



CONTRACT NO: IDS (W&S) 02/2024

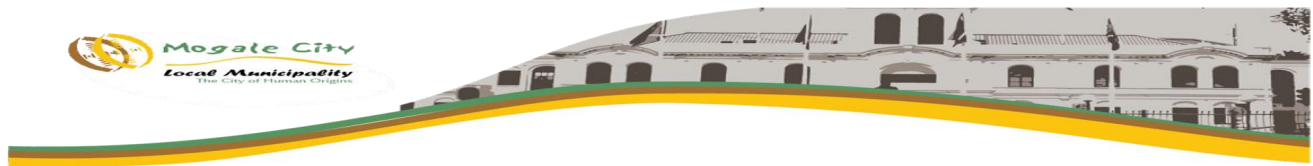
TENDERS ARE HEREBY INVITED FOR THE APPOINTMENT OF SERVICE PROVIDER/S FOR THE SUPPLY AND DELIVERY OF CHEMICALS, GASSES FOR SPECIALISED EQUIPMENT AND MICROBIOLOGICAL MEDIA AT SCIENTIFIC & QUALITY CONTROL SERVICES LABORATORY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF THREE (3) YEARS.

NAME OF TENDERER:	
CENTRAL SUPPLIER DATABASE (CSD)	MAAA
TELEPHONE No:	
TELEFAX No:	
E-MAIL ADDRESS:	
ADDRESS:	

January 2024

Issued by:
Municipal Manager
Mogale City Local Municipality
P O Box 94
KRUGERSDORP
1740

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PART A

INVITATION TO BID

MBD 1

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF MOGALE CITY LOCAL MUNICIPALITY					
BID NUMBER:	IDS (W&S) 02/2024	CLOSING DATE:	01 MARCH 2024	CLOSING TIME:	11:00
DESCRIPTION	TENDERS ARE HEREBY INVITED FOR THE APPOINTMENT OF SERIVE PROVIDER/S FOR THE SUPPLY AND DELIVERY OF CHEMICALS, GASSES FOR SPECIALISED EQUIPMENT AND MICROBIOLOGICAL MEDIA AT SCIENTIFIC & QUALITY CONTROL SERVICES LABORATORY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF THREE (3) YEARS.				
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)

CNR. COMMISSIONER & MARKET STREET				
CIVIC CENTRE				
MOGALE CITY				
KRUGERSDORP				
1740				
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 /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?		<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER PART B:3]
TOTAL NUMBER OF ITEMS OFFERED			TOTAL BID PRICE		
SIGNATURE OF BIDDER		DATE		
CAPACITY UNDER WHICH THIS BID IS SIGNED					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:			TECHNICAL CLARIFICATION QUERIES MAY BE DIRECTED TO:		
DEPARTMENT/ DIVISION	Supply Chain Management				
E-MAIL ADDRESS	SCMEnquiries@mogalecity.gov.za				

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, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.	
2. TAX COMPLIANCE REQUIREMENTS	
2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.	
2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.	
2.3 APPLICATION FOR THE TAX COMPLIANCE STATUS (TCS) CERTIFICATE OR PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA .	
2.4 FOREIGN SUPPLIERS MUST COMPLETE THE PRE-AWARD QUESTIONNAIRE IN PART B:3.	
2.5 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.	
2.6 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.	
2.7 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.	
3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS	
3.1. IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?	<input type="checkbox"/> YES <input type="checkbox"/> NO
3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA?	<input type="checkbox"/> YES <input type="checkbox"/> NO
3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?	<input type="checkbox"/> YES <input type="checkbox"/> NO
3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?	<input type="checkbox"/> YES <input type="checkbox"/> NO
3.5. IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?	<input type="checkbox"/> YES <input type="checkbox"/> NO
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.	

NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE.

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:

DATE:

ADVERTISED IN: The Star
PUBLISHING DATE: Monday, 29 January 2024
TENDER NOTICE: IDS (W&S) 02/2024

MOGALE CITY LOCAL MUNICIPALITY

Tenders are hereby invited for the following Office: Infrastructure Development Services: Section: Water and Sanitation.

TENDER NO: IDS (W&S) 02/2024

TENDERS ARE HEREBY INVITED FOR THE APPOINTMENT OF SERVICE PROVIDER/S FOR THE SUPPLY AND DELIVERY OF CHEMICALS, GASSES FOR SPECIALISED EQUIPMENT AND MICROBIOLOGICAL MEDIA AT SCIENTIFIC & QUALITY CONTROL SERVICES LABORATORY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF THREE (3) YEARS.

No compulsory briefing session will be available.

Adjudication: 80/20

Tenders will be evaluated using Functionality evaluation criteria of **12** points of which the service provider is required to score the minimum of **09** points in order to be considered for further evaluation.

Tenders will be evaluated using the 80/20 preference point system which awards 80 points for Price and 20 points for Specific goals in accordance with the table below:

The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Number of points claimed (80/20 system) (To be completed by the tenderer)
• Price	x	80		
• Local based (within Mogale City Local	x	20		

Municipality Jurisdiction)				
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Documents Collection: Documents can be downloaded from the e-portal at www.etenders.gov.za or www.mogalecity.gov.za.

Technical Enquiries: scmenquiries@mogalecity.gov.za

Documents available: As from **Monday, 29 January 2024** on www.etenders.gov.za or www.mogalecity.gov.za

Closing date: Friday, 01 March 2024

Time: 11:00

Tender Box

Venue: Tender boxes are situated at the reception desk of the Supply Chain Management Unit, situated on the upper level of the West Wing of the Mogale City Civic Centre, Corner Commissioner and Market Streets in Krugersdorp.

A. MANDATORY DOCUMENTS:
(IF NOT PROVIDED THE BID WILL BE INSTANTLY DISQUALIFIED.)

1. The bidding entity must submit Municipal account which is not more than three (3) months / ninety (90) days plus in arrears at the time of the closing date.
2. The director(s) of the bidding entity / Joint Venture / consortium must submit Municipal account which is not more than three (3) months / ninety (90) days plus in arrears at the time of the closing date.
3. The bidding entity must submit a valid signed lease agreement or rental statement which is in the name of the business and or the directors.
Further, the municipal account of the responsible person must be attached.
4. If the Bidding Entity operates from Informal settlement and is not responsible for municipal account / services:
 - 4.1. The bidder must submit Confirmation on Municipality / Metro letterhead signed and stamped from the ward Councilor / delegate with contact details.
5. If the bidding entity operates from parents' place / director's place or any other place and is not responsible for Municipal account / Services.
 - 5.1. The bidder must submit the property owner's Municipal account and Sworn Affidavit of the property owner with the original stamp from the Commissioner of Oaths.
6. If the bidding entity's property and director 's property is new and has not been registered nor received any Municipal account, a Conveyancer's letter must be submitted as confirmation with the date of transfer.
7. Submit Central Supplier Database (CSD) Registration Report or Summary Report.
8. Authority of Signatory must be completed and signed in case of a business not sole proprietor or one-person business or board of director's resolution authorizing signature to sign off the bid documents.
9. Completed and signed the below Municipal Bidding Documents:
 - 9.1. MBD 1: Invitation to tender
 - 9.2. MBD 4. Declaration of Interest.
 - 9.3. MBD 6.1 Preferential Points

- 9.4. MBD 8: Declaration of bidders past supply chain management practices
- 9.5. MBD 9: Certificate of independent bid determination.

B. BIDDING TENDER CONDITIONS:
(NON- COMPLIANCE WITH THE BELOW WILL LEAD TO BIDDER BEING NON-RESPONSIVE).

- 10. All suppliers of good & services are urged to register in the National Treasury web based Central Suppliers Database with Effect from 1 July 2016 @ www.csd.gov.za.
- 11. As per National Treasury Instruction No.4 A of 2016/2017 National Treasury Supplier Database, organs of state must ensure that suppliers awarded business with the State are registered on the CSD prior to award letter/purchase order/signed contract being issued.
- 12. Tenders by joint ventures are to be accompanied by the Document Formation of the joint venture, duly registered and authenticated by a Notary Public or other official deputized to witness sworn statements. This document must define precisely the conditions under which the joint venture will function, the period for which it will function, the persons authorized to represent and obligate it, the address for correspondence, the participation of several firms forming the joint venture and any information necessary to permit a full appraisal of its functioning, including a clause to the effect that the members of the joint venture are jointly and severally bound.
- 13. No electronic signature will be accepted in the bidding document. The bidder's signature must always be signed by hand in black ink.
- 14. No late tender will be accepted.
- 15. Telefax or e-mail tenders will not be accepted.
- 16. All bids must be submitted on the official and original forms and must not be re-typed, copied or scanned. Tenders must only be submitted on the bid documents as provided by Mogale City Local Municipality.
- 17. Tenders must be completed in black ink, hand written and must not be typed.
- 18. The use of tipp-ex is not allowed on the bid documents.
- 19. Bids completed in pencil will be regarded as invalid bids.
- 20. No page(s) must be removed from the original tender document.
- 21. Requirements for sealing, addressing, delivery, opening and assessment of tenders are stated in the tender document;
- 22. In the event of a mistake having been made on the pricing schedule, it shall be crossed out in ink and be accompanied by initials at each and every alteration. The Municipality reserves the right to reject the bid if corrections are not made in accordance with the above.
- 23. The lowest or any tender will not necessarily be accepted, and Mogale City reserves the right to accept a tender in whole or in part.
- 24. The Municipality reserves the right to appoint and not to appoint.
- 25. The validity period for this tender is ninety (90) days.
- 26. A Corporate social responsibility contribution of two (2) percent inclusive of 15%VAT will be levied on all companies/ service providers appointed as successful bidders if such companies are not based in the area of jurisdiction of Mogale City.
- 27. The Municipality reserve the right to negotiate a fair market related price with recommended bidders after a competitive bidding process or price quotations.
- 28. Fees shall be inclusive of VAT for all registered VAT vendors.
- 29. The Municipality may appoint more than one service provider.
- 30. All bid Fees must be in RSA currency and inclusive of VAT.

31. In the instance of a term tender (period longer than one year), please indicate the estimated annual price increase and the intervals of such increases, failure to indicate the escalation will lead to a disqualification.
32. Bids will be opened immediately after the closing date and time in a venue to be indicated.
33. No bids will be accepted from persons in the service of state as it is defined in the Municipal Finance Management Act and Regulations.
34. The supply Chain Management Policy of Mogale City Local Municipality allow persons aggrieved by decisions or actions taken by the municipality in the implementation of its supply chain management system, to lodge within fourteen (14) days of the decision or action a written objection or complaint to the municipality against the decision or action.
35. Tender documents may be downloaded from e-tender portal at www.etenders.gov.za as well as www.mogalecity.gov.za.

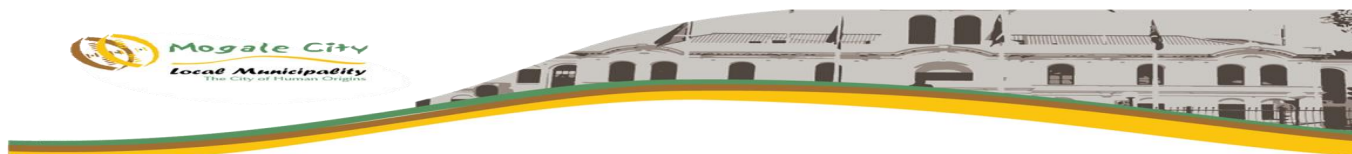
C. ESSENTIAL DOCUMENTS
(THIS WILL NOT RESULT IN A DISQUALIFICATION OF A BIDDER).

36. Tax Clearance Certificate / Tax Compliance Status documents with Pin.

Each company within the Joint Venture / Consortium must submit Tax Clearance Certificate or a copy of Tax Compliance Status document with Pin.

37. Copies of director's ID not older than three (3) months, not a copy of a certified copy.
38. Bids must be submitted in original and an electronic copy in PDF format submitted on a USB drive.
39. Completed and signed the Declaration of Municipal Account.

OFFICE OF THE MUNICIPAL MANAGER



DECLARATION OF BIDDER/S MUNICIPAL ACCOUNT(S)

NAME OF BIDDING ENTITY.....

Declaration in terms of paragraph 38(1)(d)(i) of the Supply Chain Management Policy of the MCLM irrespective of the contract value of the bid:

NB: Please not that this declaration must be completed and signed by all bidders

- (i) I, the undersigned hereby declare that the signatory to this tender document; is duly authorised and further declare:
- (ii) That the bidding entity as well as all its directors /shareholders must submit Municipal account which is not more than three (3) months in arrears or valid lease agreement which is in the name of the business and or the directors, which must stipulate who is responsible for payment of municipal services.
- (iii) That the copy of the lease agreement/municipal account in the name of the bidding entity and Lessee will only be accepted if water and lights are part of lease payment.
- (iv) I acknowledge that should it be found that any Municipal Rates and Taxes or Municipal charges as set out in (ii) above are in arrears for more than three (3) months, the bid will be rejected and MCLM may take such remedial action as is required, including the rejection of the bid and/or termination of the contract. (Unless if the bidder has attached proof of the payment arrangement of the arrears to the bid document as at the closing date of the submission of bids)
- (v) The following account/s of the bidding entity has reference:

Municipality

Account number

.....

.....

.....

.....

(NB: if insufficient space above, please submit on a separate page)

- (vi) If the Bidding Entity operates from home/ family place / director's place or any other place and is not responsible for Municipal account, the bidder must sign **Declaration of Municipal Account**.

	Yes	No
➤ Bidding entity who operates from informal settlement		
NB: if yes, the Bidding Entity operates from informal settlement and is not responsible for Municipal account/services;		
• The bidder must submit confirmation on Municipality/Metro letterhead signed and stamped from the ward councilor/delegate.		
➤ Bidding entity who operates from a property owned by a director / member / partner		
Bidding entity who operates from somebody else's property (non-Rental paying)		
N.B: If yes, attach confirmation affidavit of the property owner confirming who is responsible for payment of water and lights.		
➤ Bidding entity who rent premises from a landlord		
N.B: Attach valid lease agreement which stipulate who is responsible for payment of Municipal services or Rental statement		
Other (Please specify)		

Signed at this day20.....

Name of Duly Authorised Signatory (Please print)

.....

Authorised Signature:

As witness: 1

2

- (vii) If the Bidding Entity operates from home/ family place and is not responsible for municipal account, the bidder must submit Sworn Affidavit. **(Applicable to Joint Venture / Consortium only)**

	Yes	No
➤ Bidding entity who operates from informal settlement		
NB: if yes, the Bidding Entity operates from informal settlement and is not responsible for Municipal account/services.		
• the bidder must submit confirmation on Municipality/Metro letterhead signed and stamped from the ward councilor/delegate.		
➤ Bidding entity who operates from a property owned by a director / member / partner		
1.		
2.		
➤ Bidding entity who operates from somebody else's property (non-Rental paying) N.B: If yes, attach confirmation affidavit of the property owner confirming who is responsible for payment of water and lights.		
➤ Bidding entity who rent premises from a landlord N.B: Attach lease agreement which stipulate who is responsible for payment of Municipal services.		
Other (Please specify)		

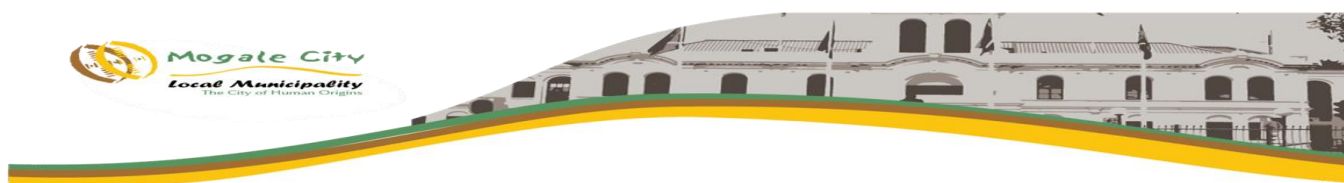
Signed at this day 20.....

Name of Duly Authorised Signatory (Please print)

Authorised Signature:

As witness: 1

2



T2.2.4 MCLM 2% CORPORATE SOCIAL RESPONSIBILITY

Mogale City Corporate Social Responsibility

In terms of Mogale City Corporate Responsibility, non-Mogale City based Services Providers will contribute two (2) percent of the Contract value to Mogale City.

Please provide your registered address:

.....

.....

.....

Please indicate if you are a Mogale based:

YES	NO
-----	----

If not Mogale City based, a person duly authorized by the tenderer must complete and sign the declaration herewith in detail.

Declaration by Tenderer

I, the undersigned hereby declare and confirm that we accept the contribution towards the Mogale City Corporate Social Responsibility, by the deduction of two percent (2%) on all payment made.

Signed

Date

Name

Position

Tenderer



MBD 4

DECLARATION OF INTEREST

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

3.1 Full Name of bidder or his or her representative:.....

3.2 Identity Number:

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

3.4 Company Registration Number:

3.5 Tax Reference Number:.....

3.6 VAT Registration Number:

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

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

3.8.1 If yes, furnish particulars.

.....
.....

¹MSCM Regulations: "in the service of the state" means to be –

- (a) a member of –
 - (i) any municipal council;
 - (ii) any provincial legislature; or
 - (iii) the national Assembly or the national Council of provinces;
- (b) a member of the board of directors of any municipal entity;
- (c) an official of any municipality or municipal entity;
- (d) an employee of any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999

(Act No.1 of 1999);

(e) a member of the accounting authority of any national or provincial public entity; or

(f) an employee of Parliament or a provincial legislature.

