKS SCHEDULES			
4. SCHEDULE 4: WORKS SCHEDULE			
4.1	MSELENI WATER TREATMENT WORKS	R	
4.2	MBAZWANA WATER TREATMENT WORKS	R	
4.3	ENKANYEZINI WATER TREATMENT WORKS	R	
4.4	SHEMULA WATER TREATMENT WORKS [OLD AND NEW PLANTS]	R	
4.4.1	SHEMULA/INGWAVUMA BULK WATER SUPPLY LINE BOOSTER PUMP STATIONS (PUMP STATION 01, PUMP STATION 02, PUMP STATION 03 ND PUMP STATION 04)	R	
4.5	MANGUZI WATER TREATMENT WORKS	R	
4.6	MTUBATUBA WATER TREATMENT WORKS	R	
4.7	HLUHLUWE PHASE 1 WATER TREATMENT WORKS	R	
4.7.1	HLUHLUWE PHASE 01 WTW ASSOCIATED BOOSTER PUMP STATIONS [06X BOOSTER PUMP STATIONS]	R	
4.8	HLUHLUWE PHASE 2 WATER TREATMENT WORKS	R	
4.9	HLABISA WATER TREATMENT WORKS	R	
4.10	NKOLOKOTO WATER TREATMENT WORKS	R	
4.10.1	NKOLOKOTO BOOSTER PUMP STATIONS (MAHAYE, NKUMBANENGI, VULAMEHLO & NOMATHIYA)	R	
Total Carried Forward		R	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.146

Brought Forward		R	
4.11	JOZINI OLD WATER TREATMENT WORKS	R	
4.11.1	JOZINI DISTRIBUTION POINT + SECTION 17 BOOSTER PUMP STATION	R	
4.12	JOZINI NEW WATER TREATMENT WORKS	R	
4.13	NONDABUYA WATER TREATMENT WORKS	R	
4.14	MKUZE WATER TREATMENT WORKS	R	
4.14.1	MKUZE/UBOMBO BOOSTER PUMP STATIONS (PUMP STATION 01, PUMP STATION 02 AND PUMP STATION 03)	R	
4.15	MALOBENI WATER TREATMENT WORKS	R	
4.16	INGWAVUMA WATER TREATMENT WORKS	R	
4.17	BLOCK 6 WATER TREATMENT WORKS	R	
4.18	MJINDI WATER TREATMENT WORKS	R	
Total Carried Forward		R	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.147

Brought Forward	R	
4.19 NEW OTHOBOTHINI(JOZINI) WATER TREATMENT WORKS	R	
4.19.1 JOZINI/INGWAVUMA RIDGE PUMP STATIONS (KWANDLANZI, RIGGE 01, RIDGE 02, RIDGE 03 AND RIDGE 04)	R	
4.20 MAKHONYENI WATER TREATMENT WORKS	R	
4.21 MSHUDU WATER TREATMENT WORKS	R	
4.22 GEDLEZA WATER TREATMENT WORKS	R	
4.23 MANGUZI AIRFIELD WATER TREATMENT WORKS	R	
4.24 THENGANE WATER TREATMENT WORKS	R	
4.25 MASHABANE WATER TREATMENT WORKS	R	
4.26 MZINYENI WATER TREATMENT WORKS	R	
4.27 MPEMBENI WATER TREATMENT WORKS	R	
4.28 THONGA WATER TREATMENT WORKS	R	
4.29 MANGUZI WASTE WATER TREATMENT WORKS	R	
4.30 MTUBATUBA WASTE WATER TREATMENT WORKS	R	
4.30.1 MTUBA SEWER BOOSTER PUMP STATIONS (NORDALE, BOXER AND INDLOVU VILLAGE)	R	
4.31 ST LUCIA WASTE WATER TREATMENT WORKS	R	
4.31.1 ST LUCIA SEWER BOOSTER PUMP STATIONS (1,2,3,4,5 &6)	R	
4.32 KWAMSANE WASTE WATER TREATMENT WORKS	R	
4.33 HLUHLUWE WASTE WATER TREATMENT WORKS	R	
Total Carried Forward	R	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.148

