



Ref:(SCM)

Enquiries: email: scmenquiries@mogalecity.gov.za

REQUEST FOR FORMAL WRITTEN PRICE QUOTATIONS

**Procurement from R30 000.00 up to a transaction value of R 300 000.00 (including Vat)
(For publication on Mogale City Website and Notice Boards)**

Kindly furnish Mogale City Local Municipality with a written quotation on the goods listed hereunder:

QUOTATION NUMBER	IDS (W&S) 16/2024
ADVERT DATE	07 MAY 2024
CLOSING DATE AND TIME	14 MAY 2024 @ 11:00
DESCRIPTION OF GOODS / SERVICES	QUOTATIONS ARE HEREBY INVITED FROM PROSPECTIVE SERVICE PROVIDER/S FOR THE COLLECTION, TRANSPORTATION AND DISPOSAL OF GLASSWARE, CHEMICAL AND BIOLOGICAL WASTE AT THE SCIENTIFIC & QUALITY CONTROL LABORATORY – MOGALE CITY LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR TWELVE (12) MONTHS.
DEPARTMENT	INFRASTRUCTURE DEVELOPMENT SERVICES – WATER & SANITATION- WASTEWATER NETWORKS.
ENQUIRIES:	Email: scmenquiries@mogalecity.gov.za
<p>THE QUOTATION MUST BE SUBMITTED ON THE OFFICIAL QUOTATION DOCUMENT (INCLUDING ALL THE REQUIRED ANNEXURES) AND MUST BE DELIVERED BY HAND BEFORE THE OFFICIAL CLOSING DATE AND TIME TO:</p> <p>THE SCM UNIT OF MCLM CIVIC CENTRE CORNER MARKET & COMMISSIONER STREETS, KRUGERSDORP UPPER-LEVEL WEST WING TENDER BOX</p>	

NAME OF BIDDING ENTITY: _____

NAME OF BIDDING ENTITY REPRESENTATIVE: _____

PHYSICAL ADDRESS OF BIDDING ENTITY: _____

POSTAL ADDRESS OF BIDDING ENTITY: _____

CONTACT DETAILS OF BIDDING ENTITY: Tel: _____ Cell: _____

E-MAIL ADDRESS: _____

THE FOLLOWING CONDITIONS WILL APPLY:

**A. MANDATORY DOCUMENTS:
(IF NOT PROVIDED THE QUOTATION 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.
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/ director/s property is new and has not been registered nor has 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. Completed and Signed Schedule of Pricing as issued in the document.
9. 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 quotation documents.
10. Completed and signed the below Municipal Bidding Documents:
 - 10.1. MBD 1: Invitation to bid (Part A & Part B)
 - 10.2. MBD 4: Declaration of Interest.
 - 10.3. MBD 6.1: Preferential Points
 - 10.4. MBD 8: Declaration of bidders past supply chain management practices
 - 10.5. MBD 9: Certificate of independent bid determination.

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

11. 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.
12. 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.
13. Quotations 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.
14. No electronic signature will be accepted in the bidding document. The bidder's signature must always be signed by hand in black ink.
15. No late quotations will be accepted.
16. Telefax or e-mail quotations will not be accepted.
17. All quotations must be submitted on the official and original forms and must not be re-typed, copied or scanned. Quotations must only be submitted on the quotation documents as provided by Mogale City Local Municipality.
18. Quotations must be completed in black ink, handwritten and must not be typed.
19. The use of tipp-ex is not allowed on the quotation documents.

20. Quotations completed in pencil will be regarded as invalid quotations.
21. No page(s) must be removed from the original quotation document.
22. Requirements for sealing, addressing, delivery, opening and assessment of quotations are stated in the quotation document.
23. 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.
24. The lowest or any quotation will not necessarily be accepted, and Mogale City reserves the right to accept a quotation in whole or in part.
25. The Municipality reserves the right to appoint and not to appoint.
26. The validity period for this quotation is sixty (60) days.
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. All quoted prices must be inclusive of VAT for all registered VAT vendors.
29. All quotation prices must be in RSA currency and inclusive of VAT.
30. In the instance of a term quotation (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.
31. Quotations will be opened immediately after the closing date and time in a venue to be indicated.
32. No quotations will be accepted from persons in the service of state as it is defined in the Municipal Finance Management Act and Regulations.
33. 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.
34. Quotation documents may be downloaded from www.mogalecity.gov.za.