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

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

3.9.1 If yes, furnish particulars.....

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

3.10.1 If yes, furnish particulars.

.....
.....

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

3.11.1 If yes, furnish particulars

.....
.....

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

3.12.1 If yes, furnish particulars.

.....
.....

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

3.13.1 If yes, furnish particulars.

.....
.....

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

3.14.1 If yes, furnish particulars:

.....
.....

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

Full Name	Identity Number	State Employee Number

.....
Signature

.....
Date

.....
Capacity

.....
Name of Bidder

MOGALE CITY LOCAL MUNICIPALITY

MBD 6.1

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

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

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

1. GENERAL CONDITIONS

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

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

1.2 The applicable preference point system for this tender is the 80/20 preference point system.

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

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

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

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

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

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

2. DEFINITIONS

- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).
- (f) **“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;
- (g) **“consortium or joint venture”** means an association of person for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract;
- (h) **“contact”** means the agreement that results from the acceptance of a bid by an organ of state;
- (i) **“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, the execution of the contract;
- (j) **“functionality”** means the measurement according to predetermined norms, as set out in the bid documents, of a service or commodity that is designed to be practical and useful, working or operating, taking into account, among other factors, the quality, reliability, viability and durability of a service and the technical capacity and ability of a bidder;
- (k) **“non-firm prices”** means all prices other than “firm” prices;
- (l) **“person”** includes a juristic person;
- (m) **“rand value”** means the total estimated value of a contract in South African currency, calculated at the time of the bid invitations, and includes all applicable taxes and excise duties;
- (n) **“Specific goals”** means specific goals as contemplated in section 2(1)(d) of the Act which may include contracting with persons, or categories of persons, historically disadvantaged by unfair discrimination on the basis of race, gender and disability including the implementation of programmes of the Reconstruction and Development Programmes as published in Government Gazette No.16085 dated 23 November 1994.
- (o) **“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;
- (p) **“total revenue”** bears the same meaning assigned to this expression in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9 (1) of the Broad-Based Economic Empowerment Act and promulgated in the Government Gazzette on 9 February 2007;
- (q) **“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.

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

POINTS AWARDED FOR PRICE

THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

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

80/20

or

90/10

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

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

4 POINTS AWARDED FOR SPECIFIC GOALS

4.1 In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:

4.2 In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—

(a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or

(b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,

then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

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

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

The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Price	x	80		
Local based (within Mogale City Local Municipality Jurisdiction)	x	20		

5. DECLARATION WITH REGARD TO COMPANY/FIRM

- 5.1. Name of company/firm:.....
- 5.2. VAT registration number:.....
- 5.3. Company registration number:.....
- 5.4. TYPE OF COMPANY/ FIRM
- ☐ Partnership/Joint Venture / Consortium
 - ☐ One person business/sole propriety
 - ☐ Close corporation
 - ☐ Company
 - ☐ (Pty) Limited
- [TICK APPLICABLE BOX]

6. DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

.....

.....

7. COMPANY CLASSIFICATION

- ☐ Manufacturer
 - ☐ Supplier
 - ☐ Professional service provider
 - ☐ Other service providers, e.g. transporter, etc.
- [TICK APPLICABLE BOX]

8. MUNICIPAL INFORMATION**Municipality where business is situated:****Registered Account Number:****Stand Number:**.....**9. Total number of years the company/firm has been in business:**.....**10. Previous experience**

Provide the following information on relevant previous experience (indicate specifically projects of similar or larger size and/or which is similar with regard to type of work).

Description	Value (R, VAT excluded)	Year(s) executed	Reference		
			Name	Organization	Tel no

10.1 Staffing Profile

Provide information on key staff you intend utilizing on this contract, should it be awarded to you.

Name	Position in your organization	Qualifications	Experience

10.2 Infrastructure and resources available to execute this contract

10.2.1 Physical facilities

Description	Address	Area (m ²)

10.3 Plant and equipment

Description : Plant and equipment owned (or to be rented)	Number of units

10.4 List of shareholders by Name, Position, Identity number, Citizenship, HDI status and ownership as relevant.

Name	Date/Position Occupied in Enterprise	ID Number (please attach certified copies of ID's	Date RSA Citizenship obtained	HDI	Women	Disabled	Youth (person not older than 35 years of age)	% of business/ enterprise owned
							Total	100%

10.5. List of shareholders by Name, percentage (%) of business/enterprise owned, residential address.

Full Name	Identity (ID) Number (please attached certified copies of ID's)	% of business/ enterprise owned	Residential address

10.6. AUTHORITY FOR SIGNATORY

Please note that the sole proprietors or “one person business” are not required to submit an official and duly signed authority of signatory.

Signatories for close corporations and companies shall confirm their authority by signing on behalf of the company/firm **by attaching to this page** a duly signed and dated copy of the relevant resolution of their members or their board of directors, as the case may be.

An example for a company is shown below:

Printed on company letterhead:

“ By resolution of the board of directors passed on _____20_____

Mr _____

has been duly authorized to sign all documents in connection with the bid for

Tender _____ No _____

and any Contract, which may arise there from on behalf of

SIGNED ON BEHALF OF THE COMPANY _____

IN HIS CAPACITY AS _____ CAPACITY AS _____

DATE: _____

SIGNATURE OF SIGNATORY: _____

AS WITNESSES: 1 _____

2 _____

10.7 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 Goals indicated in paragraph 7 of the foregoing certificate, 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 has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
 - (a) disqualify the person from the bidding process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) 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

.....
SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME:

DATE:

ADDRESS:

.....

.....

MOGALE CITY LOCAL MUNICIPALITY

DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

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

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

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

CERTIFICATION

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

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder



MBD 9

CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

IDS (W&S) 02/2024: TENDERS ARE HEREBY INVITED FOR THE APPOINTMENT OF SERVICE PROVIDER/S FOR THE SUPPLY AND DELIVERY OF CHEMICALS, GASES FOR SPECIALISED EQUIPMENT AND MICROBIOLOGICAL MEDIA AT SCIENTIFIC & QUALITY CONTROL SERVICES LABORATORY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF THREE (3) YEARS.

(Bid Number and Description)

in response to the invitation for the bid made by: **MOGALE CITY LOCAL MUNICIPALITY**

(Name of Municipality / Municipal Entity)

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

I certify, on behalf of: _____ that:

(Name of Bidder)

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

6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium³ will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - (a) prices;
 - (b) geographical area where product or service will be rendered (market allocation)
 - (c) methods, factors or formulas used to calculate prices;
 - (d) the intention or decision to submit or not to submit, a bid;
 - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
 - (f) bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

³ Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

GENERAL CONDITIONS OF CONTRACT

THE NATIONAL TREASURY

Republic of South Africa



**GOVERNMENT PROCUREMENT
GENERAL CONDITIONS OF CONTRACT
JULY 2010**

NATIONAL TREASURY: Republic of South Africa

**GOVERNMENT PROCUREMENT:
GENERAL CONDITIONS OF CONTRACT**

July 2010

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GOVERNMENT PROCUREMENT: GENERAL CONDITIONS OF CONTRACT
THE NATIONAL TREASURY: Republic of South Africa 3

General Conditions of Contract

- 1. Definitions** 1. 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 of 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 consignees 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 goods are so delivered and a valid receipt is obtained.
 - 1.11 "Dumping" occurs when a private enterprise abroad market its goods on own initiative in the RSA at lower prices than that of the country of origin and which have the potential to harm the local industries in the RSA.

**GOVERNMENT PROCUREMENT: GENERAL CONDITIONS OF CONTRACT THE
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- 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 is 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 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 goods 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.
- 1.20 "Project site," where applicable, means the place indicated in 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

GOVERNMENT PROCUREMENT: GENERAL CONDITIONS OF CONTRACT THE NATIONAL TREASURY: Republic of South Africa 5

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 in 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 hand-written 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 (excluding professional services related to the building and construction industry), 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 goods, 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 nonrefundable fee for documents may be charged.

3.2 Invitations to bid are usually published in locally distributed news media and on the municipality/municipal entity 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.

GOVERNMENT PROCUREMENT: GENERAL CONDITIONS OF CONTRACT
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extend only so 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.

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 When a supplier developed documentation / projects for the municipality / municipal entity, the intellectual, copy and patent rights or ownership of such documents or projects will 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 of the amount specified in 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.

**GOVERNMENT PROCUREMENT: GENERAL CONDITIONS OF CONTRACT THE
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8. Inspections, tests and analyses

8.1 All pre-bidding testing will be for the account of the bidder.

8.2 If it is a bid condition that goods to be produced or services to be rendered should at any stage be subject to inspections, tests and analyses, the bidder or contractor's premises shall be open, at all reasonable hours, for inspection by a representative of the purchaser or 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 Goods and services which are referred to in clauses 8.2 and 8.3 and 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 analysed 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 suppliers 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.

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 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 and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing, case size

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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, if any, and in any subsequent Instructions ordered by the purchaser.

10. Delivery and documents

10.1 Delivery of the goods and arrangements for shipping and clearance obligations, shall be made by the supplier in accordance with the terms 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 or 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:

**GOVERNMENT PROCUREMENT: GENERAL CONDITIONS OF CONTRACT THE
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- (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
 - (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.

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 costs 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 specified.

16.2 The supplier shall furnish the purchaser with an invoice accompanied by a copy of the delivery note and upon fulfillment of other obligations stipulated in the contract.

GOVERNMENT PROCUREMENT: GENERAL CONDITIONS OF CONTRACT
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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 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 such. 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

19.1 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

20.1 The supplier shall notify the purchaser in writing of all subcontracts awarded under this contracts 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 fact 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 his 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 contract.

21.3 The right is reserved to procure outside of the contract small quantities or to have minor essential services executed if an emergency arises, the supplier's point of supply is not situated at or near the place where the goods are required, or 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 22.2 without the application of penalties.

21.5 Upon any delay beyond the delivery period in the case of a goods contract, the purchaser shall, without cancelling the contract, be entitled to purchase goods 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 his other rights, be entitled to claim damages from the supplier.

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22. Penalties

22.1 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 judgement of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.

23.2 In the event 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 10 years.

23.4 If a purchaser intends imposing a restriction on a supplier or any person associated with the supplier, the supplier will be allowed a time 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:

- (i) the name and address of the supplier and / or person restricted by the purchaser;
- (ii) the date of commencement of the restriction
- (iii) the period of restriction; and
- (iv) the reasons for the restriction.

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

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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. When 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 not less than five years and not more than 10 years. The National Treasury is empowered to determine the period of restriction and each case will be dealt with on its own merits. According to section 32 of the Act the Register must be open to the public. The Register can be perused on the National Treasury website.

24. Antidumping and countervailing duties and rights

24.1 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 is not liable for any amount so required or imposed, or for the amount of any such increase .When, after the said date, such a provisional payment is no longer required or any such anti-dumping or countervailing right is abolished, or where the amount of such provisional payment or any such right is reduced, any such favorable difference shall on demand be paid forthwith by the supplier to the purchaser or the purchaser may deduct such amounts from moneys (if any) which may otherwise be due to the supplier in regard to goods or services which he delivered or rendered, or is to deliver or render in terms of the contract or any other contract or any other amount which may be due to him.

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 his delay in performance or other failure to perform his 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 for performance not prevented by the force majeure event.

26. Termination for insolvency

26.1 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 this event, termination will be without compensation to the supplier, provided that such termination will 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 amicably such dispute or difference by mutual consultation.

27.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the purchaser or the supplier may give notice to the other party of his intention to commence with mediation. No mediation in respect of this matter may be commenced unless such notice is given to the other party.

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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 the supplier for goods delivered and / or services rendered according to the prescripts of the contract.

28. Limitation of Liability

28.1 Except in cases of criminal negligence or willful 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

29.1 The contract shall be written in English. All correspondence and other documents pertaining to the contract that is exchanged by the parties shall also be written in English.

30. Applicable law

30.1 The contract shall be interpreted in accordance with South African laws, 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 him shall be posted by ordinary mail to the address furnished in his bid or to the address notified later by him in writing and 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 such 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, license fees, and other such levies imposed outside the purchaser's country.

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32.2 A local supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted goods to the purchaser.

32.3 No contract shall be concluded with any bidder whose tax matters are not in order. Prior to the award of a bid 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 services charges are in arrears.

33. Transfer of contracts

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

34. Amendment of contracts

34.1 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 shall be in writing, shall also 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 **restrictive practices** 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 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 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 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

11. TENDERS TO BE EVALUATED ON FUNCTIONALITY

- (1) An organ of state must state in the tender documents if the tender will be evaluated on functionality.
- (2) The evaluation criteria for measuring functionality must be objective.
- (3) The tender documents must specify-
 - (a) the evaluation criteria for measuring functionality;
 - (b) the points for each criteria and, if any, each sub-criterion; and
 - (c) the minimum qualifying score for functionality.
- (4) The minimum qualifying score for functionality for a tender to be considered further-
 - (a) must be determined separately for each tender; and
 - (b) may not be so-
 - (i) low that it may jeopardise the quality of the required goods or services; or
 - (ii) high that it is unreasonably restrictive.
- (5) Points scored for functionality must be rounded off to the nearest two decimal places.
- (6) A tender that fails to obtain the minimum qualifying score for functionality as indicated in the tender documents is not an acceptable tender.
- (7) Each tender that obtained the minimum qualifying score for functionality must be evaluated further in terms of price and the preference point system and any objective criteria envisaged in regulation 11.

TERMS OF REFERENCE

TENDER: IDS (W&S) 02/2024

PROJECT SPECIFICATIONS FOR THE SUPPLY AND DELIVERY OF CHEMICALS, CONSUMABLES, GASSES FOR SPECIALIZED EQUIPMENT AND MICROBIOLOGICAL MEDIA AT THE SCIENTIFIC & QUALITY CONTROL SERVICES LABORATORY ON AN AS AND WHEN-REQUIRED BASIS FOR A PERIOD OF THREE (3) YEARS.

1. BACKGROUND

Tenders are hereby invited from prospective service provider/s for the supply and delivery of chemicals, consumables, gasses for specialized equipment and microbiological media at the Scientific & Quality Control Services Laboratory on an as and when required basis for a period of three (3) years.

Drinking water and wastewater quality compliance monitoring legislation is enforcing more frequent water quality analyses to ensure that good water quality is supplied to the community as well as to comply with environmental legislations, including Blue and Green Drop Certification).

Due to increased demand for water/wastewater quality analyses laboratory consumables and chemicals needs to be purchased on an as and when required basis.

Compliance to ISO 9001:2015 (Quality Management Systems) will be a prerequisite when evaluating this tender.

2. SCOPE OF WORK

The service provider is required to supply and deliver laboratory chemicals, consumables, gasses for specialized equipment and microbiological media listed in the pricing schedule.

Chemicals, consumables, gasses for specialized equipment and microbiological media listed will be required on an as and when required basis for a period of three (3) years.

3. DELIVERY ADDRESS FOR THE SUPPLY AND DELIVERY OF CHEMICALS, CONSUMABLES, GASSES FOR SPECILIAZED QUIPMENT AND MICROBIOLOGICAL MEDIA AT THE SCIETIFIC & QUALIFTY CONTROL SERVICES LABORATORY.

Chemicals, consumables, gasses for specialized equipment and microbiological media to be delivered at the Scientific & Quality Control Services Laboratory directly due to the following reasons:

- Gas cylinders should be kept in a specific lockable chained gas cage and also be safely transported;
 - Unstable temperatures affect the chemicals, thus chemicals need to be kept at constant temperatures at all times;
 - Some of the chemicals as per Material Safety Data Sheet (MSDS) need to be stored in a fridge (-4 to -10°C); and
 - Flammable substances are highly reactive, therefore upon receipt the flammable substances need to be kept in a flammable cabinet, as per MSDS.
- Flip Human Wastewater Treatment Works (see location on Google Maps), Scientific & Quality Control Services Laboratory, R41 Randfontein / Azaadville.
- Delivery hours: 8:00 to 15:30 weekdays.
 - Delivery period after receipt of official order shall be as follows:

	Service provider's Signature
Delivery period after the official order shall be maximum of thirty (30) working days for products manufactured locally. Part deliveries will be accepted with proper documentation proof.	
Delivery period after the official order shall be maximum of sixty (60) working days if products are manufactured internationally. Part deliveries will be accepted with proper documentation proof.	