Brought Forward	R	
4.34 HLABISA WASTE WATER TREATMENT WORKS	R	
4.35 JOZINI WASTE WATER TREATMENT WORKS	R	
4.36 MKUZE WASTE WATER TREATMENT WORKS	R	
4.36.1 MKUZE SEWER BOOSTER PUMP STATION	R	
4.37 UBOMBO BETHESDA WASTE WATER TREATMENT WORKS	R	
4.38 INGWAVUMA WASTE WATER TREATMENT WORKS	R	
4.39 MSELENI WASTE WATER TREATMENT WORKS	R	
Sub Total A (Year 01)	R	
Minus Summary of Schedule1 of section A	R	
Add Escalation @ 0%	R	
Sub Total B (Year 02)	R	
Add Escalation @ 0%	R	
Sub Total C (Year 03)	R	
Sub-Total D (Year 01 + Year 2 + Year 03)	R	
Add 5% Contingencies	R	
Sub Total E	R	
Add VAT @15%	R	
TOTAL [TAKEN TO FORM OF OFFER]	R	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C3.1 DESCRIPTION OF THE WORKS

C3.1.1
1 Employer’s Objectives

The uMkhanyakude District Municipality (UKDM) is a Water Services Authority (WSA) responsible for managing water supply to over 690 000 human inhabitants within the District’s jurisdictional area DC27 in the KZN far northern region.

The district is situated within the Mfolozi/Pongola Primary Catchment with major surface water sources including: Pongola River Catchment, Mkhuze River Catchment, Lake Sibayi Catchment and Mfolozi River Catchment.

C3.1.1.1 Background

The district has a total of Thirty- Nine (39) treatment facilities (Regional and Standalone Schemes) which are operated and maintained under the UKDM’s Engineering Department..

Eleven (11) of the thirty nine (39) plants are sewage or waste water treatment plants, with five (05) of which servicing health institution. Only one (01) of the eleven (11) WWTW facilities is the conventional system [currently being upgraded] – **Mtubatuba WWTW** and the rest of the systems are ponds systems. Twenty nine (29) of the aforementioned facilities are Water Treatment Works ranging from 0,5MI/Day to 40MI/Day in capacity. Raw water supply sources for these treatment facilities include springs, ground water (boreholes), rivers and dams.

The management strategy developed and adopted to better manage these facilities (municipal infrastructure) vastly spread across the district includes the following:

- The district is sub divided into two (02) regions for operational reasons and effective management of facilities;
- 1st Grouping covers all schemes in the **Southern Region** (Mtubatuba & Big5 Hlabisa LMs)
 - 2nd Grouping covers all schemes in the **Northern Region** (Jozini & UMhlabuyalingana LMs)

C3.1.1.2 Scope of works

The scope of works under this contract includes the Management, Operations & Maintenance of all the thirty nine water and wastewater treatment facilities briefly mentioned in item C3.1.1.1 above and all associated bulk infrastructure (pipe lines, reservoirs etc) attached to these individual schemes.

The service provider to ensure adherence to all mandatory requirements including the provisions of SANS 241 for safe, potable drinking water and Regulation 3630 (compulsory National Standards for process controllers and water services works)