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

35. 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.
36. Copies of director's ID not older than three (3) months, not a copy of a certified copy.
37. Quotations may be submitted electronically on PDF formatted USB.
38. Completed and signed declarations of Municipal Account.

PLEASE TICK CHECKLIST TO VERIFY WHETHER ALL COMPULSORY DOCUMENTS HAVE BEEN ATTACHED TO YOUR QUOTATION.

No.	Description	YES	NO
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.		
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/ 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.	Central Supplier Database Report or summary (attached) (from page one to last page in consecutive order)		
8.	Completed and Signed Schedule of Pricing as issued in the document. 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		
9.	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 quotation documents.		
10.	Completed and signed below Municipal Bidding Documents		
10.1.	MBD 1: Invitation to bid (completed and signed)		
10.2.	MBD 4: Declaration of interest. (Completed and signed)		
10.3.	MBD 6.1: Preference points claim form in terms of the preferential procurement regulations 2022 (completed and signed)		
10.4.	MBD 8: Declaration of bidder's past Supply Chain management practices (Completed and signed)		
10.5.	MBD 9: Certificate of Independent Bid Determination. (Completed and signed)		
11.	Bids may be submitted electronically on PDF formatted USB.		

Signature of person duly authorised to sign a quotation

Date



**MOGALE CITY LOCAL MUNICIPALITY
REQUEST FOR FORMAL WRITTEN PRICE QUOTATION**

Mogale City Local Municipality requests a quotation on the goods/services listed hereunder on the Request for Quotation Forms. Please furnish all the information as requested and return the quotation on the date stipulated. Late and incomplete submissions will invalidate the quotation submitted.

<p>CENTRAL SUPPLIER DATABASE MAAA:</p>	
<p>TAX COMPLIANCE STATUS (TCS) PIN:</p>	
<p>DESCRIPTION OF SERVICE</p>	<p>1. <u>BACKGROUND</u></p> <p>Laboratory waste disposal is an essential process that helps keep the environment clean and safe. Proper disposal of laboratory waste can prevent hazardous materials from polluting the air and water and can also help protect the health and safety of laboratory personnel. The Scientific & Quality Control Services Laboratory generates a lot of waste which includes broken glassware, chemical and biological waste and needs to be disposed of in an environmentally sound manner. The laboratory waste is hazardous, toxic, flammable, harmful and corrosive as stated on the Material Safety Data Sheets and cannot be discarded down the drain and / or thrown in the normal bin. According to ISO 17025: 2015 clause 7.4 – <i>“Handling of test and calibration items, the laboratory must have a procedure for the transportation, handling, protection, storage, retention and disposal of test and calibration item.”</i></p> <p>Hence, the laboratory waste should be collected, transported, and disposed by a service provider whom at the end should be able to provide Mogale City Local Municipality with a disposal certificate indicating the total amount per kg of waste collected, type of waste, class of waste and the name of the disposal site/ land fill/ incinerator plant.</p> <p>2. <u>SCOPE OF WORK</u></p> <p>Scientific & Quality Control Services Section is experiencing challenges when it comes to the disposal of laboratory waste. Majority of the laboratory waste i.e. (glassware, chemical and biological) are hazardous, toxic, flammable, harmful and corrosive as stated on the Material Safety Data Sheets and cannot be discarded down the drain and/ or thrown in the normal bin.</p> <p>According to ISO 17025: 2015 clause 7.4 – <i>“Handling of test and calibration items, the laboratory must have a procedure for the transportation, handling, protection, storage, retention and disposal of test and calibration item.”</i></p> <p>Hence, the laboratory waste should be collected, transported, and disposed by a service provider whom at the end should be able to provide Mogale City Local Municipality with a</p>

disposal certificate indicating the total amount per kg of waste collected, type of waste, class of waste and the name of the disposal site/ land fill/ incinerator plant.

Current legislation National Water Act No 36 of 1998, National Environmental Management Act No .107 of 1998 and Occupational Health and Safety Amendment Act, No. 181 of 1993 is enforcing compliance with environmental legislation and minimalizing water and environmental pollution. Waste management is very critical and affects water, environment and safety of the employees. Therefore, the option that provides the most benefit or causes the least damage to the environment and employees, at acceptable cost, in the long term as well as in the short term should be implemented, by appointing a registered company, with valid letter of good standing, and hazardous waste transportation license which complies with the National Environmental Management: Waste Act, 59 of 2008.