4. SPECIFICATIONS

SUPPLY AND DELIVERY OF CHEMICALS, CONSUMABLES, GASSES FOR SPECIALIZED EQUIPMENT AND MICROBIOLOGICAL MEDIA AT THE SCIENTIFIC & QUALITY CONTROL SERVICES LABORATORY ON AN AS AND WHEN-REQUIRED BASIS FOR A PERIOD OF THREE (3) YEARS

SECTION A: DISCRETE PHOTOMETRIC ANALYSER REAGENT / STANDARDS

Item	Discrete Photometric Analyser Reagent / Standard	Specifications	Unit	Certificate of Analyses and traceable to NIST / Calibration	Frequent use of chemicals D = Daily W = Weekly M = Monthly 6M = 6 Monthly	Product name of chemical/consumable/ microbiological media/gasses
A1	Cuvettes for discrete photometric analyser	Decacell cuvettes	540 pcs = 5400 cells	no	M	
A2	NH4-1 (AMM R1L)	Reagent for Ammonia Analyses, 984362 NH4-1 (AMM R1L) 125 ml	125 ml	yes	D	
A3	NH4-2 4 x 20 ml	Reagent for Ammonia Analyses, 984363 NH4-2 4 x 20 ml	20 ml	yes	D	
A4	Ammonium Std	Standard for Calibration, ICC101-5 Ammonium Std	500 ml	yes	D	
A5	Sulphate reagent	984649 S04 Reagent 6 x 60mL for sulphate calibration	60 ml	yes	D	
A6	ICC-006-5 Sulphate Std 1000ug/mL	ICC-006-5 Sulphate Std 1000ug/ml 500 ml for calibration	500 ml	yes	D	
A7	984365 Chloride R1 20 x20 ml	984365 Chloride R1 20 x 20 ml for chloride calibration	20 ml	yes	D	
A8	ICC-002- 05 Chloride Std 1000ug/ml	ICC-002-05 Chloride Std 1000ug/ml for chloride calibration	500 ml	yes	D	
A9	984350 TON V1- Saline/high chloride applications)	984350 TON V1- Saline/high chloride applications) for nitrates calibration	20 ml	yes	D	
A10	984351 TON V2 – Saline/high chloride	984351 TON V2 - Saline/high chloride applications) for nitrate calibration	20 ml	yes	D	

A11	ICC-004a- 5 Nitrate SRD 1000 ug/ml	ICC-004a-5 Nitrate SRD 1000 ug/ml for nitrates calibration	500 ml	yes	D	
A12	984371 TON 3 Reagent 4 x 20mL	984371 TON 3 Reagent 4 x 20mL for nitrite calibration	20 ml	yes	D	
A13	ICC-007a-5 Nitrite 1000 mg/l	ICC-007a-5 Nitrite 1000 mg/l for nitrite calibration	500 ml	yes	D	
A14	FT65 TKN(post digest) Digestion Soln-HgSO ₄ 1L	(post digest) Digestion Soln-HgSO ₄ 1L	1 L	yes	D	
A15	FT16 Alkalinity standard 1000 mg/l	Alkalinity 1000 mg/l	500 ml	yes	D	
A16	Alkalinity R1	Reagent for Alkalinity Analyses, 984623 4 x 20 ml	20 ml	yes	D	
A17	Alkalinity R2	Reagent for Alkalinity Analyses, 984624 4 x 10 ml	10 ml	yes	D	
A18	FT41 Bromide R1	Reagent for Bromide analyses	1 L	yes	D	
A19	FT42 Bromide R2	Reagent for Bromide analyses	100 ml	yes	D	
A20	FT43 Bromide R3	Reagent for Bromide analyses	100 ml	yes	D	
A21	ICC-001 Bromide	Bromide 1000 µg/ml	125 ml	yes	D	
A22	1000 mg/l Fluoride standard	1000 mg/l standard for Fluoride calibration	500 ml	yes	D	
A23	Fluoride R1	Reagent for Fluoride analyses, 984629 4 x 20 ml	20 ml	yes	D	
A24	Fluoride R2	Reagent for Fluoride analyses, 984630 4 x 20 ml	20 ml	yes	D	
A25	Fluoride R3	Reagent for Fluoride analyses, 984631 4 x 20 ml	20 ml	yes	D	
A26	Chloromine	Reagent for Cyanide analyses	100 ml	yes	D	
A27	Phosphate R1	Reagent for Phosphate analyses, 984366 4 x 20 ml	20 ml	yes	D	
A28	Phosphate R2	Reagent for Phosphate analyses, 984368 4 x 20 ml	20 ml	yes	D	

A29	FT22 Phenol 1000 mg/l	1000 mg/l standard for Phenol calibration	500 ml	yes	D	
A30	FT20 Phenol R1	Reagent for Cyanide analyses 4-aminoantipyrine	100 ml	yes	D	
A31	FT21 Phenol R2	Reagent for Cyanide analyses buffered potassium	100 ml	yes	D	
A32	ICP-014A Silica 1000 µg/mL standard	1000 µg/mL standard for Silica calibration	125 ml	yes	D	
A33	Silica R1	Reagent for Silica analyses, 984525 4 x 20 ml	20 ml	yes	D	
A34	Silica R2	Reagent for Silica analyses, 984526 4 x 20 ml	20 ml	yes	D	
A35	Silica R3	Reagent for Silica analyses, 984527 4 x 20 ml	20 ml	yes	D	
A36	TF47 Diethylphenylenediamine	Reagent for Sulphide analyses	100 ml	yes	D	
A37	TF48 Diethylphenylenediamine	Reagent for Sulphide analyses	100 ml	yes	D	
A38	FT46 Cyanide 1000 mg/l standard	1000 mg/l standard for Cyanide calibration,	500 ml	yes	D	
A39	Free Cyanide 1000 µg/mL standard	1000 µg/mL standard for Free Cyanide calibration, ICC-008	125 ml	yes	D	
A40	Complex Cyanide 1000 µg/mL standard	1000 µg/mL standard for Cyanide calibration, ICC-009	100 ml	yes	D	
A41	FT45 Pyridine-Barbituric Acid	Reagent for Cyanide analyses	500 ml	yes	D	
A42	FT28 Phosphates buffer	Reagent for Cyanide analyses	1L	yes	D	
A43	4 ml sample cup	Polystyrene cup for autoanalyzer	4 ml	yes	D	
	TOTAL OF SECTION A					

Note 1: Bidder should quote on at least 26 of the 43 (60%) of the discrete photometric analyser reagent / standard to be eligible for consideration of this bid.

SECTION B: ICP CHEMICAL LIQUIDS / CONSUMABLES

Item	ICP Chemical Liquids / Consumables	Specifications	Unit	Certificate of Analyses and traceable to NIST/ Calibration	Frequent use of chemicals D = Daily W = Weekly M = Monthly 6M = 6 Monthly	Product name of chemical/ consumable/ microbiological media/gasses
B1	Aluminium Solution 1000 ppm	Aluminium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	
B2	Antimony Solution 1000 ppm	Antimony Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	
B3	Arsenic Solution 1000 ppm	Arsenic Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	
B4	Barium Solution 1000 ppm	Barium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	
B5	Beryllium Solution 1000 ppm	Beryllium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	
B6	Boron Solution 1000 ppm	Boron Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	
B7	Cadmium Solution 1000 ppm	Cadmium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	
B8	Calcium Solution 1000 ppm	Calcium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	

B9	Chromium Solution 1000 ppm	Chromium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	
B10	Cobalt Solution 1000 ppm	Cobalt Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	
B11	Copper Solution 1000 ppm	Copper Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	
B12	Iron Solution 1000 ppm	Iron Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	
B13	Lead Solution 1000 ppm	Lead Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	
B14	Magnesium Solution 1000 ppm	Magnesium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	
B15	Manganese Solution 1000 ppm	Manganese Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	
B16	Mercury Solution 1000 ppm	Mercury Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	
B17	Molybdenum Solution 1000 ppm	Molybdenum Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	
B18	Nickel Solution 1000 ppm	Nickel Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	

B19	Potassium Solution 1000 ppm	Potassium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	
B20	Selenium Solution 1000 ppm	Selenium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	
B21	Silicon Solution 1000 ppm	Silicon Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	
B22	Sodium Solution 1000 ppm	Sodium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	
B23	Strontium Solution 1000 ppm	Strontium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	
B24	Uranium Solution 1000 ppm	Uranium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	
B25	Vanadium Solution 1000 ppm	Vanadium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	
B26	Zinc Solution 1000 ppm	Zinc Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W	
B27	Ca, Mg, K, Na 1000 mg/l multi-element ICP standard	Ca, Mg, K, Na 1000 mg/l multi-element standard for use on ICP	500 ml	yes	W	
B28	Ag, Al, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, In, K, Mg, Mn, Na, Ni, Pb, Sr, Ti, Zn multi-element ICP Standard	Ag, Al, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, In, K, Mg, Mn, Na, Ni, Pb, Sr, Ti, Zn multi-element standard for use on ICP	500 ml	yes	W	

B29	Atomic Absorption hollow cathode lamp – multi-element	SpectrAA lamp, hollow cathode lamp for atomic absorption spectrometers (Co/Cr/Cu/Fe/Mn/Ni)	1 lamp	N/A	M	
B30	Atomic Absorption hollow cathode lamp – Ca/Mg	SpectrAA lamp, hollow cathode lamp for atomic absorption spectrometers (Ca/K)	1 lamp	N/A	M	
B31	Atomic Absorption hollow cathode lamp – Na/K	SpectrAA lamp, hollow cathode lamp for atomic absorption spectrometers (Na/K)	1 lamp	N/A	M	
B32	White/White pump tubing	White/White pump tubing: 3710034400	12/pack		M	
B33	Blue/Blue pump tubing	Blue/Blue pump tubing: 3710034600	12/pack		M	
B34	Seaspray Concentric Nebulizer	Seaspray Concentric Nebulizer: G8010-60255	1		M	
B35	Unfit Sampler Connector for Nebulizer	Unfit Sampler Connector for Nebulizer: G8010-80035	10		M	
B36	Nebulizer capillary tubing	Nebulizer capillary tubing: 2410020500	Per metre		M	
B37	PFA tubing for gas supply to nebulizer	PFA tubing for gas supply to nebulizer: 0890-2603	1		M	
B38	Double pass cyclonic spray chamber	Double pass cyclonic spray chamber: G8010-60256	0.5 m		M	

B39	Unfit drain connector	Unfit drain connector G8010-80036	1		M	
B40	Barb connector 1/16" to 1/8" inch	Barb connector 1/16" to 1/8" inch: 161008860	1		M	
B41	Helix seal for spray chamber	Helix seal for spray chamber: G8010-80042	4		M	
B42	Easy-fit, demountable torch	Easy-fit, demountable torch: G8010-60236	1		M	
B43	Quartz outer tube set for G8010-60236	Quartz outer tube set for G8010-60236: G8010-60231	2		M	
B44	Torch clamp	Torch clamp: G8010-64140	1		M	
B45	Fused Silica Window for Axial pre-optics window	Fused Silica Window for Axial pre-optics window: G8010-68014	1		M	
B46	Flurocarbon O-ring for Axial view pre-optic window	Flurocarbon O-ring for Axial view pre-optic window: G8010-68014	1		M	
B47	Fused Silica Window for Radial view pre-optics window	Fused Silica Window for Radial view pre-optics window	1		M	
B48	Sample tray spillage drainage tubing	Sample tray spillage drainage tubing: 1/4in OD x1/8in 1D PVIDF	Per metre		M	

B49	Air cooling inlet filter	ICP-OES check Solution: 6610030000	1		M	
B50	ICP-OES check Solution	ICP-OES check Solution: 6610030000	500 ml	yes	W	
B51	Calibration Blank Solution	Calibration Blank Solution: 5190-7001	500 ml	yes	W	
B52	MSIS Pump Tubing – Reductant (Black/Black)	MSIS Pump Tubing – Reductant (Black/Black)	12/pack		M	
B53	MSIS Pump Tubing – Waste (Black/White)	MSIS Pump Tubing – Waste (Black/White)	12/pack		M	
B54	MSIS Reagent Tubing Kit	MSIS Reagent Tubing Kit: G8479-68100	1		M	
B55	MSIS Reaction Cone kit (complete)	MSIS Reaction Cone kit (complete): G8479-60300	1		M	
B56	0.80 mm ID Sample Probe	0.80 mm ID Sample Probe: G8410-80102	1		M	
B57	3 Tab Grey-Grey-Grey Peristaltic Pump Tubing	50 ml Sample Tubes with Screw Cap: 3710049000	12/pack		M	
B58	50 ml Sample Tubes with Screw Cap	50 ml Sample Tubes with Screw Cap: 190065200	500		M	

B59	16*125 mm Polypropylene sample tubes	16*125 mm Polypropylene sample tubes: 190049700	1000		M	
B60	Black/Black pump tubing	Black/Black pump tubing	12/pack		M	
B61	Polyclean mix 30	Polyclean mix 30 with temperature range 0 to 90 degree Celsius	1.89l		M	
B62	Argon filter	Argon filter for ICP – OES 5100	1		M	
	TOTAL OF SECTION B					

Note 2: Bidder should quote on at least 37 of the 62 (60%) of the ICP chemicals liquids / consumables to be eligible for consideration of this bid.

SECTION C: SPECTROQUANT / SPECTROPHOTOMETER TEST METHODS

Item	Spectroquant / Spectrophotometer Test Methods	Specifications	Unit	Certificate of Analyses and traceable to NIST/ Calibration	Frequent use of chemicals D = Daily W = Weekly M = Monthly 6M = 6 Monthly	Product name of chemical/consumable/ microbiological media/gasses
C1	Aluminium Test Kit	Aluminium test kit, 0.02 - 1.20 mg/l (1.14825.0001 or equivalent)	box/350 tests	yes	M	
C2	Chemical Oxygen Demand (COD) Test Cells	COD cell test kit low range for SQ 118 photometer, 50-150 mg/l, 1.14540.0001 or equivalent	box/25 test	yes	D	
C3	COD Cell test Kits Medium Range	COD cell test kit Medium range for SQ 118 photometer, 25 -1 500 mg/l, 1.14541.0001 or equivalent	box/25 test	yes	D	
C4	COD Cell test Kits High Range	COD cell test kit High range for SQ 118 photometer, 500 - 10 000 mg/l, 1.14555.0001 or equivalent	box/25 test	yes	D	
C5	Cyanide cell test kit	Cyanide cell test kit for SQ 118 photometer, 0.010 - 0.500 mg/l, 1.14561.0001 or equivalent	box/25 test	yes	W	
C6	Fluoride cell test kit	Fluoride cell test kit for SQ 118 photometer, 0.10 - 1.50 mg/l,	box/25 test	yes	W	

		1.14557.0001 or equivalent				
C7	Nitrate cell test kit	Nitrate cell test kit for SQ 118 photometer, 0.5-15.0 mg/l NO ₃ , 1.14556.0001 or equivalent	box/25 test	yes	w	
C8	Nitrate cell test kit	Nitrate cell test kit for SQ 118 photometer, 2.0-80.0 mg/l NO ₃ , 1.14542.0001 or equivalent	box/25 test	yes	W	
C9	Nitrite cell test kit	Nitrite cell test kit for SQ 118 photometer, 0.3-2.30 mg/l NO ₂ , 1.14547.0001 or equivalent	box/25 test	yes	W	
C10	Phenol cell test kit	Phenol cell test kit for SQ 118 photometer, 0.10 - 2.50 mg/l, 1.14551.0001 or equivalent	box/25 test	yes	W	
C11	Silicate cell test kit	Silicate (Silicic acid) test (1.14794.0001) 0.005 - 5.0 mg/l Si or equivalent	box for 300 tests	yes	W	
C12	Sulphate cell test kit	Sulphate cell test kit for SQ 118 photometer, 5.0 - 250.0 mg/l SO ₄ ²⁻ , 1.14548.0001 or equivalent	box/25 test	yes	M	
C13	Sulphite cell test kit	Sulphite cell test kit for SQ 118 photometer, 1.0 - 20. mg/l SO ₃ ²⁻ , 1.14394.0001 or equivalent	box/25 test	yes	M	
C14	Phosphate cell test kit		box/25 test	yes	M	

C15	Fluoride Standard Solution 1000 ppm, for use of calibration and Quality Check	Fluoride Standard solution 1000 ppm, for use in calibration and quality check	500 ml	yes	W	
C16	COD Standard Solution 20 mg/l	COD Standard Solution 20 mg/l for Quality Check	500 ml	yes	D	
C17	COD Standard Solution 100 mg/l	COD Standard Solution 100 mg/l for Quality Check	500 ml	yes	D	
C18	COD Standard Solution 200 mg/l	COD Standard Solution 200 mg/l for Quality Check	500 ml	yes	D	
C19	COD Standard Solution 400 mg/l	COD Standard Solution 400 mg/l for Quality Check	500 ml	yes	D	
C20	COD Standard Solution 1000 mg/l	COD Standard Solution 1000 mg/l for Quality Check	500 ml	yes	D	
C21	COD Standard Solution 2000 mg/l	COD Standard Solution 2000 mg/l for Quality Check	500 ml	yes	D	
C22	COD Standard Solution 8000 mg/l	COD Standard Solution 8000 mg/l for Quality Check	500 ml	yes	D	
C23	Sulphate Standard Solution 40 mg/l	Sulphate Standard Solution 40 mg/l Quality Check	500 ml	yes	W	
C24	Sulphate Standard Solution 125 mg/l	Sulphate Standard Solution 125 mg/l for Quality Check	500 ml	yes	W	
C25	Sulphate Standard Solution 400 mg/l	Sulphate Standard Solution 400 mg/l for Quality Check	500 ml	yes	W	
C26	Sulphate Standard Solution 800 mg/l	Sulphate Standard Solution 800 mg/l	500 ml	yes	W	
C27	Sulphate Standard Solution 1000 mg/l	Sulphate Standard	500 ml	yes	W	

		Solution 1000 mg/l for Quality Check				
C28	MN – NANOCOLOR COD 160 Tube test	MN – NANOCOLOR or equivalent COD 160 Tube test measuring range: 15-160 mg/l O ₂ (Low)	20 Tests	N/A	D	
C29	MN – NANOCOLOR COD 1500 Tube test	MN – NANOCOLOR or equivalent COD 1500 Tube test measuring range: 100-1500 mg/l O ₂ (Medium)	20 Tests	N/A	D	
C30	MN – NANOCOLOR COD 15000 Tube test	MN – NANOCOLOR or equivalent COD 15000 Tube test measuring range: 1.0-15.0 g/L O ₂ (High)	20 Tests	N/A	D	
C31	COD Solution A	COD Solution A 1.14538.0065 for use with SQ 118 photometer (for ranges 10-150 mg/l)	65 ml	yes	W	
C32	COD Solution B	COD Solution B 1.14539.0495 for use with SQ 118 photometer (for ranges 100-1500 mg/l)	495 ml	yes	W	
C33	COD Solution B	COD Solution B 1.14580.0495 for use with SQ 118 photometer (for ranges 500-10000 mg/l)	495 ml	yes	W	
C34	COD Solution A	COD Solution A 1.14579.0065	495	yes	W	

		for use with SQ 118 photometer (for ranges 500-10000 mg/l)				
C35	COD Solution B	COD Solution B 1.14582.0065 for use with SQ 118 photometer (for ranges 10- 150 mg/l)	495 ml	yes	W	
C36	Photocheck for spectroquant Pharo	Photocheck for spectroquant Pharo 1.14693.0001		yes	W	
C37	Pipecheck for spectroquant Pharo	Pipecheck for spectroquant Pharo 1.14962.0001		yes	W	
C38	Empty cells for chemical oxygen demand (COD) solutions	Empty cells for chemical oxygen demand (COD) solutions for use in SQ 118 photometer, 16mm, with screw caps (1.14724.0001 or equivalent)	Box/25	N/A	D	
	TOTAL OF SECTION C					

Note 3: Bidder should quote on at least 24 of the 38 (60%) of the spectroquant / spectrophotometer test methods to be eligible for consideration of this bid.