Contractor

Witness 1

Witness 2

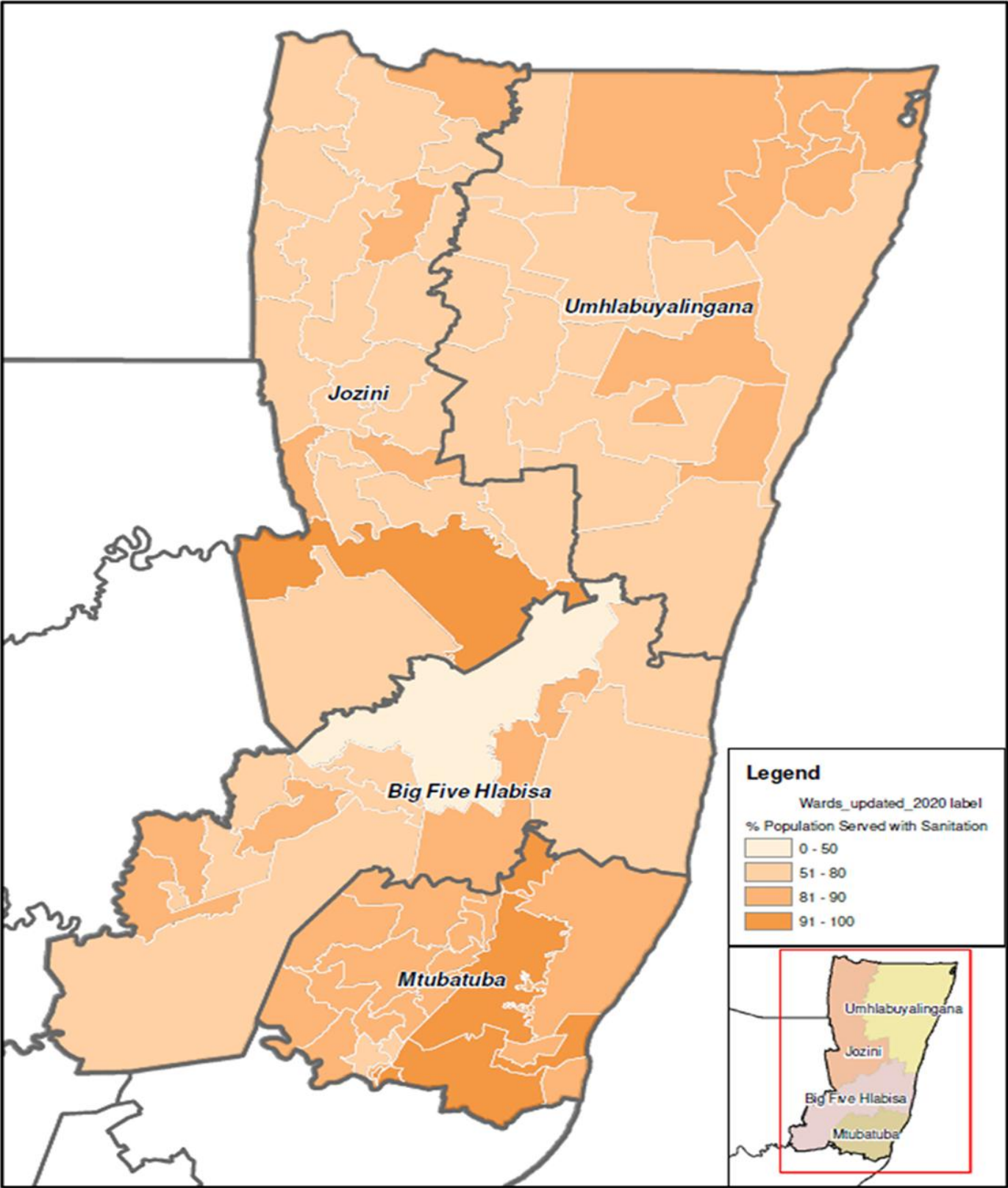
Employer

Witness 1

Witness 2

C4.1 SITE INFORMATION [Geographical Positions of UKDM Infrastructure]