Find attached a list of the typical chemical, microbiological and glassware waste to be expected.

SPECIFICATIONS:

Bidders are requested to submit quotes for the collection, transportation and disposal of glassware, chemical and biological waste.

1. Collection, transportation and disposal of **laboratory microbiological waste material and expired microbiological chemicals** as per National Environmental Management Waste Act No.59, 2008:
2. Collection, transportation and disposal of **laboratory chemical waste material and expired material** as per National Environmental Management Waste Act No.59, 2008:
3. Collection, transportation, and disposal of **laboratory containers (plastics and glassware)** as per National Environmental Management Waste Act No.59, 2008:

SPECIAL CONDITIONS

The following special conditions should be adhered to, and relevant documentation should be submitted as requested:

1. Prices quoted should be inclusive of VAT, collection, transportation, and disposal costs.
2. Material Safety Data Sheets (MSDS) will be available on request.
3. Note should be taken of the specifications provided on the list of collecting transportation and disposal of laboratory chemical and microbiological waste - the collection, transportation and disposal of laboratory chemical and microbiological waste will not be accepted if the requirements/specifications are not met. The highest possible standards should be always maintained. The following documents should be provided as a proof to show that the service provider is capable to provide the service:
 - Valid letter of good standing from the Department of Labour
 - Valid waste management or treatment license from the landfill site / incinerator or waste treatment facility.
 - Valid transportation license for transportation of dangerous goods. A valid "D" category should be displayed on the vehicle license disc obtained from the vehicle licensing authority.
4. Proof to be provided that a collector / service agent is authorized to collect and dispose waste at a designated ~~the~~ landfill site / incinerator or waste treatment facility (certificate to be attached or letter from the disposal site/ third party letter or SLA)
5. Municipality reserves the right to contact the disposal/ landfill site.
6. Payments will not be processed without a disposal certificate AND LETTER OF GOOD STANDING

	<p>7. Bidder should weigh goods to be transported on-site to verify the weight of the goods to be disposed of upon collection (i.e bidder should have an appropriate measuring device available). A picture will be taken to be attached to invoices.</p> <p>8. Safe transport (minimum closed LDV or bigger) available for the Collection, transportation and disposal of glassware, chemical and biological waste. Roadworthy test certificate of LDV to be attached-</p> <p>9. Transport (minimum closed LDV or bigger) should be clearly marked with applicable warning hazards when transporting chemicals or gasses.</p> <p>10. Drivers to be in possession of a Public Driving Permit (PrDP). Copy of driver's licence of appointed drivers to be attached.</p>
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TECHNICAL EVALUATION CRITERIA

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 bidder to successfully execute the contract according to specifications. Failure to score minimum of **7 out 9** points will lead to non-responsiveness.

These criteria shall only determine whether a bidder will further be evaluated and will not influence the points scored on Price. If any criterion is rated zero points, the bidder will be rejected, even if the required **7** out of **9** points are achieved.

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 bid will further be evaluated.

	Technical Evaluation Criteria	Weighting	Minimum Score
1	<p>Relevant company experience with regards to collection, transportation and disposal of glassware, chemical and biological waste at the Scientific & Quality Control Laboratory.</p> <p>Reference letters from clients to be provided by bidder's where collection, transportation and disposal of glassware, chemical and biological waste were done over the last five (5) years.</p> <p>The reference letter should include the following:</p> <ul style="list-style-type: none"> • Name of the client and the bidder • Must confirm the number of years' with regards to collection, transport and disposal of hazardous goods to the client <p>Reference letters should correspond with information completed in MBD 6.1.10. Bidder must complete MBD 6.1.10 in detailed in order to score the points. Failure of bidder to complete the MBD 6.1.10 in detail will result in rejection of the tender.</p> <ul style="list-style-type: none"> ➤ Minimum of two (2) contactable reference letters = 2 points ➤ Three (3) – four (4) contactable reference letters = 3 points ➤ Five (5) contactable reference letters or more = 4 points 	4	2