SECTION D: SAMPLE BOTTLES AND GLOVES

Item	Sample Bottles and Gloves	Specifications	Unit	Certificate of Analyses and traceable to NIST/ Calibration	Frequent use of chemicals D = Daily W = Weekly M = Monthly 6M = 6 Monthly	Product name of chemical/ consumable/ microbiological media/gasses
D1	1litre sample bottles	1 litre transparent plastic milk sample bottles with screw caps, mouth opening > 20 mm	Each	N/A	D	
D2	2litre sample bottles	2 litre transparent retangular plastic sampling bottles with screw caps, mouth opening > 20mm	Each	N/A	W	
D3	100ml plastic bottle	100 ml Made of polypropylene, Autoclave at 121°C, Outlet diameter 48mm, Mouth diameter 24mm with lids	Each	N/A	W	
D4	Prescribed detergents for washing of glassware which is neutral in pH, O-PO4 and NH3 – PLEASE SPECIFY BELOW	Prescribed detergents for washing of glassware which is neutral in pH, O-PO4 and NH3 .	25 litres	yes	D	
D5	Nitrile gloves	Nitrile gloves, powder free, Latex free Small	100/pack		D	
D6	Nitrile gloves	Nitrile gloves, powder free, Latex free medium	100/pack		D	
D7	Nitrile gloves	Nitrile gloves, powder free, Latex free Large	100/pack		D	
D8	Latex gloves	Powdered, non-sterile latex gloves/examination gloves	100/box medium, 100/box small, 100/box large	N/A	D	

D9	Miele neodisher powder detergent	Miele Neodisher A8 phosphate free powder detergent (10 kg) for Mielabor G 7783 glass washing machine	10 kg	yes	D	
	TOTAL OF SECTION D					

Note 4: Bidder should quote on at least 5 of the 9 (60%) of the Sample bottles and Gloves to be eligible for consideration of this bid.

SECTION E: CONSUMABLES

Item	Consumables	Specifications	Unit	Certificate of Analyses and traceable to NIST/ Calibration	Frequent use of chemicals D = Daily W = Weekly M = Monthly 6M = 6 Monthly	Product name of chemical/ consumable/ microbiological media/gasses
E1	Glass beaker, 1000ml	Glass beaker, graduated, 1000ml, squat/spouted, short form, 105mm outer diameter, 145mm height, grade A glass	Each	N/A	M	
E2	Glass beaker, 2000ml	Glass beaker, graduated, 2000ml, squat/spouted, short form, 105mm outer diameter, 145mm height, grade A glass	Each	N/A	M	
E3	Glass Crystallizing Dishes	Glass crystallizing dishes, 150 ml, 80mm outer diameter, 45 mm height, grade A Glass	Each	N/A	M	
E4	Porcelain evaporating Dishes	Evaporating porcelain dishes, 110x45mm, 225 ml, porcelain	Each	N/A	M	
E5	Test tubes, 16 mm diameter	Test tubes, glass, rim 16 mm diameter, 150 mm height	Each	N/A	M	
E6	Test tubes, 18 mm diameter	Test tubes, glass, rim 18 mm diameter, 150 mm height	Each	N/A	M	

E7	Separating funnels, 250 ml	Separating funnels, 250 ml, G/S/C, Grade a glass each	250 ml	yes	M	
E8	Funnel Plastic	Funnels used for filtering sample preparations	250mm	N/A	M	
E9	Funnel Plastic	Funnels used for filtering sample preparations	80mm	N/A	M	
E10	Biosart sterile funnel 250 ml	Autoclavable biosart sterile funnel with 45mm diameter ml bottom	250 ml	N/A	M	
E11	Combitips for Eppendorfs	Funnels used for filtering sample preparations	5 ml	N/A	M	
E12	Combitips for Eppendorfs	Funnels used for filtering sample preparations	12,5 ml	N/A	M	
E13	Cleaning Brushes for Flasks and bottles	Wooden Handle	35 mm	N/A	D	
E14	Cleaning Brushes for glassbeakers	Wooden Handle		N/A	D	
E15	Rectangular Cell 10mm	Rectangular Cell 10mm 1.14946.0001		N/A	W	
E16	Rectangular Cell 20mm	Rectangular Cell 10mm 1.14947.0001		N/A	W	
E17	Rectangular Cell 20mm	Rectangular Cell 10mm 1.14944.0001		N/A	W	
E18	Glass Beaker (150 ml)	Glass Beaker 150 ml Graduated spouted	150 ml	N/A	M	
E19	Glass Beaker (250 ml)	Glass Beaker 250 ml Graduated spouted	250 ml	N/A	M	
E20	Glass Beaker (500 ml)	Glass Beaker 500 ml Graduated spouted	500 ml	N/A	M	
E21	Glass Beaker (1000 ml)	Glass Beaker 1000 ml Graduated spouted	1000 ml	N/A	M	
E22	Glass Pipette 1 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	1 ml	yes	M	
E23	Glass Pipette 2 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	2 ml	yes	M	
E24	Glass Pipette 5 ml	Graduated A Grade Glass Pipette for	5 ml	yes	M	

		Reagent and Standard Preparation				
E25	Glass Pipette 10 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	10 ml	yes	M	
E26	Glass Pipette 15 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	15 ml	yes	M	
E27	Glass Pipette 20 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	20 ml	Yes	M	
E28	Glass Pipette 25 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	25 ml	yes	M	
E29	Glass Pipette 30 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	30 ml	yes	M	
E30	Glass Pipette 50 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	50 ml	yes	M	
E31	Glass Pipette 100 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	100 ml	yes	M	
E32	Glass volumetric flasks, 10 ml	Glass volumetric flask, 10 ml, with stoppers, Graduated grade A glass	10 ml	yes	M	
E33	Glass volumetric flasks, 25 ml	Glass volumetric flask, 25 ml, with stoppers, Graduated grade A glass	25 ml	yes	M	
E34	Glass volumetric flasks, 50 ml	Glass volumetric flask, 50 ml, with stoppers, Graduated grade A glass	50 ml	yes	M	
E35	Glass volumetric flasks, 100 ml	Glass volumetric flask, 100 ml, with stoppers, Graduated grade A glass	100 ml	yes	M	
E36	Glass volumetric flasks, 200 ml	Glass volumetric flask, 200 ml, with stoppers, Graduated grade A glass	200 ml	yes	M	
E37	Glass volumetric flasks, 250 ml	Glass volumetric flask, 250 ml, with stoppers, Graduated grade A glass	250 ml	Yes	M	

E38	Glass volumetric flasks, 500 ml	Glass volumetric flask, 500 ml, with stoppers, Graduated grade A glass	500 ml	Yes	M	
E39	Glass volumetric flasks, 1000 ml	Glass volumetric flask, 1000 ml, with stoppers, Graduated grade A glass	1000 ml	yes	M	
E40	Glass volumetric flasks, 2000 ml	Glass volumetric flask, 2000 ml, with stoppers, Graduated grade A glass	2000 ml	yes	M	
E41	Glass volumetric flasks, 5000 ml	Glass volumetric flask, 5000 ml, with stoppers, Graduated grade A glass	5000 ml	yes	M	
E42	Buchner Funnel	Buchner funnel, Porcelain, 90mm, with fitted rubber stopper, which needs to be inserted in a 2 litre vacuum flask	Each	N/A	M	
E43	Vacuum Flask	Vacuum flask, suitable for the Buchner funnel and rubber stopper	1000 ml	N/A	M	
E44	Vacuum Flask	Vacuum flask, suitable for the Buchner funnel and rubber stopper	2000 ml	N/A	M	
E45	Vacuum Flask	Vacuum flask, suitable for the Buchner funnel and rubber stopper	1000 ml	N/A	M	
E46	Vacuum Flask	Vacuum flask, to be used for micro filtrations	2000 ml	N/A	M	
E47	Bottle Top Dispensers	Bottle Top Dispensers	1-5 ml	N/A	M	
E48	Bottle Top Dispensers	Bottle Top Dispensers	1-10 ml	N/A	M	
E49	10 ml sample tubes poly prop	poly prop 17mm X 130 mm	1000/pack	N/A	M	
E50	50 ml centrifuge tube	medical grade polypropylene	25/pack	N/A	M	
E51	25l Polyprop water drums with taps	Polyprop water drums with taps	25 l		M	
E52	Spoon Spatula	Autoclavable spoon Spatula made of 18/10 rust proof stainless steel 25mm diameter	Spoon Spatula		M	
E53	Dosing Spatula	Autoclavable dosing spatula made of stainless steel and	Dosing Spatula		M	

		plastic handle, blade L 50X				
E54	Schott Bottle 500 ml	Autoclavable schott bottle with lid 500 ml	500 ml		M	
E55	Schott Bottle 1000 ml	Autoclavable schott bottle with lid 1000 ml	1000 ml		M	
E56	Biosart sterile funnel 250 ml	Autoclavable biosart sterile funnel with 45mm diameter ml bottom	60 mm		M	
E57	Glass Petridish 60mm diameter	Petridish Glass 60mm diameter with lid	60mm diameter		M	
E58	weighing bottle with lid , L/F 35d x 30h	weighing bottle with lid , L/F 35d x 30h	15ml		M	
E59	weighing bottle with lid , L/F 50d x 30h	weighing bottle with lid , L/F 50d x 30h	30ml		M	
E60	weighing bottle with lid , L/F 60d x 30h	weighing bottle with lid , L/F 60d x 30h	45 ml		M	
	TOTAL OF SECTION E					

Note 5: Bidder should quote on at least 36 of the 60 (60%) of the consumables to be eligible for consideration of this bid.

SECTION F: FILTER PAPER & MICROBIOLOGY

Item	Filter papers and Microbiology	Specifications	Unit	Certificate of Analyses and traceable to NIST/ Calibration	Frequent use of chemicals D = Daily W = Weekly M = Monthly 6M = 6 Monthly	Product name of chemical/ consumable/ microbiological media/gasses
F1	MN 615 240mm	Macherey-Nagel or equivalent Filter paper 615 – 240 mm	box/100	N/A	D	
F2	MN 85/90 GF/C 9 cm	Macherey-Nagel or equivalent Glass Fibre Filter Paper MN 85/90 – 9 cm (Specs: Thickness = 0.40mm, basis weight = 90 g/m ² , filtration speed air = 15 s, particle retention = 0.5 µm, organic binder)	box/25 or box/100	N/A	D	
F3	MN 18.5 cm	Macherey-Nagel or equivalent Ashless Filter Paper MN 640we – 18.5 cm (Specs: Thickness = 0.22mm, basis weight = 85 g/m ² , Filtration speed = 5s	box/100		D	
F4	Monochloramine reagent	Hach DPD Monochlor F Reagent	Pack / 100 pillows	yes	D	
F5	Free Chlorine Reagent Kit	HACH DPD Chlorine Free	Pack/1000 pillows	yes	D	
F6	Total Chlorine Reagent Kit	HACH DPD Chlorine Total	Pack/100 pillows	yes	D	
F7	Sterile microbiological sample bag	Whirlpack or equivalent sterile microbiological sample bags without sodium thiosulphate,	Box/500	N/A	D	

		plain, 18 Oz with writing strip				
F8	Sterile filter membranes	Membrane filters 0.45µm with 47mm diameter. White membranes with black grid. Sterile and individually packed without absorbent pads	Box/1000	N/A	D	
F9	Sterile micro bottles	Sterile micro bottles (500 ml) with sodium thiosulphate	Each	N/A	D	
F10	Chlorine test kit (full kit)	Viso HE or equivalent full chlorine test kit (0.02 -0.60 mg/l)	Each	N/A	D	
F11	Chlorine test kit (refill kit)	Viso HE or equivalent refill chlorine test kit (0.02 -0.60 mg/l)	Each	N/A	D	
F12	Petrifilm Aerobic Count Plate	3M Petrifilm Aerobic Count Plate for enumeration of aerobic bacteria in food and beverage industries	100/pack	N/A	D	
F13	Petridishes	Petri dishes, 65mm, sterile, disposable, plastic	750/pack	N/A	D	
F14	m-Fc agar	Biolab or equivalent m-Fc Agar, detection and enumeration of faecal coliforms by the membrane filtration technique (Ingredients: Tryptone 10.0 g/l, Peptone 5.0 g/l, Yeast extract 3.0 g/l, sodium chloride 5.0 g/l, lactose 12.5 g/l, bile salts no.3 1.5g/l, Aniline Blue 0.1 g/l, Agar 13.0 g/l)	500 g	yes	D	

F15	MacConkey agar purple	Biolab or equivalent MacConkey Agar Purple, medium used in the membrane filtration method of testing and counting of presumptive coliform and Escherichia coli in water samples (Ingredients: Peptone 10.0 g/l, Lactose 30.0 g/l, sodium chloride 5.0 g/l, bile salts no.3 1.5 g/l, bromocresol purple 0.12 g/l, agar 12.0 g/l)	500 g	yes	D	
F16	M-Enterococcus Agar	Difco or equivalent, M-Enterococcus Agar, base for isolating and enumerating enterococci in water by membrane filtration method (Ingredients: Tryptose 20.0 g/l, Yeast extract 5.0 g/l, Dextrose 2.0 g/l, Dipotassium phosphate 4.0 g/l, Sodium azide 0.4 g/l, Agar 10.0 g/l, 2,3,5-Triphenyl Tetrazolium Chloride 0.1 g/l)	500 g	yes	D	
F17	Microcystins tube kits	Test kits used for determination of Total microcystin on photometer, product number 520012A			D	
	TOTAL OF SECTION F					

Note 6: Bidder should quote on at least 10 of the 17 (60%) of the Filter Papers and Microbiology to be eligible for consideration of this bid.

SECTION G: COLITAG, COLILERT AND AGAR PLATES

Item	Colitag, Colilert and Agar Plates	Specifications	Unit	Certificate of Analyses and traceable to NIST/ Calibration	Frequent use of chemicals D = Daily W = Weekly M = Monthly 6M = 6 Monthly	Product name of chemical/ consumable/ microbiological media/gasses
G1	Colitag Test Kit (Media), P/A, 100mL format, 100/pk	4600-0013 Colitag Test Kit (Media), P/A, 100mL format	100/Pack		D	
G2	PLATEFILM100 Plate, iMPN, with film, 100/pk	4600-PLATEFILM100 Plate, iMPN, with film	100/Pack		D	
G3	Colitag Vessel, 100ml with Sodium Thiosulfate	4600-0121C Colitag Vessel, 100ml with Sodium Thiosulfate	100/Pack		D	
G4	Sealing Tool Roller	4600-ST Sealing Tool Roller	1		D	
G5	MacConkey NPS	Used for determination of E-coli and Coliform, type 14097	100/pack	yes	D	
G6	Mm FC NPS	Used for determination of E-coli and Coliform, type 14068	100/pack	yes	D	
G7	Tepool NPS	Used for determination of E-coli and Coliform, type 14067	100/pack	yes	D	
G8	Azide NPS	Used for determination of Enterococcus faecalis and Enterococci , type 14051	100/pack	yes	D	
G9	Bismuth sulfite NPS	Used for determination of Salmonella typhosa streak, type 14052	100/pack	yes	D	
G10	Centrimide NPS	Used for determination of Pseudomonas aeruginosa, type 14075	100/pack	yes	D	

G11	KLEBSIELLA PNEUM ATCC 31488	KLEBSIELLA PNEUM ATCC 31488, MI0261K or equivalent, for E-coli analyses	6/pack	yes	D	
G12	Klebsiella pneumoniae subsp. ATCC 10031	Klebsiella pneumoniae subsp. ATCC 10031	6/pack	yes	D	
G13	ESCHERICHIA COLI ATCC # 8739	ESCHERICHIA COLI ATCC # 8739 MI0483K or equivalent, for Feacal Coliform analyses	6/pack	yes	D	
G14	ESCHERICHIA COLI ATCC 51813	ESCHERICHIA COLI ATCC 51813 or equivalent, for Feacal Coliform analyses	6/pack	yes	D	
G15	Staphylococcus aureus subsp. aureus ATCC® 25923™*	Staphylococcus aureus subsp. aureus ATCC® 25923™* MI0360K or equivalent, for total coliform analyses	6/pack	yes	D	
G16	Echerichia coli derived from ATCC 25922	Echerichia coli derived from ATCC 25922	6/pack	yes	D	
G17	Enterococcus faecalis derived from ATCC 29212	Enterococcus faecalis derived from ATCC 29212	6/pack	yes	D	
G18	Kocuria rhizophila ATCC® 9341™*	Kocuria rhizophila ATCC® 9341™* MI0688K or equivalent, for Heterotrophic plate count	6/pack	yes	D	
G19	ENTEROCOCCUS FAECALIS ATCC # 19433	ENTEROCOCCUS FAECALIS ATCC # 19433 MI0367K or equivalent, for Fecal Streptococci	6/pack	yes	D	
G20	ENTEROBACTER AEROGENES ATCC 13048	ENTEROBACTER AEROGENES ATCC 13048 MI0306K or equivalent	6/pack	yes	D	
G21	Crystal violet reagent	Crystal violet reagent	250g	yes	D	
G22	Safranin-O dye	Safranin-O dye	500 ml	yes	D	
G23	Basic fuchsin	Basic fuchsin	250g	yes	D	

	TOTAL OF SECTION G					
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Note 7: Bidder should quote on at least 14 of the 23 (60%) of the Colitag, Colilert and Agar Plates to be eligible for consideration of this bid.