C4.1.1 Maps Of UKDM Sanitation Infrastructure Access Profile



Contractor

Witness 1

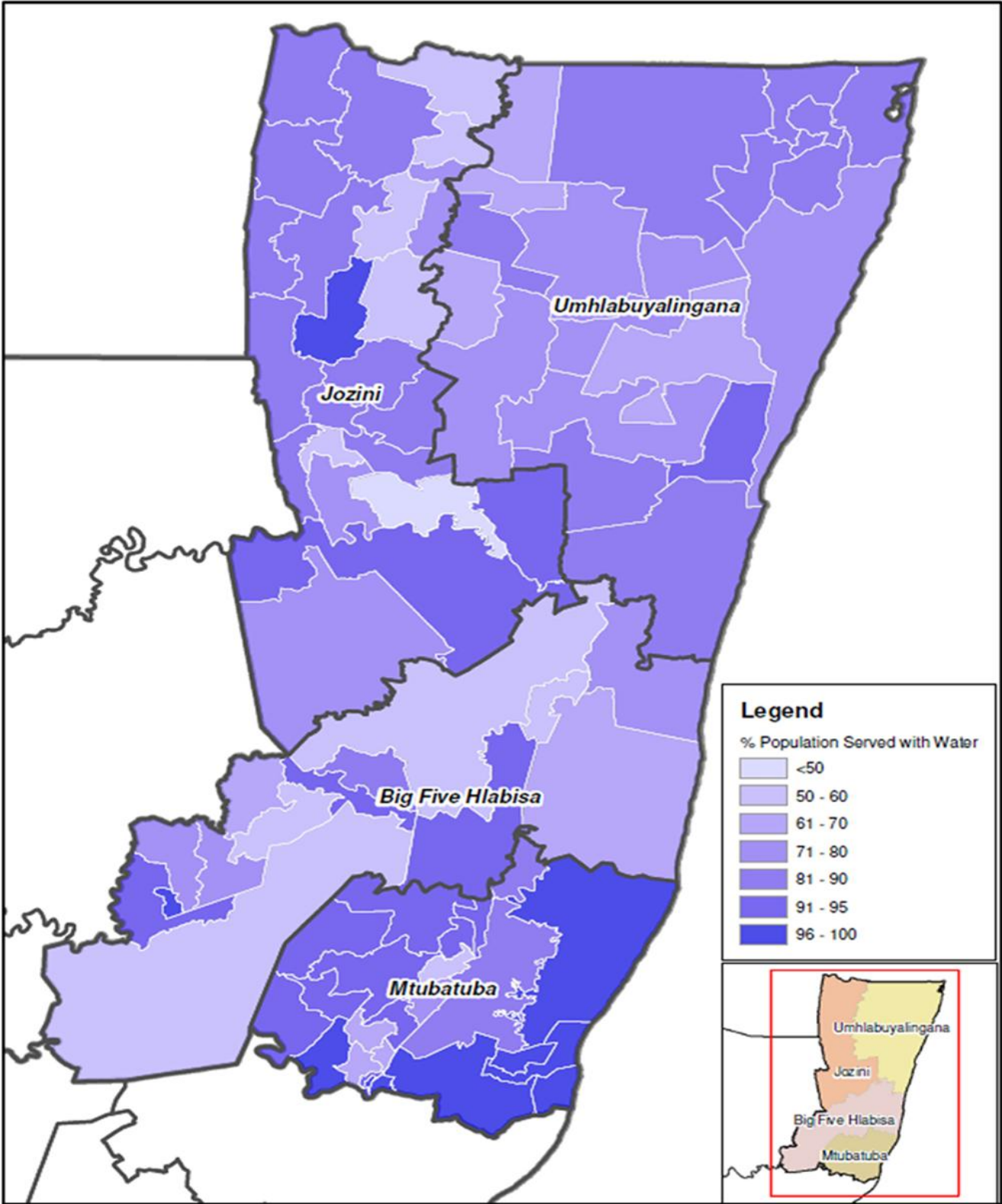
Witness 2

Employer

Witness 1

Witness 2

C4.1.2 Maps Of UKDM Water Infrastructure Access Profile



Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C4.1.3 Geographical Positions of UKDM Infrastructure

Water Supply System		GPS Location	
		Longitude	Latitude
1	Enkanyezini WTW	-26,942985	32,781294
2.	Hlabisa WTW	-28,139705	31,867547
3.	Hluhluwe Phase 1 WTW	-28,120054	32,18944
4.	Hluhluwe Phase 2 WTW	-28,147227	32,267301
5.	Ingwavuma WTW	-27,1253814	32,016031
6.	Jozini (New) WTW	-27,426559	32.077886
7.	Jozini (Old) WTW	-27,423827	32,074356
8.	KwaJobe WTW	-27,491702	32,192746
9.	Makhonyeni WTW	-27,460176	32,119677
10.	Malobeni WTW	-27,491702	32,192745
11.	Manguzi WTW	-26,984414	32,753028
12.	Manguzi Airfield WTW	-27,011665	32,751012
13.	Mashabane WTW	-27,039972	32.274399
14.	Mbazwana WTW	-27,476763	32,597865
15.	Mjindi Central WTW	-27,421904	32,169683
16.	Mkuze WTW	-27,595056	32,018035
17.	Mpembeni WTW	-28,10563	31,962379
18.	Mseleni WTW	-27,32643	32,558122

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C3.1.1.3.3 Geographical Positions of UKDM Infrastructure (continues)

19.	Mshudu WTW	-26,935563	32,719899
20.	Mtubatuba WTW	-28,444232	32,161789
21.	Mzinyeni WTW	-27,209411	32,206307
22.	Nkolokotho WTW	-28,394042	32,037662
23.	Nondabuya WTW	-27,354516	32,191257
24.	Shemula WTW	-27,039912	32.254399
25.	Shemula Old WTW	-27,039912	32.254399
26.	Thengane WTW	-27,020912	32,699377
27.	Thonga Beach WTW	-27,0611665	32,551012

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2