	2	<p>Expertise of the team members relevant to collection, transportation and disposal of glassware, chemical and biological waste.</p> <p>Bidder must submit a proof of documentation which should include:</p> <ul style="list-style-type: none"> Specialist/manager's/operator <u>training certificate on handling of dangerous goods OR waste management training certificate.</u> 	2	2	
	3	<p>Relevant proof that the company has been authorised to collect and dispose of waste material.</p> <ul style="list-style-type: none"> Valid waste management/ treatment license for the landfill, incinerator, or waste treatment facility; AND Valid letter of authorization from the landfill/incinerator or waste treatment facility in case the transporter is not the landfill, incinerator, or waste treatment facility owner. (Third party letter), if owner of treatment facility registration documents to be provided. AND Valid hazardous waste transport license. A valid "D" category should be displayed on the vehicle license disc obtained from the vehicle licensing authority. 	1	1	
			1	1	
			1	1	
	Total		9 points	7 points	

POINTS FOR SPECIFIC GOALS

All quotations received will be evaluated on the 80/20 point scoring basis. The 80 points will be for Price, 20 points for specific goals to promote transformation and economic development in accordance with the table below:

Preferential Procurement Policy Framework Act.

- 80 points for Price
- 20 Points for specific goals

The specific goals allocated points in terms of this quotation	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Within the boundaries of Gauteng Province.	20	
Outside the boundaries of Gauteng.	10	

PRICE SCHEDULE – COLLECTION, TRANSPORTATION AND DISPOSAL OF GLASSWARE, CHEMICAL AND BIOLOGICAL WASTE AT THE SCIENTIFIC & QUALITY CONTROL LABORATORY – MOGALE CITY LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR TWELVE (12) MONTHS.

THE BIDDER SHOULD INCLUDE THE FOLLOWING:

ITEM	DESCRIPTION	UNIT PRICE PER KG	TOTAL PRICE (Including VAT)
1	Packaging material, collection, transportation, and disposal of laboratory <u>microbiological waste material</u>		
	Travelling for collection of <u>microbiological waste</u> (Rand / kilometre), if not included in the price above.		
	TOTAL		

ITEM	DESCRIPTION	UNIT PRICE PER KG	TOTAL PRICE (Including VAT)
2	Packaging material, collection, transportation and disposal of <u>laboratory chemical waste material and expired material</u>		
	Travelling for collection of <u>laboratory chemical waste and expired material</u> (Rand / kilometre), if not included in the price above.		
	TOTAL		

ITEM	DESCRIPTION	UNIT PRICE PER KG	TOTAL PRICE (Including VAT)
3	Packaging material, collection, transportation and disposal of <u>empty laboratory containers (plastic and glassware)</u>		

	Travelling for collection of <u>empty laboratory containers (plastic & glassware)</u> (Rand / kilometre), if not included in the price above.		
	TOTAL		

Note: The quoted price must not exceed **Two Hundred Thousand Rands (R200 000.00)**

NB:

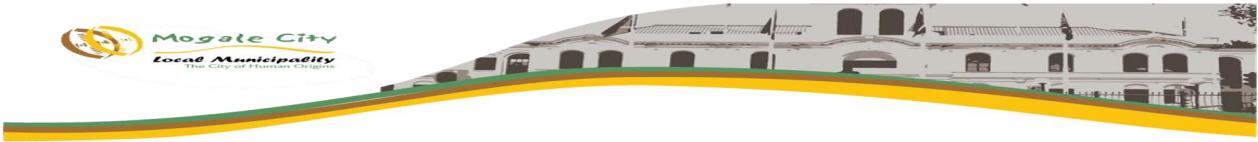
If the bidder/supplier is a VAT Vendor, they must complete the pricing schedule indicating price including VAT

Or

if the bidder/supplier is not registered as a VAT Vendor they must complete the pricing schedule indicating price excluding VAT.