SECTION H: pH, CONDUCTIVITY & TURBIDITY STANDARDS

Item	pH, Conductivity & Turbidity Standards	Specifications	Unit	Certificate of Analyses and traceable to NIST/ Calibration	Frequent use of chemicals D = Daily W = Weekly M = Monthly 6M = 6 Monthly	Product name of chemical/ consumable/ microbiological media/gasses
H1	pH Buffer 4	pH Buffer 4, for use of calibration and Quality Check	500 ml	yes	W	
H2	pH Buffer 7	pH Buffer 7, for use of calibration and Quality Check	500 ml	yes	W	
H3	pH Buffer 10	pH Buffer 10, for use of calibration and Quality Check	500 ml	yes	W	
H4	Ammonia (NH3) loose membranes	Ammonia loose membranes for thermo Orion Ammonia gas sensing electrode for Orion IonAnalyzer EA 940 for ion-selective determination of ammonia	Pack/20	N/A	W	
H5	Potassium Chloride (KCl) Buffer Solution	3mol/l KCl, saturated AgCl electrode filling solution, reference potential controlled (25°C),	250 ml	yes	W	

		with quality control certificate for Mettler Toledo DL50 (250 ml)				
H6	Ammonia (NH3) Ag/AgCl filling solution	Standard line Ag/AgCl electrode filling solution for 9609BN (60ml)	60 ml	yes	W	
H7	Turbidity standards, 0.1 NTU	Turbidity Standard, 0.1 NTU (100ml dark bottle)	100 ml	yes	D	
H8	Turbidity standards, 1 NTU	Turbidity Standard, 1 NTU (100ml dark bottle)	100 ml	yes	D	
H9	Turbidity standards, 1000 NTU	Turbidity Standard, 1000 NTU (100ml dark bottle)	100 ml	yes	D	
H10	Bante 510 Conductivity electrode	Bante 510 CN, Con-1 Conductivity electrode with DV9V power adaptor	1		M	
H11	pH-electrode	Orion or equivalent pH-electrode replacement 9157BNMD - refillable pH/ATC epoxy body with Ag/AgCl reference	Each	N/A	M	
	TOTAL OF SECTION H					

Note 8: Bidder should quote on at least 7 of the 11 (60%) of the pH, Conductivity & Turbidity Standards to be eligible for consideration of this bid.

SECTION I: GASSES FOR ICP AND AA

Item	Gasses for ICP and AA	Specifications	Unit	Certificate of Analyses and traceable to NIST/ Calibration	Frequent use of chemicals D = Daily W = Weekly M = Monthly 6M = 6 Monthly	Product name of chemical/ consumable/ microbiological media/gasses
11	Acetylene gas including rental and delivery	Acetylene Gas, High Purity (Instrument Grade), 8.6 kg for use on SpectrAA 250 Plus for heavy metal detection	Cylinder of 8.6 kg	N/A	W	
12	Argon HP 5.0 gas including rental and delivery	Argon Gas, High purity (instrument grade, 16.5 kg for use on ICP	16,5kg	N/A	W	
13	Nitrous Oxide Gas including rental and delivery	Nitrous Oxide Gas, High Purity (Instrument Grade), 31.3 kg for use on SpectrAA 250 Plus for heavy metal detection	Cylinder of 31.3 kg	N/A	W	
	TOTAL OF SECTION I					

Note 9: Bidder should quote on at least 3 of the 3 (100%) of the gasses for ICP and AA to be eligible for consideration of this bid.

SECTION J: ACIDS & CHEMICAL SUBSTANCES

Item	Acids, & Chemicals Substances	Specifications	Unit	Certificate of Analyses and traceable to NIST/ Calibration	Frequent use of chemicals D = Daily W = Weekly M = Monthly 6M = 6 Monthly	Product name of chemical/ consumable/ microbiological media/gasses
J1	Methyl Orange Indicator	Methyl Orange AR grade	250g	yes	M	
J2	Disodium tetraborate decahydrate	Disodium tetraborate decahydrate , AR Grade	500 g	yes	M	
J3	Potassium Chloride	Potassium Chloride, AR Grade, plastic container	500 g	yes	W	
J4	Sodium Chloride	Sodium Chloride, AR grade, plastic container	500 g	yes	W	
J5	Sodium Hydroxide	Sodium Hydroxide, AR Grade, plastic container	5 kg	yes	M	
J6	Hydrochloric acid	Hydrochloric acid, 32, AR grade, glass bottle	2.5 litre	yes	W	
J7	Nitric Acid	Nitric acid, 55%, AR grade, glass bottle	2.5 litre	yes	W	
J8	Hydrochloric acid	Hydrochloric acid, 32, AR grade, glass bottle	2.5 litre	yes	W	
J9	Nitric Acid	Nitric acid, 55%, AR grade, glass bottle	2.5 litre	yes	W	
J10	Sulphuric Acid	Sulphuric Acid, 98%, glass bottle, AR grade	2.5 litre	yes	W	
J11	Acetone	Acetone, CP grade, plastic bottle	2.5 litre	yes	D	
J12	Ethanol	Ethanol, 99.9%, AR grade, glass bottle	2.5 litre	yes	W	
J13	Petroleum Ether, 30-60°C	Petroleum Ether, 30-60°C, glass bottle, AR Grade	2.5 litre	yes	W	

J14	Silver Nitrate	Silver Nitrate, AR Grade, Plastic container	500 g	yes	D	
J15	Methanol	Methanol, AR Grade, 2.5lt, GB (C55202183)	2.5 litre	yes	M	
J16	Butanol	Butan-1-ol, AR grade, glass bottle	2.5 litre	yes	M	
J17	Chloroform	Chloroform, AR grade, glass bottle	2.5 litre	yes	M	
J18	Phenolphthalein	Indicator	100 ml	yes	M	
J19	Thymol blue	Indicator	100 ml	yes	M	
J20	Potassium Chromate Indicator	Indicator	500g	yes	D	
	TOTAL OF SECTION J					

Note 10: Bidder should quote on at least 12 of the 20 (60%) of the Acids and Chemical Substances to be eligible for consideration of this bid.

SECTION K: ALKALI'S & OTHER CHEMICAL SUBSTANCES

Item	Alkali's & other chemicals Substances	Specifications	Unit	Certificate of Analyses and traceable to NIST/ Calibration	Frequent use of chemicals D = Daily W = Weekly M = Monthly 6M = 6 Monthly	Product name of chemical/ consumable/ microbiological media/gasses
K1	Ammonium Molybdate Tetrahydrate	Ammonium Molybdate Tetrahydrate, AR Grade	500 g	yes	6M	
K2	Ammonium Sulphate	Ammonium Sulphate, AR Grade, plastic container	500 g	yes	6M	
K3	Ammonium oxalate	Ammonium oxalate	250g	yes	6M	
K4	Ascorbic Acid	Ascorbic Acid, AR Grade, plastic container	500 g	yes	6M	
K5	Boric Acid Powder	Boric Acid powder, AR Grade, plastic container	500 g	yes	6M	

K6	Citric Acid Anhydrate	Citric Acid Anhydrate, AR Grade, plastic container	500 g	yes	6M	
K7	Cellulose microcrystalline for thin layer chromatography	Cellulose microcrystalline for thin layer chromatography	500 g	yes	6M	
K8	Chloramine T	Chloramine -T trihydrate AR grade	250 g	yes	6M	
K9	Sulfa Ver 4 Sulphate Reagent Powder Pillows	HACH or equivalent, Sulfaver 4 PP reagent powder 12065-99 (Specs: Contains Barium Chloride and Citric Acid)	Pack / 1000 pillows	yes	6M	
K10	Sodium Carbonate	Sodium Carbonate, AR grade, plastic container	500 g & 5 kg	yes	6M	
K11	Potassium Iodide	Potassium Iodide, AR Grade, plastic container	500 g	yes	6M	
K12	Potassium Sulphate	Potassium Sulphate, AR Grade, plastic container	5 kg	yes	6M	
K13	Sodium Borohydride	Sodium Borohydride, AR grade, plastic container	100g	yes	6M	
K14	Sodium Thiosulphate Anhydrous	Sodium Thiosulphate, anhydrous, AR Grade, plastic container	500 g	yes	6M	
K15	Ammonium Chloride	Used for calibration and Quality Control Check	5000 g	yes	6M	
K16	Potassium Hydrogen Phthalate	Potassium Hydrogen Phthalate, AR Grade	500 g	yes	6M	
K17	Potassium Nitrate	Potassium Nitrate, AR Grade, plastic container	500 g	yes	6M	
K18	Mercuric Oxide Red	Mercuric Oxide Red, AR Grade, Plastic container	500 g	yes	6M	
	TOTAL OF SECTION K					

Note 11: Bidder should quote on at least 11 of the 18 (60%) of the alkali's & other chemical substances to be eligible for consideration of this bid.

5. SPECIAL CONDITIONS

- 5.1. The municipality reserves the right to contact the contact person stated on the reference letter.
- 5.2. Applicable foreign exchange currency (ROE) to be confirmed by the service provider/s at the time of closure of the tender.
- 5.3. Please note that the current ROE will be used at the time of ordering, where applicable.
- 5.4. Service providers should bid for at least 60% of chemicals or consumables or microbiological media to be eligible for consideration of the bid. Service providers should bid for at least 100% of gasses to be eligible for consideration of the bid (Section I).
- 5.5. Product name of products to be specified to ensure compliancy to the Standard Operating Procedure of the analytical methods. Service provider/s should note that the stated product name should be provided for the three (3) year period of the tender. In cases of discontinuation of a product / product name a written letter and new price (R) should be provided. Note should be taken that the new recommended product must first be verified by Scientific & Quality Control Services for approval, since product change will lead to changes in Standard Operating Procedures.
- 5.6. Note should be taken of the specifications provided on the pricing schedule for chemicals and consumables. Chemicals and consumables will not be accepted if the requirements/specifications are not met. The highest possible standards should be maintained at all times. Certificate of analyses (CoA) which is traceable to the National Institute of Standard and Technology (NIST), where applicable, should be provided if requested in the pricing schedule.
- 5.7. Chemicals and consumables will not be accepted if not complying with general safety conditions with regards to packaging as per Material Safety Data Sheet (MSDS).
- 5.8. If the complete order cannot be delivered, part-deliveries will be accepted, with proper document proof.
- 5.9. Expiry date on chemicals/standards must not be less than six (6) months from date of delivery.
- 5.10. Prices for rental of gas cylinders should be stated as unit price for gas, rental of cylinder as well as delivery and collection costs.
- 5.11. A copy of a valid ISO 9001: 2015 certificate and invoice to be submitted with each delivery.

6. TECHNICAL EVALUATION CRITERIA

6.1. The below mentioned criteria regarding Functionality is required for responsiveness and therefore eligibility for the next stage of evaluation. This is done to determine the ability of each tenderer to successfully execute the contract according to specifications. Failure to score minimum of 09 out 12 points will lead to non-compliance and non-responsiveness.

6.2. These criteria shall only determine whether a tender will further be evaluated and will not influence the points scored on Price. If any criterion is rated zero points, the tenderer will be rejected, even if the required 09 out of 12 points are achieved.

6.3. For purposes of comparison and in order to ensure meaningful evaluation, bidders are requested to furnish detailed information in substantiation of compliance to functionality criteria mentioned and shall only determine whether a tender will further be evaluated.

NO	DESCRIPTION	WEIGHT	MINIMUM
1	<p><u>Company Experience and Related Track Record</u></p> <p>Attach copies of Appointment Letters with corresponding Contactable Reference Letters on the company's official letterhead with contact details of the relevant official duly signed and dated by previous clients with regards to the (supply and delivery of chemicals, consumables, gasses for specialized laboratory equipment and microbiological media).</p> <ul style="list-style-type: none">• 2-3 Completed Projects = (Appointment Letters and corresponding contactable reference letters) = 02 points• 4-5 Completed Projects = (Appointment Letters and corresponding contactable reference letters) = 03 points• 6+ Completed Projects (Appointment Letters and corresponding contactable reference letters) = 05 points <p>NB: Date of reference letters and appointment letters should not be older than 5 years.</p> <p>NB: Only appointment letters + contactable reference letters confirming successful completion of similar projects will be acceptable/considered.</p>	5	2

	<p>NB: Current projects that are not yet completed will not be considered.</p> <p>NB: Failure to attach appointment letters with corresponding contactable reference letters will lead to zero (0) scoring.</p> <p>Service providers must complete MBD 6.1.10 fully.</p>		
2	<p><u>ISO Certificate</u></p> <p>Submit proof of Valid Certificate of ISO 9001: 2015 Quality Management Systems</p> <p>A copy of a valid Certificate of ISO 9001:2015 Quality Management Systems, which proves that the company is capable to supply and deliver chemicals, consumables, gasses for specialized equipment and microbiological media. The ISO 9001:2015 certificate should be in the name of the service provider.</p>	5	5
3	<p><u>Project Team and Organizational Capabilities</u></p> <p>(NB – Service Provider/s must clearly indicate the project member in terms of their roles and the information must be the same as contained in the MBD 6.1.10.1):</p> <p>The company must allocate one (01) Product Manager OR Specialist OR Sales Representative OR Executive with regards to the supply and delivery of chemicals, consumables, gasses for specialized equipment and microbiological media.</p> <p>(Non-attachment of copies of qualification/s, competency certificate/s and CV will lead to Zero (0) scoring points).</p>	2	2
	Total	12 points	9 points

7. SERVICE PROVIDERS PERFORMANCE MONITORING

The below mentioned criteria regarding Performance will be used to monitor and score the service providers performance in delivering against the defined scope.

KEY PERFORMANCE AREAS	KEY PERFORMANCE INDICATORS	PORTFOLIO OF EVIDENCE
1. Leadtimes	<ul style="list-style-type: none">• Delivery period of chemicals for products manufactured locally 30 days.• Delivery of products that are manufactured internationally is 60 day.• Partial delivery will be accepted.	<ul style="list-style-type: none">• Signed invoice and delivery note for the supply and delivery of chemicals, consumables, gasses for specialized laboratory equipment and microbiological media.
2. Quality	<ul style="list-style-type: none">• The quality of products must be in terms of the standard requirements.	<ul style="list-style-type: none">• A valid ISO Certificate 9001:2015
3. Quantity	<ul style="list-style-type: none">• Quantity of the material must be in terms of the order	<ul style="list-style-type: none">• Signed invoice and delivery note for the supply and delivery of chemicals, consumables, gasses for specialized laboratory equipment and microbiological media.

7.1. SCORING GUIDELINES

- 1 = Poor (<59%) – Unacceptable Performance, the performance does not meet the standard expected, the contractor has failed to demonstrate the commitment level expected.
- 2 = Average (60-69%) – Performance not fully effective, performance is below the standard required, it meets some expectations.
- 3 = Above Average (70-79%) – Performance fully effective, performance fully meets standards expected as per the scope.
- 4 = Good (80%-89%) – Performance significantly above expectations, performance is significantly higher than the standard expected.
- 5 = Excellent (90%-100) – Outstanding performance, performance far exceeds the standard expected.

8. PRICING SCHEDULE – SUPPLY AND DELIVERY OF CHEMICALS, CONSUMABLES, GASSES FOR SPECIALIZED EQUIPMENT AND MICROBIOLOGICAL MEDIA AT SCIENTIFIC & QUALITY CONTROL SERVICES LABORATORY ON AN AS AND WHEN-REQUIRED BASIS FOR A PERIOD OF THREE (3) YEARS.

THE BIDDER SHOULD INCLUDE THE FOLLOWING:

SECTION A: DISCRETE PHOTOMETRIC ANALYSER REAGENT / STANDARDS

Item	Discrete Photometric Analyser Reagent / Standard	Specifications	Unit	Certificate of Analyses and traceable to NIST / Calibration	Frequent use of chemicals D = Daily W = Weekly M = Monthly 6M = 6 Monthly	Product name of chemical/consumable/ microbiological media/gasses	Unit Price (excl VAT)	Unit Price (incl VAT)	Rand of Exchange Implications (Yes/No)	Delivery period
A1	Cuvettes for discrete photometric analyser	Decacell cuvettes	540 pcs = 5400 cells	no	M					
A2	NH4-1 (AMM R1L)	Reagent for Ammonia Analyses, 984362 NH4-1 (AMM R1L) 125 ml	125 ml	yes	D					
A3	NH4-2 4 x 20 ml	Reagent for Ammonia Analyses, 984363 NH4-2 4 x 20 ml	20 ml	yes	D					
A4	Ammonium Std	Standard for Calibration, ICC101-5 Ammonium Std	500 ml	yes	D					
A5	Sulphate reagent	984649 S04 Reagent 6 x 60mL for sulphate calibration	60 ml	yes	D					
A6	ICC-006-5 Sulphate Std 1000ug/mL	ICC-006-5 Sulphate Std 1000ug/ml 500 ml for calibration	500 ml	yes	D					

A7	984365 Chloride R1 20 x20 ml	984365 Chloride R1 20 x 20 ml for chloride calibration	20 ml	yes	D					
A8	ICC-002- 05 Chloride Std 1000ug/ml	ICC-002-05 Chloride Std 1000ug/ml for chloride calibration	500 ml	yes	D					
A9	984350 TON V1- Saline/high chloride applications)	984350 TON V1- Saline/high chloride applications) for nitrates calibration	20 ml	yes	D					
A10	984351 TON V2 – Saline/high chloride	984351 TON V2 - Saline/high chloride applications) for nitrate calibration	20 ml	yes	D					
A11	ICC-004a- 5 Nitrate SRD 1000 ug/ml	ICC-004a-5 Nitrate SRD 1000 ug/ml for nitrates calibration	500 ml	yes	D					
A12	984371 TON 3 Reagent 4 x 20mL	984371 TON 3 Reagent 4 x 20mL for nitrite calibration	20 ml	yes	D					
A13	ICC-007a-5 Nitrite 1000 mg/l	ICC-007a-5 Nitrite 1000 mg/l for nitrite calibration	500 ml	yes	D					
A14	FT65 TKN(post digest) Digestion Soln-HgSO4 1L	(post digest) Digestion Soln-HgSO4 1L	1 L	yes	D					
A15	FT16 Alkalinity standard 1000 mg/l	Alkalinity 1000 mg/l	500 ml	yes	D					
A16	Alkalinity R1	Reagent for Alkalinity Analyses, 984623 4 x 20 ml	20 ml	yes	D					
A17	Alkalinity R2	Reagent for Alkalinity Analyses, 984624 4 x 10 ml	10 ml	yes	D					
A18	FT41 Bromide R1	Reagent for Bromide analyses	1 L	yes	D					

A19	FT42 Bromide R2	Reagent for Bromide analyses	100 ml	yes	D					
A20	FT43 Bromide R3	Reagent for Bromide analyses	100 ml	yes	D					
A21	ICC-001 Bromide	Bromide 1000 µg/ml	125 ml	yes	D					
A22	1000 mg/l Fluoride standard	1000 mg/l standard for Fluoride calibration	500 ml	yes	D					
A23	Fluoride R1	Reagent for Fluoride analyses, 984629 4 x 20 ml	20 ml	yes	D					
A24	Fluoride R2	Reagent for Fluoride analyses, 984630 4 x 20 ml	20 ml	yes	D					
A25	Fluoride R3	Reagent for Fluoride analyses, 984631 4 x 20 ml	20 ml	yes	D					
A26	Chloromine	Reagent for Cyanide analyses	100 ml	yes	D					
A27	Phosphate R1	Reagent for Phosphate analyses, 984366 4 x 20 ml	20 ml	yes	D					
A28	Phosphate R2	Reagent for Phosphate analyses, 984368 4 x 20 ml	20 ml	yes	D					
A29	FT22 Phenol 1000 mg/l	1000 mg/l standard for Phenol calibration	500 ml	yes	D					
A30	FT20 Phenol R1	Reagent for Cyanide analyses 4-aminoantipyrine	100 ml	yes	D					
A31	FT21 Phenol R2	Reagent for Cyanide analyses buffered potassium	100 ml	yes	D					

A32	ICP-014A Silica 1000 µg/mL standard	1000 µg/mL standard for Silica calibration	125 ml	yes	D					
A33	Silica R1	Reagent for Silica analyses, 984525 4 x 20 ml	20 ml	yes	D					
A34	Silica R2	Reagent for Silica analyses, 984526 4 x 20 ml	20 ml	yes	D					
A35	Silica R3	Reagent for Silica analyses, 984527 4 x 20 ml	20 ml	yes	D					
A36	TF47 Diethylphenylenediamine	Reagent for Sulphide analyses	100 ml	yes	D					
A37	TF48 Diethylphenylenediamine	Reagent for Sulphide analyses	100 ml	yes	D					
A38	FT46 Cyanide 1000 mg/l standard	1000 mg/l standard for Cyanide calibration,	500 ml	yes	D					
A39	Free Cyanide 1000 µg/mL standard	1000 µg/mL standard for Free Cyanide calibration, ICC-008	125 ml	yes	D					
A40	Complex Cyanide 1000 µg/mL standard	1000 µg/mL standard for Cyanide calibration, ICC-009	100 ml	yes	D					
A41	FT45 Pyridine-Barbituric Acid	Reagent for Cyanide analyses	500 ml	yes	D					
A42	FT28 Phosphates buffer	Reagent for Cyanide analyses	1L	yes	D					
A43	4 ml sample cup	Polystyrene cup for autoanalyzer	4 ml	yes	D					
	TOTAL OF SECTION A									

Note 1: Bidder should quote on at least 26 of the 43 (60%) of the discrete photometric analyser reagent / standard to be eligible for consideration of this bid.

SECTION B: ICP CHEMICAL LIQUIDS / CONSUMABLES

Item	ICP Chemical Liquids / Consumables	Specifications	Unit	Certificate of Analyses and traceable to NIST/ Calibration	Frequent use of chemicals D = Daily W = Weekly M = Monthly 6M = 6 Monthly	Product name of chemical/ consumable/ microbiological media/gasses	Unit Price (excl VAT)	Unit Price (incl VAT)	Rand of Exchange Implications (Yes/No)	Delivery period
B1	Aluminium Solution 1000 ppm	Aluminium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					
B2	Antimony Solution 1000 ppm	Antimony Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					
B3	Arsenic Solution 1000 ppm	Arsenic Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					
B4	Barium Solution 1000 ppm	Barium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					
B5	Beryllium Solution 1000 ppm	Beryllium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					

B6	Boron Solution 1000 ppm	Boron Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					
B7	Cadmium Solution 1000 ppm	Cadmium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					
B8	Calcium Solution 1000 ppm	Calcium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					
B9	Chromium Solution 1000 ppm	Chromium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					
B10	Cobalt Solution 1000 ppm	Cobalt Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					
B11	Copper Solution 1000 ppm	Copper Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					
B12	Iron Solution 1000 ppm	Iron Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					

B13	Lead Solution 1000 ppm	Lead Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					
B14	Magnesium Solution 1000 ppm	Magnesium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					
B15	Manganese Solution 1000 ppm	Manganese Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					
B16	Mercury Solution 1000 ppm	Mercury Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					
B17	Molybdenum Solution 1000 ppm	Molybdenum Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					
B18	Nickel Solution 1000 ppm	Nickel Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					
B19	Potassium Solution 1000 ppm	Potassium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					

B20	Selenium Solution 1000 ppm	Selenium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					
B21	Silicon Solution 1000 ppm	Silicon Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					
B22	Sodium Solution 1000 ppm	Sodium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					
B23	Strontium Solution 1000 ppm	Strontium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					
B24	Uranium Solution 1000 ppm	Uranium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					
B25	Vanadium Solution 1000 ppm	Vanadium Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					
B26	Zinc Solution 1000 ppm	Zinc Standard Solution, 1000 ppm for use on ICP	500 ml	yes	W					

B27	Ca, Mg, K, Na 1000 mg/l multi-element ICP standard	Ca, Mg, K, Na 1000 mg/l multi-element standard for use on ICP	500 ml	yes	W					
B28	Ag, Al, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, In, K, Mg, Mn, Na, Ni, Pb, Sr, Ti, Zn multi- element ICP Standard	Ag, Al, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, In, K, Mg, Mn, Na, Ni, Pb, Sr, Ti, Zn multi-element standard for use on ICP	500 ml	yes	W					
B29	Atomic Absorption hollow cathode lamp – multi- element	SpectrAA lamp, hollow cathode lamp for atomic absorption spectrometers (Co/Cr/Cu/Fe/Mn/Ni)	1 lamp	N/A	M					
B30	Atomic Absorption hollow cathode lamp – Ca/Mg	SpectrAA lamp, hollow cathode lamp for atomic absorption spectrometers (Ca/K)	1 lamp	N/A	M					
B31	Atomic Absorption hollow cathode lamp – Na/K	SpectrAA lamp, hollow cathode lamp for atomic absorption spectrometers (Na/K)	1 lamp	N/A	M					
B32	White/White pump tubing	White/White pump tubing: 3710034400	12/pack		M					

B33	Blue/Blue pump tubing	Blue/Blue pump tubing: 3710034600	12/pack		M					
B34	Seaspray Concentric Nebulizer	Seaspray Concentric Nebulizer: G8010-60255	1		M					
B35	Unfit Sampler Connector for Nebulizer	Unfit Sampler Connector for Nebulizer: G8010-80035	10		M					
B36	Nebulizer capillary tubing	Nebulizer capillary tubing: 2410020500	Per metre		M					
B37	PFA tubing for gas supply to nebulizer	PFA tubing for gas supply to nebulizer: 0890-2603	1		M					
B38	Double pass cyclonic spray chamber	Double pass cyclonic spray chamber: G8010-60256	0.5 m		M					
B39	Unfit drain connector	Unfit drain connector G8010-80036	1		M					

B40	Barb connector 1/16" to 1/8" inch	Barb connector 1/16" to 1/8" inch: 161008860	1		M					
B41	Helix seal for spray chamber	Helix seal for spray chamber: G8010- 80042	4		M					
B42	Easy-fit, demountable torch	Easy-fit, demountable torch: G8010-60236	1		M					
B43	Quartz outer tube set for G8010-60236	Quartz outer tube set for G8010- 60236: G8010- 60231	2		M					
B44	Torch clamp	Torch clamp: G8010-64140	1		M					
B45	Fused Silica Window for Axial pre-optics window	Fused Silica Window for Axial pre-optics window: G8010-68014	1		M					
B46	Fluorocarbon O- ring for Axial view pre-optic window	Fluorocarbon O-ring for Axial view pre- optic window: G8010-68014	1		M					

B47	Fused Silica Window for Radial view pre-optics window	Fused Silica Window for Radial view pre-optics window	1		M					
B48	Sample tray spillage drainage tubing	Sample tray spillage drainage tubing: 1/4in OD x1/8in 1D PVIDF	Per metre		M					
B49	Air cooling inlet filter	ICP-OES check Solution: 6610030000	1		M					
B50	ICP-OES check Solution	ICP-OES check Solution: 6610030000	500 ml	yes	W					
B51	Calibration Blank Solution	Calibration Blank Solution: 5190-7001	500 ml	yes	W					
B52	MSIS Pump Tubing – Reductant (Black/Black)	MSIS Pump Tubing – Reductant (Black/Black)	12/pack		M					
B53	MSIS Pump Tubing – Waste (Black/White)	MSIS Pump Tubing – Waste (Black/White)	12/pack		M					

B54	MSIS Reagent Tubing Kit	MSIS Reagent Tubing Kit: G8479-68100	1		M					
B55	MSIS Reaction Cone kit (complete)	MSIS Reaction Cone kit (complete): G8479-60300	1		M					
B56	0.80 mm ID Sample Probe	0.80 mm ID Sample Probe: G8410-80102	1		M					
B57	3 Tab Grey-Grey-Grey Peristaltic Pump Tubing	50 ml Sample Tubes with Screw Cap: 3710049000	12/pack		M					
B58	50 ml Sample Tubes with Screw Cap	50 ml Sample Tubes with Screw Cap: 190065200	500		M					
B59	16*125 mm Polypropylene sample tubes	16*125 mm Polypropylene sample tubes: 190049700	1000		M					
B60	Black/Black pump tubing	Black/Black pump tubing	12/pack		M					

B61	Polyclean mix 30	Polyclean mix 30 with temperature range 0 to 90 degree Celsius	1.89l		M					
B62	Argon filter	Argon filter for ICP – OES 5100	1		M					
	TOTAL OF SECTION B									

Note 2: Bidder should quote on at least 37 of the 62 (60%) of the ICP chemicals liquids / consumables to be eligible for consideration of this bid.

SECTION C: SPECTROQUANT / SPECTROPHOTOMETER TEST METHODS

Item	Spectroquant / Spectrophotometer Test Methods	Specifications	Unit	Certificate of Analyses and traceable to NIST/ Calibration	Frequent use of chemicals D = Daily W = Weekly M = Monthly 6M = 6 Monthly	Product name of chemical/consumable/ microbiological media/gasses	Unit Price (excl VAT)	Unit Price (incl VAT)	Rand of Exchange Implications (Yes/No)	Delivery period
C1	Aluminium Test Kit	Aluminium test kit, 0.02 - 1.20 mg/l (1.14825.0001 or equivalent)	box/350 tests	yes	M					
C2	Chemical Oxygen Demand (COD) Test Cells	COD cell test kit low range for SQ 118 photometer, 50-150 mg/l, 1.14540.0001 or equivalent	box/25 test	yes	D					
C3	COD Cell test Kits Medium Range	COD cell test kit Medium range for SQ 118 photometer, 25 -1 500 mg/l, 1.14541.0001 or equivalent	box/25 test	yes	D					
C4	COD Cell test Kits High Range	COD cell test kit High range for SQ 118 photometer, 500 - 10 000 mg/l,	box/25 test	yes	D					

		1.14555.0001 or equivalent								
C5	Cyanide cell test kit	Cyanide cell test kit for SQ 118 photometer, 0.010 - 0.500 mg/l, 1.14561.0001 or equivalent	box/25 test	yes	W					
C6	Fluoride cell test kit	Fluoride cell test kit for SQ 118 photometer, 0.10 - 1.50 mg/l, 1.14557.0001 or equivalent	box/25 test	yes	W					
C7	Nitrate cell test kit	Nitrate cell test kit for SQ 118 photometer, 0.5-15.0 mg/l NO3, 1.14556.0001 or equivalent	box/25 test	yes	w					
C8	Nitrate cell test kit	Nitrate cell test kit for SQ 118 photometer, 2.0-80.0 mg/l NO3, 1.14542.0001 or equivalent	box/25 test	yes	W					
C9	Nitrite cell test kit	Nitrite cell test kit for SQ 118 photometer, 0.3-2.30 mg/l NO2, 1.14547.0001 or equivalent	box/25 test	yes	W					