Name of Bidder: **Date:**

Signature: **Position:**



**PART A
 INVITATION TO BID
 MBD 1**

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF MOGALE CITY LOCAL MUNICIPALITY

RFQ NUMBER:	IDS (W&S) 16/2024	CLOSING DATE:	14 MAY 2024	CLOSING TIME:	11:00
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DESCRIPTION	QUOTATIONS ARE HEREBY INVITED FROM PROSPECTIVE SERVICE PROVIDER/S FOR THE COLLECTION, TRANSPORTATION AND DISPOSAL OF GLASSWARE, CHEMICAL AND BIOLOGICAL WASTE AT THE SCIENTIFIC & QUALITY CONTROL LABORATORY – MOGALE CITY LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR TWELVE (12) MONTHS.
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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:
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE [TICK APPLICABLE BOX]	<input type="checkbox"/> Yes <input type="checkbox"/> No	B-BBEE STATUS LEVEL SWORN AFFIDAVIT	<input type="checkbox"/> Yes <input type="checkbox"/> No
[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES & QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]			
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER PART B:3]
TOTAL NUMBER OF ITEMS OFFERED		TOTAL BID PRICE	R
SIGNATURE OF BIDDER	DATE	
CAPACITY UNDER WHICH THIS BID IS SIGNED			

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)? YES NO
- 3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA? YES NO
- 3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? YES NO
- 3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? YES NO
- 3.5. IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION? YES NO

IF THE ANSWER IS “NO” TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.

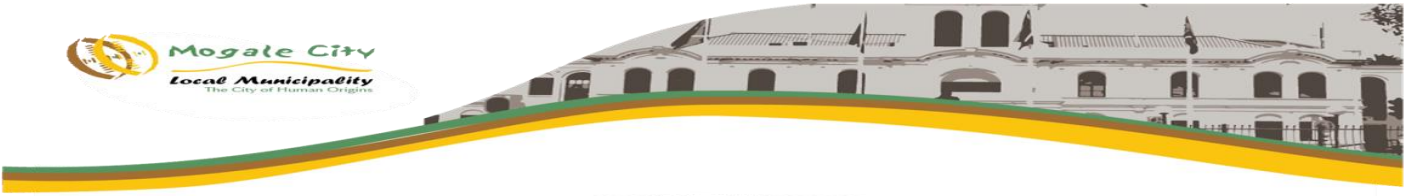
NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

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

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:

DATE:



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; <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> 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



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, hareholder²):.....
- 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

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

1.2 To be completed by the organ of state

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 To be completed by the organ of state:

The maximum points for this quotation 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.

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 quotation and points claimed are indicated per the table below.

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

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

The specific goals allocated points in terms of this quotations	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)
Within the boundaries of Gauteng Province.	X	20	X	
Outside the boundaries of Gauteng.	X	10	X	

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm.....

4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

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

[TICK APPLICABLE BOX]

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

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted 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, if deemed necessary.

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%

8.14 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

11. 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. 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 B-BBE status level of contribution 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 B-BBEE status level of contribution 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	<p>If so, furnish particulars:</p>		

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) 16/2024: QUOTATIONS ARE HEREBY INVITED FROM PROSPECTIVE SERVICE PROVIDER/S FOR THE COLLECTION, TRANSPORTATION AND DISPOSAL OF GLASSWARE, CHEMICAL AND BIOLOGICAL WASTE AT THE SCIENTIFIC & QUALITY CONTROL LABORATORY – MOGALE CITY LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR TWELVE (12) MONTHS.

(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

Below is a list of the typical chemical, microbiological and glassware waste to be expected.

1.	Filterpaper	Specifications	Unit
1.1	MN 615 240mm	Macherey-Nagel or equivalent Filter paper 615 – 240 mm	box/100
1.2	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
1.3	MN 640we 18.5 cm	Macherey-Nagel or equivalent Ashless Filter Paper MN 640 we – 18.5 cm (Specs: Very fast filtration Thickness = 0.22mm, basis weight = 85 g/m ² , Filtration speed = 5 s)	box/100
2.	Chemicals substances	Specifications	Unit
2.1	Ammonium Molybdate Tetrahydrate	Ammonium Molybdate Tetrahydrate, AR Grade	500 g
2.2	Ammonium Sulphate	Ammonium Sulphate, AR Grade, plastic container	500 g
2.3	Ascorbic Acid	Ascorbic Acid, AR Grade, plastic container	500 g
2.4	Boric Acid Powder	Boric Acid powder, AR Grade, plastic container	500 g
2.5	Citric Acid Anhydrate	Citric Acid Anhydrate, AR Grade, plastic container	500 g
2.6	Potassium Iodide	Potassium Iodide, AR Grade, plastic container	500 g
2.7	Potassium Sulphate	Potassium Sulphate, AR Grade, plastic container	5 kg
2.8	Pottasium Chloride	Potassium Chloride, AR Grade, plastic container	500 g
2.9	Sodium Chloride	Sodium Chloride, AR grade, plastic container	500 g

2.10	Sodium Hydroxide	Sodium Hydroxide, AR Grade, plastic container	5 kg
2.11	Sodium Thiosulphate Anhydrous	Sodium Thiosulphate, anhydrous, AR Grade, plastic container	500 g
2.12	Starch Soluble	Starch, AR Grade, plastic container	500 g
2.13	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
2.14	Sodium Carbonate	Sodium Carbonate, AR grade, plastic container	500 g and 5 kg
2.15	Monochloramine reagent	Hach DPD Monochlor F Reagent	Pack / 100 pillows
	Kits	Specifications	Unit
2.16	Free Chlorine Reagent Kit	HACH DPD Chlorine Free	Pack/1000 pillows
2.17	Total Chlorine Reagent Kit	HACH DPD Chlorine Total	Pack/100 pillows
2.18	Ammonium Chloride	Used for calibration and Quality Control Check	500 g
2.19	Potassium Hydrogen Phthalate	Potassium Hydrogen Phthalate, AR Grade	500 g
2.20	Microcystins tube kits	Test kits used for determination of Total microcystin on photometer, product number 520012A	
2.21	ALUMINIUM RGT CUVETTE 0.002 - 0.50mg/l PK25	TNT848 ALUMINIUM RGT CUVETTE 0.002 - 0.50mg/l PK25	25/pack
2.22	COD LR CUVETTE 3 - 150mg/l PK25	TNT821 COD LR CUVETTE 3 - 150mg/l PK25	25/pack
2.23	COD HR CUVETTE 20 - 1500mg/l PK25	TNT822 COD HR CUVETTE 20 - 1500mg/l PK25	25/pack
2.24	COD HR+ CUVETTE 250 - 15000mg/l PK25	TNT823 COD HR+ CUVETTE 250 - 15000mg/l PK25	25/pack
2.25	CYANIDE RGT SET 0.002 - 0.240mg/l 100 tests	2430200 CYANIDE RGT SET 0.002 - 0.240mg/l 100 tests	100/pack

2.26	FLUORIDE RGT SOL 0.02 - 2.00mg/l 125Tests	44449 FLUORIDE RGT SOL 0.02 - 2.00mg/l 125Tests	25/pack
2.27	NITRATE LR CUVETTE 0.2 - 13.5mg/l PK25	TNT835 NITRATE LR CUVETTE 0.2 - 13.5mg/l PK25	25/pack
2.28	NITRATE HR CUVETTE TEST 5 - 35mg/l PK25	TNT836 NITRATE HR CUVETTE TEST 5 - 35mg/l PK25	25/pack
2.29	NITRITE LR 0.015 - 0.6mg/l PK25	TNT839 NITRITE LR 0.015 - 0.6mg/l PK25	25/pack
2.30	PHENOL RGT SET 0.002 - 0.200mg/l 100Tests	2243900 PHENOL RGT SET 0.002 - 0.200mg/l 100Tests	25/pack
2.31	SULFATE CUVETTE LR 40 - 150mg/l PK25	TNT864 SULFATE CUVETTE LR 40 - 150mg/l PK25	25/pack
2.32	SULFATE CUVETTE HR 150 - 9000mg/l PK25	TNT865 SULFATE CUVETTE HR 150 - 9000mg/l PK25	25/pack
2.33	PHOSPHORUS CUVETTE LR 0.05 - 4.5mg/l PK25	TNT843 PHOSPHORUS CUVETTE LR 0.05 - 4.5mg/l PK25	25/pack
2.34	PHOSPHORUS CUVETTE HR 0.5 - 15mg/l PK25	TNT844 PHOSPHORUS CUVETTE HR 0.5 - 15mg/l PK25	25/pack
2.35	SILCA RGT SET 0.01 - 1.600mg/l 100Tests	2459300 SILCA RGT SET 0.01 - 1.600mg/l 100Tests	100/pack
3.	Spectroquant Test Methods for Pharos 100 (or equivalent)	Specifications	Unit
3.1	Aluminium Test Kit	Aluminium test kit, 0.02 - 1.20 mg/l (1.14825.0001 or equivalent)	box/350 tests
3.2	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
3.3	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
3.4	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