C10	Phenol cell test kit	Phenol cell test kit for SQ 118 photometer, 0.10 - 2.50 mg/l, 1.14551.0001 or equivalent	box/25 test	yes	W					
C11	Silicate cell test kit	Silicate (Silicic acid) test (1.14794.0001) 0.005 - 5.0 mg/l Si or equivalent	box for 300 tests	yes	W					
C12	Sulphate cell test kit	Sulphate cell test kit for SQ 118 photometer, 5.0 - 250.0 mg/l SO42-, 1.14548.0001 or equivalent	box/25 test	yes	M					
C13	Sulphite cell test kit	Sulphite cell test kit for SQ 118 photometer, 1.0 - 20. mg/l SO32-, 1.14394.0001 or equivalent	box/25 test	yes	M					
C14	Phosphate cell test kit		box/25 test	yes	M					
C15	Fluoride Standard Solution 1000 ppm, for use of calibration and Quality Check	Fluoride Standard solution 1000 ppm, for use in calibration and quality check	500 ml	yes	W					
C16	COD Standard Solution 20 mg/l	COD Standard Solution 20	500 ml	yes	D					

		mg/l for Quality Check								
C17	COD Standard Solution 100 mg/l	COD Standard Solution 100 mg/l for Quality Check	500 ml	yes	D					
C18	COD Standard Solution 200 mg/l	COD Standard Solution 200 mg/l for Quality Check	500 ml	yes	D					
C19	COD Standard Solution 400 mg/l	COD Standard Solution 400 mg/l for Quality Check	500 ml	yes	D					
C20	COD Standard Solution 1000 mg/l	COD Standard Solution 1000 mg/l for Quality Check	500 ml	yes	D					
C21	COD Standard Solution 2000 mg/l	COD Standard Solution 2000 mg/l for Quality Check	500 ml	yes	D					
C22	COD Standard Solution 8000 mg/l	COD Standard Solution 8000 mg/l for Quality Check	500 ml	yes	D					
C23	Sulphate Standard Solution 40 mg/l	Sulphate Standard Solution 40 mg/l Quality Check	500 ml	yes	W					
C24	Sulphate Standard Solution 125 mg/l	Sulphate Standard Solution 125 mg/l for Quality Check	500 ml	yes	W					
C25	Sulphate Standard Solution 400 mg/l	Sulphate Standard Solution 400	500 ml	yes	W					

		mg/l for Quality Check								
C26	Sulphate Standard Solution 800 mg/l	Sulphate Standard Solution 800 mg/l	500 ml	yes	W					
C27	Sulphate Standard Solution 1000 mg/l	Sulphate Standard Solution 1000 mg/l for Quality Check	500 ml	yes	W					
C28	MN – NANOCOLOR COD 160 Tube test	MN – NANOCOLOR or equivalent COD 160 Tube test measuring range: 15-160 mg/l O ₂ (Low)	20 Tests	N/A	D					
C29	MN – NANOCOLOR COD 1500 Tube test	MN – NANOCOLOR or equivalent COD 1500 Tube test measuring range: 100-1500 mg/l O ₂ (Medium)	20 Tests	N/A	D					
C30	MN – NANOCOLOR COD 15000 Tube test	MN – NANOCOLOR or equivalent COD 15000 Tube test measuring range: 1.0-15.0 g/L O ₂ (High)	20 Tests	N/A	D					
C31	COD Solution A	COD Solution A 1.14538.0065 for use with SQ 118	65 ml	yes	W					

		photometer (for ranges 10-150 mg/l)								
C32	COD Solution B	COD Solution B 1.14539.0495 for use with SQ 118 photometer (for ranges 100-1500 mg/l)	495 ml	yes	W					
C33	COD Solution B	COD Solution B 1.14580.0495 for use with SQ 118 photometer (for ranges 500-10000 mg/l)	495 ml	yes	W					
C34	COD Solution A	COD Solution A 1.14579.0065 for use with SQ 118 photometer (for ranges 500-10000 mg/l)	495	yes	W					
C35	COD Solution B	COD Solution B 1.14582.0065 for use with SQ 118 photometer (for ranges 10-150 mg/l)	495 ml	yes	W					

C36	Photocheck for spectroquant Pharo	Photocheck for spectroquant Pharo 1.14693.0001		yes	W					
C37	Pipecheck for spectroquant Pharo	Pipecheck for spectroquant Pharo 1.14962.0001		yes	W					
C38	Empty cells for chemical oxygen demand (COD) solutions	Empty cells for chemical oxygen demand (COD) solutions for use in SQ 118 photometer, 16mm, with screw caps (1.14724.0001 or equivalent)	Box/25	N/A	D					
	TOTAL OF SECTION C									

Note 3: Bidder should quote on at least 24 of the 38 (60%) of the spectroquant / spectrophotometer test methods to be eligible for consideration of this bid.

SECTION D: SAMPLE BOTTLES AND GLOVES

Item	Sample Bottles and Gloves	Specifications	Unit	Certificate of Analyses and traceable to NIST/ Calibration	Frequent use of chemicals D = Daily W = Weekly M = Monthly 6M = 6 Monthly	Product name of chemical/ consumable/ microbiological media/gasses	Unit Price (excl VAT)	Unit Price (incl VAT)	Rand of Exchange Implications (Yes/No)	Delivery period
D1	1litre sample bottles	1 litre transparent plastic milk sample bottles with screw caps, mouth opening > 20 mm	Each	N/A	D					
D2	2litre sample bottles	2 litre transparent rectangular plastic sampling bottles with screw caps, mouth opening > 20mm	Each	N/A	W					
D3	100ml plastic bottle	100 ml Made of polypropylene, Autoclave at 121°C, Outlet diameter 48mm, Mouth diameter 24mm with lids	Each	N/A	W					
D4	Prescribed detergents for washing of glassware which is neutral in pH, O-PO4 and NH3 – PLEASE SPECIFY BELOW	Prescribed detergents for washing of glassware which is neutral in pH, O-PO4 and NH3 .	25 litres	yes	D					

D5	Nitrile gloves	Nitrile gloves, powder free, Latex free Small	100/pack		D					
D6	Nitrile gloves	Nitrile gloves, powder free, Latex free medium	100/pack		D					
D7	Nitrile gloves	Nitrile gloves, powder free, Latex free Large	100/pack		D					
D8	Latex gloves	Powdered, non-sterile latex gloves/examination gloves	100/box medium, 100/box small, 100/box large	N/A	D					
D9	Miele neodisher powder detergent	Miele Neodisher A8 phosphate free powder detergent (10 kg) for Mielabor G 7783 glass washing machine	10 kg	yes	D					
	TOTAL OF SECTION D									

Note 4: Bidder should quote on at least 5 of the 9 (60%) of the Sample bottles and Gloves to be eligible for consideration of this bid.

SECTION E: CONSUMABLES

Item	Consumables	Specifications	Unit	Certificate of Analyses and traceable to NIST/ Calibration	Frequent use of chemicals D = Daily W = Weekly M = Monthly 6M = 6 Monthly	Product name of chemical/ consumable/ microbiological media/gasses	Unit Price (excl VAT)	Unit Price (incl VAT)	Rand of Exchange Implications (Yes/No)	Delivery period
E1	Glass beaker, 1000ml	Glass beaker, graduated, 1000ml, squat/spouted, short form, 105mm outer diameter, 145mm height, grade A glass	Each	N/A	M					
E2	Glass beaker, 2000ml	Glass beaker, graduated, 2000ml, squat/spouted, short form, 105mm outer diameter, 145mm height, grade A glass	Each	N/A	M					
E3	Glass Crystalizing Dishes	Glass crystallizing dishes, 150 ml, 80mm outer diameter, 45 mm height, grade A Glass	Each	N/A	M					
E4	Porcelain evaporating Dishes	Evaporating porcelain dishes, 110x45mm, 225 ml, porcelain	Each	N/A	M					
E5	Test tubes, 16 mm diameter	Test tubes, glass, rim 16 mm diameter, 150 mm height	Each	N/A	M					
E6	Test tubes, 18 mm diameter	Test tubes, glass, rim 18 mm diameter, 150 mm height	Each	N/A	M					

E7	Separating funnels, 250 ml	Separating funnels, 250 ml, G/S/C, Grade a glass each	250 ml	yes	M					
E8	Funnel Plastic	Funnels used for filtering sample preparations	250mm	N/A	M					
E9	Funnel Plastic	Funnels used for filtering sample preparations	80mm	N/A	M					
E10	Biosart sterile funnel 250 ml	Autoclavable biosart sterile funnel with 45mm diameter ml bottom	250 ml	N/A	M					
E11	Combitips for Eppendorfs	Funnels used for filtering sample preparations	5 ml	N/A	M					
E12	Combitips for Eppendorfs	Funnels used for filtering sample preparations	12,5 ml	N/A	M					
E13	Cleaning Brushes for Flasks and bottles	Wooden Handle	35 mm	N/A	D					
E14	Cleaning Brushes for glassbeakers	Wooden Handle		N/A	D					
E15	Rectangular Cell 10mm	Rectangular Cell 10mm 1.14946.0001		N/A	W					
E16	Rectangular Cell 20mm	Rectangular Cell 10mm 1.14947.0001		N/A	W					
E17	Rectangular Cell 20mm	Rectangular Cell 10mm 1.14944.0001		N/A	W					
E18	Glass Beaker (150 ml)	Glass Beaker 150 ml Graduated spouted	150 ml	N/A	M					
E19	Glass Beaker (250 ml)	Glass Beaker 250 ml Graduated spouted	250 ml	N/A	M					

E20	Glass Beaker (500 ml)	Glass Beaker 500 ml Graduated spouted	500 ml	N/A	M					
E21	Glass Beaker (1000 ml)	Glass Beaker 1000 ml Graduated spouted	1000 ml	N/A	M					
E22	Glass Pipette 1 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	1 ml	yes	M					
E23	Glass Pipette 2 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	2 ml	yes	M					
E24	Glass Pipette 5 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	5 ml	yes	M					
E25	Glass Pipette 10 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	10 ml	yes	M					
E26	Glass Pipette 15 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	15 ml	yes	M					
E27	Glass Pipette 20 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	20 ml	Yes	M					
E28	Glass Pipette 25 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	25 ml	yes	M					
E29	Glass Pipette 30 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	30 ml	yes	M					

E30	Glass Pipette 50 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	50 ml	yes	M					
E31	Glass Pipette 100 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	100 ml	yes	M					
E32	Glass volumetric flasks, 10 ml	Glass volumetric flask, 10 ml, with stoppers, Graduated grade A glass	10 ml	yes	M					
E33	Glass volumetric flasks, 25 ml	Glass volumetric flask, 25 ml, with stoppers, Graduated grade A glass	25 ml	yes	M					
E34	Glass volumetric flasks, 50 ml	Glass volumetric flask, 50 ml, with stoppers, Graduated grade A glass	50 ml	yes	M					
E35	Glass volumetric flasks, 100 ml	Glass volumetric flask, 100 ml, with stoppers, Graduated grade A glass	100 ml	yes	M					
E36	Glass volumetric flasks, 200 ml	Glass volumetric flask, 200 ml, with stoppers, Graduated grade A glass	200 ml	yes	M					
E37	Glass volumetric flasks, 250 ml	Glass volumetric flask, 250 ml, with stoppers, Graduated grade A glass	250 ml	Yes	M					
E38	Glass volumetric flasks, 500 ml	Glass volumetric flask, 500 ml, with stoppers, Graduated grade A glass	500 ml	Yes	M					
E39	Glass volumetric flasks, 1000 ml	Glass volumetric flask, 1000 ml, with stoppers, Graduated grade A glass	1000 ml	yes	M					

E40	Glass volumetric flasks, 2000 ml	Glass volumetric flask, 2000 ml, with stoppers, Graduated grade A glass	2000 ml	yes	M					
E41	Glass volumetric flasks, 5000 ml	Glass volumetric flask, 5000 ml, with stoppers, Graduated grade A glass	5000 ml	yes	M					
E42	Buchner Funnel	Buchner funnel, Porcelain, 90mm, with fitted rubber stopper, which needs to be inserted in a 2 litre vacuum flask	Each	N/A	M					
E43	Vacuum Flask	Vacuum flask, suitable for the Buchner funnel and rubber stopper	1000 ml	N/A	M					
E44	Vacuum Flask	Vacuum flask, suitable for the Buchner funnel and rubber stopper	2000 ml	N/A	M					
E45	Vacuum Flask	Vacuum flask, suitable for the Buchner funnel and rubber stopper	1000 ml	N/A	M					
E46	Vacuum Flask	Vacuum flask, to be used for micro filtrations	2000 ml	N/A	M					
E47	Bottle Top Dispensers	Bottle Top Dispensers	1-5 ml	N/A	M					
E48	Bottle Top Dispensers	Bottle Top Dispensers	1-10 ml	N/A	M					
E49	10 ml sample tubes poly prop	poly prop 17mm X 130 mm	1000/pack	N/A	M					
E50	50 ml centrifuge tube	medical grade polypropylene	25/pack	N/A	M					

E51	25l Polyprop water drums with taps	Polyprop water drums with taps	25 l		M					
E52	Spoon Spatula	Autoclavable spoon Spatula made of 18/10 rust proof stainless steel 25mm diameter	Spoon Spatula		M					
E53	Dosing Spatula	Autoclavable dosing spatula made of stainless steel and plastic handle, blade L 50X	Dosing Spatula		M					
E54	Schott Bottle 500 ml	Autoclavable schott bottle with lid 500 ml	500 ml		M					
E55	Schott Bottle 1000 ml	Autoclavable schott bottle with lid 1000 ml	1000 ml		M					
E56	Biosart sterile funnel 250 ml	Autoclavable biosart sterile funnel with 45mm diameter ml bottom	60 mm		M					
E57	Glass Petridish 60mm diameter	Petridish Glass 60mm diameter with lid	60mm diameter		M					
E58	weighing bottle with lid , L/F 35d x 30h	weighing bottle with lid , L/F 35d x 30h	15ml		M					
E59	weighing bottle with lid , L/F 50d x 30h	weighing bottle with lid , L/F 50d x 30h	30ml		M					
E60	weighing bottle with lid , L/F 60d x 30h	weighing bottle with lid , L/F 60d x 30h	45 ml		M					
	TOTAL OF SECTION E									

Note 5: Bidder should quote on at least 36 of the 60 (60%) of the consumables to be eligible for consideration of this bid.

SECTION F: FILTER PAPER & MICROBIOLOGY

Item	Filter papers and Microbiology	Specifications	Unit	Certificate of Analyses and traceable to NIST/ Calibration	Frequent use of chemicals D = Daily W = Weekly M = Monthly 6M = 6 Monthly	Product name of chemical/ consumable/ microbiological media/gasses	Unit Price (excl VAT)	Unit Price (incl VAT)	Rand of Exchange Implications (Yes/No)	Delivery period
F1	MN 615 240mm	Macherey-Nagel or equivalent Filter paper 615 – 240 mm	box/100	N/A	D					
F2	MN 85/90 GF/C 9 cm	Macherey-Nagel or equivalent Glass Fibre Filter Paper MN 85/90 – 9 cm (Specs: Thickness = 0.40mm, basis weight = 90 g/m2, filtration speed air = 15 s, particle retention = 0.5 µm, organic binder)	box/25 or box/100	N/A	D					
F3	MN 18.5 cm	Macherey-Nagel or equivalent Ashless Filter Paper MN 640we – 18.5 cm (Specs: Thickness = 0.22mm, basis weight = 85 g/m2,	box/100		D					

		Filtration speed = 5s								
F4	Monochloramine reagent	Hach DPD Monochlor F Reagent	Pack / 100 pillows	yes	D					
F5	Free Chlorine Reagent Kit	HACH DPD Chlorine Free	Pack/1000 pillows	yes	D					
F6	Total Chlorine Reagent Kit	HACH DPD Chlorine Total	Pack/100 pillows	yes	D					
F7	Sterile microbiological sample bag	Whirlpack or equivalent sterile microbiological sample bags without sodium thiosulphate, plain, 18 Oz with writing strip	Box/500	N/A	D					
F8	Sterile filter membranes	Membrane filters 0.45µm with 47mm diameter. White membranes with black grid. Sterile and individually packed without absorbent pads	Box/1000	N/A	D					
F9	Sterile micro bottles	Sterile micro bottles (500 ml) with sodium thiosulphate	Each	N/A	D					
F10	Chlorine test kit (full kit)	Viso HE or equivalent full chlorine test kit (0.02 -0.60 mg/l)	Each	N/A	D					
F11	Chlorine test kit (refill kit)	Viso HE or equivalent refill chlorine test kit (0.02 -0.60 mg/l)	Each	N/A	D					

F12	Petrifilm Aerobic Count Plate	3M Petrifilm Aerobic Count Plate for enumeration of aerobic bacteria in food and beverage industries	100/pack	N/A	D					
F13	Petridishes	Petri dishes, 65mm, sterile, disposable, plastic	750/pack	N/A	D					
F14	m-Fc agar	Biolab or equivalent m-Fc Agar, detection and enumeration of faecal coliforms by the membrane filtration technique (Ingredients: Tryptone 10.0 g/l, Peptone 5.0 g/l, Yeast extract 3.0 g/l, sodium chloride 5.0 g/l, lactose 12.5 g/l, bile salts no.3 1.5g/l, Aniline Blue 0.1 g/l, Agar 13.0 g/l)	500 g	yes	D					
F15	MacConkey agar purple	Biolab or equivalent MacConkey Agar Purple, medium used in the membrane filtration method of testing and	500 g	yes	D					

		counting of presumptive coliform and Escherichia coli in water samples (Ingredients: Peptone 10.0 g/l, Lactose 30.0 g/l, sodium chloride 5.0 g/l, bile salts no.3 1.5 g/l, bromocresol purple 0.12 g/l, agar 12.0 g/l)								
F16	M-Enterococcus Agar	Difco or equivalent, M-Enterococcus Agar, base for isolating and enumerating enterococci in water by membrane filtration method (Ingredients: Tryptose 20.0 g/l, Yeast extract 5.0 g/l, Dextrose 2.0 g/l, Dipotassium phosphate 4.0 g/l, Sodium azide 0.4 g/l, Agar 10.0 g/l, 2,3,5-Triphenyl Tetrazolium Chloride 0.1 g/l)	500 g	yes	D					
F17	Microsystins tube kits	Test kits used for determination of Total microcystin on photometer,			D					

		product number 520012A								
	TOTAL OF SECTION F									

Note 6: Bidder should quote on at least 10 of the 17 (60%) of the Filter Papers and Microbiology to be eligible for consideration of this bid.

SECTION G: COLITAG, COLILERT AND AGAR PLATES

Item	Colitag, Colilert and Agar Plates	Specifications	Unit	Certificate of Analyses and traceable to NIST/ Calibration	Frequent use of chemicals D = Daily W = Weekly M = Monthly 6M = 6 Monthly	Product name of chemical/ consumable/ microbiological media/gasses	Unit Price (excl VAT)	Unit Price (incl VAT)	Rand of Exchange Implications (Yes/No)	Delivery period
G1	Colitag Test Kit (Media), P/A, 100mL format, 100/pk	4600-0013 Colitag Test Kit (Media), P/A, 100mL format	100/Pack		D					
G2	PLATEFILM100 Plate, iMPN, with film, 100/pk	4600-PLATEFILM100 Plate, iMPN, with film	100/Pack		D					
G3	Colitag Vessel, 100ml with Sodium Thiosulfate	4600-0121C Colitag Vessel, 100ml with Sodium Thiosulfate	100/Pack		D					
G4	Sealing Tool Roller	4600-ST Sealing Tool Roller	1		D					
G5	MacConkey NPS	Used for determination of E-coli and Coliform, type 14097	100/pack	yes	D					
G6	Mm FC NPS	Used for determination of E-coli and Coliform, type 14068	100/pack	yes	D					
G7	Tepool NPS	Used for determination of E-	100/pack	yes	D					

		coli and Coliform, type 14067								
G8	Azide NPS	Used for determination of Enterococcus faecalis and Enterococci , type 14051	100/pack	yes	D					
G9	Bismuth sulfite NPS	Used for determination of Salmonella typhosa streak, type 14052	100/pack	yes	D					
G10	Centrimide NPS	Used for determination of Pseudomonas aeruginosa, type 14075	100/pack	yes	D					
G11	KLEBSIELLA PNEUM ATCC 31488	KLEBSIELLA PNEUM ATCC 31488, MI0261K or equivalent, for E-coli analyses	6/pack	yes	D					
G12	Klebsiella pneumoniae subsp. ATCC 10031	Klebsiella pneumoniae subsp. ATCC 10031	6/pack	yes	D					
G13	ESCHERICHIA COLI ATCC # 8739	ESCHERICHIA COLI ATCC # 8739 MI0483K or equivalen, for Feacal Coliform analyses	6/pack	yes	D					
G14	ESCHERICHIA COLI ATCC 51813	ESCHERICHIA COLI ATCC 51813 or equivalen, for Feacal Coliform analyses	6/pack	yes	D					
G15	Staphylococcus aureus subsp.	Staphylococcus aureus subsp. aureus ATCC®	6/pack	yes	D					

	aureus ATCC® 25923™*	25923™* MI0360K or equivalent, for total coliform analyses								
G16	Echerichia coli derived from ATCC 25922	Echerichia coli derived from ATCC 25922	6/pack	yes	D					
G17	Enterococcus faecalis derived from ATCC 29212	Enterococcus faecalis derived from ATCC 29212	6/pack	yes	D					
G18	Kocuria rhizophila ATCC® 9341™*	Kocuria rhizophila ATCC® 9341™* MI0688K or equivalent, for Heterotrophic plate count	6/pack	yes	D					
G19	ENTEROCOCCUS FAECALIS ATCC # 19433	ENTEROCOCCUS FAECALIS ATCC # 19433 MI0367K or equivalent, for Fecal Streptococci	6/pack	yes	D					
G20	ENTEROBACTER AEROGENES ATCC 13048	ENTEROBACTER AEROGENES ATCC 13048 MI0306K or equivalent	6/pack	yes	D					
G21	Crystal violet reagent	Crystal violet reagent	250g	yes	D					
G22	Safranin-O dye	Safranin-O dye	500 ml	yes	D					
G23	Basic fuchsin	Basic fuchsin	250g	yes	D					
	TOTAL OF SECTION G									

Note 7: Bidder should quote on at least 14 of the 23 (60%) of the Colitag, Colilert and Agar Plates to be eligible for consideration of this bid.

SECTION H: pH, CONDUCTIVITY & TURBIDITY STANDARDS

Item	pH, Conductivity & Turbidity Standards	Specifications	Unit	Certificate of Analyses and traceable to NIST/ Calibration	Frequent use of chemicals D = Daily W = Weekly M = Monthly 6M = 6 Monthly	Product name of chemical/ consumable/ microbiological media/gasses	Unit Price (excl VAT)	Unit Price (incl VAT)	Rand of Exchange Implications (Yes/No)	Delivery period
H1	pH Buffer 4	pH Buffer 4, for use of calibration and Quality Check	500 ml	yes	W					
H2	pH Buffer 7	pH Buffer 7, for use of calibration and Quality Check	500 ml	yes	W					
H3	pH Buffer 10	pH Buffer 10, for use of calibration and Quality Check	500 ml	yes	W					
H4	Ammonia (NH3) loose membranes	Ammonia loose membranes for thermo Orion Ammonia gas sensing electrode for Orion IonAnalyzer EA 940 for ion-selective	Pack/20	N/A	W					

		determination of ammonia								
H5	Potassium Chloride (KCl) Buffer Solution	3mol/l KCl, saturated AgCl electrode filling solution, reference potential controlled (25°C), with quality control certificate for Mettler Toledo DL50 (250 ml)	250 ml	yes	W					
H6	Ammonia (NH3) Ag/AgCl filling solution	Standard line Ag/AgCl electrode filling solution for 9609BN (60ml)	60 ml	yes	W					
H7	Turbidity standards, 0.1 NTU	Turbidity Standard, 0.1 NTU (100ml dark bottle)	100 ml	yes	D					
H8	Turbidity standards, 1 NTU	Turbidity Standard, 1 NTU (100ml dark bottle)	100 ml	yes	D					
H9	Turbidity standards, 1000 NTU	Turbidity Standard, 1000 NTU (100ml dark bottle)	100 ml	yes	D					
H10	Bante 510 Conductivity electrode	Bante 510 CN, Con-1 Conductivity electrode with	1		M					

		DV9V power adaptor								
H11	pH-electrode	Orion or equivalent pH-electrode replacement 9157BNMD - refillable pH/ATC epoxy body with Ag/AgCl reference	Each	N/A	M					
	TOTAL OF SECTION H									

Note 8: Bidder should quote on at least 7 of the 11 (60%) of the pH, Conductivity & Turbidity Standards to be eligible for consideration of this bid.

SECTION I: GASSES FOR ICP AND AA

Item	Gasses for ICP and AA	Specifications	Unit	Certificate of Analyses and traceable to NIST/ Calibration	Frequent use of chemicals D = Daily W = Weekly M = Monthly 6M = 6 Monthly	Product name of chemical/ consumable/ microbiological media/gasses	Unit Prices	Rand of Exchange Implications (Yes/No)	Delivery period
11	Acetylene gas including rental and delivery	Acetylene Gas, High Purity (Instrument Grade), 8.6 kg for use on SpectrAA 250 Plus for heavy metal detection	Cylinder of 8.6 kg	N/A	W		Unit Price (Excl. VAT)		
							Unit Price (Incl. VAT)		
							Rental Cylinder p/m (Excl. VAT)		
							Rental Cylinder p/m (Incl. VAT)		
							Delivery costs		
							Collection costs		

I2	Argon HP 5.0 gas including rental and delivery	Argon Gas, High purity (instrument grade, 16.5 kg for use on ICP	16,5kg	N/A	W		Unit Price (Excl. VAT)		
							Unit Price (Incl. VAT)		
							Rental Cylinder p/m (Excl. VAT)		
							Rental Cylinder p/m (Incl. VAT)		
							Delivery costs		
							Collection costs		
I3	Nitrous Oxide Gas including rental and delivery	Nitrous Oxide Gas, High Purity (Instrument Grade), 31.3 kg for use on SpectrAA 250 Plus for heavy metal detection	Cylinder of 31.3 kg	N/A	W		Unit Price (Excl. VAT)		
							Unit Price (Incl. VAT)		

							Rental Cylinder p/m (Excl. VAT)		
							Rental Cylinder p/m (Incl. VAT)		
							Delivery costs		
							Collection costs		
	TOTAL OF SECTION I								

Note 9: Bidder should quote on at least 3 of the 3 (100%) of the gasses for ICP and AA to be eligible for consideration of this bid.

SECTION J: ACIDS & CHEMICAL SUBSTANCES

Item	Acids, & Chemicals Substances	Specifications	Unit	Certificate of Analyses and traceable to NIST/ Calibration	Frequent use of chemicals D = Daily W = Weekly M = Monthly 6M = 6 Monthly	Product name of chemical/ consumable/ microbiological media/gasses	Unit Price (excl VAT)	Unit Price (incl VAT)	Rand of Exchange Implications (Yes/No)	Delivery period
J1	Methyl Orange Indicator	Methyl Orange AR grade	250g	yes	M					
J2	Disodium tetraborate decahydrate	Disodium tetraborate decahydrate , AR Grade	500 g	yes	M					
J3	Potassium Chloride	Potassium Chloride, AR Grade, plastic container	500 g	yes	W					
J4	Sodium Chloride	Sodium Chloride, AR grade, plastic container	500 g	yes	W					
J5	Sodium Hydroxide	Sodium Hydroxide, AR Grade, plastic container	5 kg	yes	M					
J6	Hydrochloric acid	Hydrochloric acid, 32, AR grade, glass bottle	2.5 litre	yes	W					
J7	Nitric Acid	Nitric acid, 55%, AR grade, glass bottle	2.5 litre	yes	W					
J8	Hydrochloric acid	Hydrochloric acid, 32, AR grade, glass bottle	2.5 litre	yes	W					

J9	Nitric Acid	Nitric acid, 55%, AR grade, glass bottle	2.5 litre	yes	W					
J10	Sulphuric Acid	Sulphuric Acid, 98%, glass bottle, AR grade	2.5 litre	yes	W					
J11	Acetone	Acetone, CP grade, plastic bottle	2.5 litre	yes	D					
J12	Ethanol	Ethanol, 99.9%, AR grade, glass bottle	2.5 litre	yes	W					
J13	Petroleum Ether, 30-60°C	Petroleum Ether, 30-60°C, glass bottle, AR Grade	2.5 litre	yes	W					
J14	Silver Nitrate	Silver Nitrate, AR Grade, Plastic container	500 g	yes	D					
J15	Methanol	Methanol, AR Grade, 2.5lt, GB (C55202183)	2.5 litre	yes	M					
J16	Butanol	Butan-1-ol, AR grade, glass bottle	2.5 litre	yes	M					
J17	Chloroform	Chloroform, AR grade, glass bottle	2.5 litre	yes	M					
J18	Phenolphthalein	Indicator	100 ml	yes	M					
J19	Thymol blue	Indicator	100 ml	yes	M					
J20	Potassium Chromate Indicator	Indicator	500g	yes	D					
	TOTAL OF SECTION J									

Note 10: Bidder should quote on at least 12 of the 20 (60%) of the Acids and Chemical Substances to be eligible for consideration of this bid.

SECTION K: ALKALI'S & OTHER CHEMICAL SUBSTANCES

Item	Alkali's & other chemicals Substances	Specifications	Unit	Certificate of Analyses and traceable to NIST/ Calibration	Frequent use of chemicals D = Daily W = Weekly M = Monthly 6M = 6 Monthly	Product name of chemical/ consumable/ microbiological media/gasses	Unit Price (excl VAT)	Unit Price (incl VAT)	Rand of Exchange Implications (Yes/No)	Delivery period
K1	Ammonium Molybdate Tetrahydrate	Ammonium Molybdate Tetrahydrate, AR Grade	500 g	yes	6M					
K2	Ammonium Sulphate	Ammonium Sulphate, AR Grade, plastic container	500 g	yes	6M					
K3	Ammonium oxalate	Ammonium oxalate	250g	yes	6M					
K4	Ascorbic Acid	Ascorbic Acid, AR Grade, plastic container	500 g	yes	6M					
K5	Boric Acid Powder	Boric Acid powder, AR Grade, plastic container	500 g	yes	6M					
K6	Citric Acid Anhydrate	Citric Acid Anhydrate, AR Grade, plastic container	500 g	yes	6M					
K7	Cellulose microcrystalline for thin layer chromatography	Cellulose microcrystalline for thin layer chromatography	500 g	yes	6M					
K8	Chloramine T	Chloramine -T trihydrate AR grade	250 g	yes	6M					
K9	Sulfa Ver 4 Sulphate	HACH or equivalent, Sulfaver 4 PP	Pack / 1000 pillows	yes	6M					

	Reagent Powder Pillows	reagent powder 12065-99 (Specs: Contains Barium Chloride and Citric Acid)								
K10	Sodium Carbonate	Sodium Carbonate, AR grade, plastic container	500 g & 5 kg	yes	6M					
K11	Potassium Iodide	Potassium Iodide, AR Grade, plastic container	500 g	yes	6M					
K12	Potassium Sulphate	Potassium Sulphate, AR Grade, plastic container	5 kg	yes	6M					
K13	Sodium Borohydride	Sodium Borohydride, AR grade, plastic container	100g	yes	6M					
K14	Sodium Thiosulphate Anhydrous	Sodium Thiosulphate, anhydrous, AR Grade, plastic container	500 g	yes	6M					
K15	Ammonium Chloride	Used for calibration and Quality Control Check	5000 g	yes	6M					
K16	Potassium Hydrogen Phthalate	Potassium Hydrogen Phthalate, AR Grade	500 g	yes	6M					
K17	Potassium Nitrate	Potassium Nitrate, AR Grade, plastic container	500 g	yes	6M					
K18	Mercuric Oxide Red	Mercuric Oxide Red, AR Grade, Plastic container	500 g	yes	6M					
	TOTAL OF SECTION K									

Note 11: Bidder should quote on at least 11 of the 18 (60%) of the alkali's & other chemical substances to be eligible for consideration of this bid.

RAND OF EXCHANGE (ROE) AS INDICATED ON PRICING SCHEDULE AT CLOSING DATE OF TENDER:

DATE	CURRENCY	RAND OF EXCHANGE

Note 12: Service providers are obliged to complete at least 60% (except for Section I which should be 100%) in each section in order to be eligible for consideration of this bid.

Note 13: Prices to be stated in Rand value.

Note 14: Should chemicals or consumables be dependable on ROE please indicate items to be purchased on foreign currency needs.

Note 15: Applicable foreign exchange currency (ROE) to be confirmed by the bidder at the time of closure of the tender. The current ROE should be used at the time of ordering, where applicable

9. ESCALATION

Bidders must note that bid price (s) will be in line with the CPI escalation and subject to approval by the Accounting Officer.

PERIOD ONE (1)

⇒ Bid price(s) must be fixed for the first 12 months after the base month with base month being one month prior to closing date.

PERIOD TWO (2)

⇒ Bid price(s) is/are subject to escalation of CPI for the following 12 months with the base month being 12th month of period **ONE (1)**.

PERIOD THREE (3)

⇒ Bid price(s) is/are subject to escalation of CPI for the following 12 months with the base month being 12th of period **TWO (2)**.

Signature of Bidder

Date

BID CHECKLIST

This list is aimed at assisting all bidders to submit complete bid documents.

Bidders are to check the following points before the submission of their tender document and to complete YES/NO next to each item as an indication that the bidder has complied with the provision of the item concerned. If any of the items are marked as NO – it might lead to the disqualification of your bid.

ITEM	DESCRIPTION	YES	NO
1.	Bidder must attach the Central Supplier Database (CSD) Registration report.		
2.	The bidding entity as well as all its directors/shareholders must submit Municipal account not more than three (03) months / ninety (90) days plus in arrears at the time of the closing date. No bid will be awarded to a company and its directors that owe more than three (3) months charges to any municipality or metro.		
3.	<p>A valid lease agreement which is in the name of the business and or directors /shareholders, which must stipulate who is responsible for payment of Municipal services;</p> <p>(Copy of the lease agreement will only be accepted if water and lights are part of lease payment). Or</p> <p>If the Bidding Entity operates from informal settlement and is not responsible for Municipal account/services.</p> <ul style="list-style-type: none"> The bidder must submit confirmation on Municipality/Metro letterhead signed and stamped from the ward councilor/delegate or <p>If the Bidding Entity operates from parents' place and is not responsible for Municipal account:</p> <ul style="list-style-type: none"> The bidder must submit the property owner's Municipal account and a Sworn Affidavit of the property owner with and original stamp from the Commissioner of Oaths. 		
4.	All pages of the bid document have been read by the bidder and the returnable schedules and MBD 's forms duly completed and signed. e.g. MBD1, MBD 4 , MBD 6.1, MBD 8 AND MBD 9.		
5.	All pages requiring information have been completed in full and in black ink.		
6.	No pages removed from the tender document		
7.	A copy of the resolution of your Board of Directors, similar to the attached specimen, authorizing the signatory to sign the tender and the subsequent contracts, has been attached and signed.		
8.	JV agreement has been attached and signed (if applicable)		

9.	In case of any amendments made, was it signed in full by the authorized signatory? Please note that the use of tipp-ex will lead to immediate disqualification.		
10.	Please declare any interest as required in terms of MBD - 4 truthfully and correctly as incorrect declarations are considered a criminal offence. <ul style="list-style-type: none"> ▪ Personal Tax Numbers included ▪ State Employee Number / Persal Number ▪ Identity number ▪ Name 		
11.	Please take note of the functionality evaluation criteria that will be applied to your submission in order to ensure that your company has the necessary capacity and capability to successfully execute this tender, if appointed. Ensure that sufficient information is included in your submission to ensure successful evaluation of your bid.		

PLEASE NOTE:

- ❖ No contract will be awarded to a service provider, if the service provider or its directors are in arrears with their municipal accounts for more than three (3) months.
- ❖ In case of a Joint Venture, please note that individual documents have to be submitted for all parties in the JV, such as tax clearance certificates, municipal accounts, etc.
- ❖ No communication with Mogale City Municipal officials are allowed after the closing date of the tender. The only authorized form of communication will be through the Supply Chain Management Office email address at SCMEnquiries@mogalecity.gov.za