3.5	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
3.6	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
3.7	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
3.8	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
3.9	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
3.10	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
3.11	Silicate cell test kit	Silicate (Silicic acid) test (1.14794.0001) 0.005 - 5.0 mg/l Si or equivalent	box for 300 tests
3.12	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
3.13	Sulphite cell test kit	Sulphite cell test kit for SQ 118 photomete, 1.0 - 20. mg/l SO ₃ ²⁻ , 1.14394.0001 or equivalent	box/25 test
3.14	Phosphate cell test kit		box/25 test
4.	Chemical Liquids	Specifications	Unit
	Single standard		
4.1	Aluminium Solution 1000 ppm	Aluminium Standard Solution, 1000 ppm for use on ICP	500 ml
4.2	Antimony Solution 1000 ppm	Antimony Standard Solution, 1000 ppm for use on ICP	500 ml
4.3	Arsenic Solution 1000 ppm	Arsenic Standard Solution, 1000 ppm for use on ICP	500 ml
4.4	Barium Solution 1000 ppm	Barium Standard Solution, 1000 ppm for use on ICP	500 ml

4.5	Beryllium Solution 1000 ppm	Beryllium Standard Solution, 1000 ppm for use on ICP	500 ml
4.6	Boron Solution 1000 ppm	Boron Standard Solution, 1000 ppm for use on ICP	500 ml
4.7	Cadmium Solution 1000 ppm	Cadmium Standard Solution, 1000 ppm for use on ICP	500 ml
4.8	Calcium Solution 1000 ppm	Calcium Standard Solution, 1000 ppm for use on ICP	500 ml
4.9	Chromium Solution 1000 ppm	Chromium Standard Solution, 1000 ppm for use on ICP	500 ml
4.10	Cobalt Solution 1000 ppm	Cobalt Standard Solution, 1000 ppm for use on ICP	500 ml
4.11	Copper Solution 1000 ppm	Copper Standard Solution, 1000 ppm for use on ICP	500 ml
4.12	Iron Solution 1000 ppm	Iron Standard Solution, 1000 ppm for use on ICP	500 ml
4.13	Lead Solution 1000 ppm	Lead Standard Solution, 1000 ppm for use on ICP	500 ml
4.14	Magnesium Solution 1000 ppm	Magnesium Standard Solution, 1000 ppm for use on ICP	500 ml
4.15	Manganese Solution 1000 ppm	Manganese Standard Solution, 1000 ppm for use on ICP	500 ml
4.16	Mercury Solution 1000 ppm	Mercury Standard Solution, 1000 ppm for use on ICP	500 ml
4.17	Molybdenum Solution 1000 ppm	Molybdenum Standard Solution, 1000 ppm for use on ICP	500 ml
4.18	Nickel Solution 1000 ppm	Nickel Standard Solution, 1000 ppm for use on ICP	500 ml
4.19	Potassium Solution 1000 ppm	Potassium Standard Solution, 1000 ppm for use on ICP	500 ml
4.20	Selenium Solution 1000 ppm	Selenium Standard Solution, 1000 ppm for use on ICP	500 ml
4.21	Silicon Solution 1000 ppm	Silicon Standard Solution, 1000 ppm for use on ICP	500 ml
4.22	Sodium Solution 1000 ppm	Sodium Standard Solution, 1000 ppm for use on ICP	500 ml
4.23	Strontium Solution 1000 ppm	Strontium Standard Solution, 1000 ppm for use on ICP	500 ml

4.24	Uranium Solution 1000 ppm	Uranium Standard Solution, 1000 ppm for use on ICP	500 ml
4.25	Vanadium Solution 1000 ppm	Vanadium Standard Solution, 1000 ppm for use on ICP	500 ml
4.26	Zinc Solution 1000 ppm	Zinc Standard Solution, 1000 ppm for use on ICP	500 ml
	Multi Standards		
4.27	Ca,Mg, K, Na 1000 mg/l multi-element ICP standard	standard for ICP calibration	500 ml
4.28	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	standard for ICP calibration	500 ml
4.29	Hydrochloric Acid	Hydrochloric acid, 32%, AR grade, glass bottle	2.5 litre
4.30	Nitric Acid	Nitric acid, 55%, AR grade, glass bottle	2.5 litre
4.31	Sulphuric Acid	Sulphuric Acid, 98%, glass bottle, AR grade	2.5 litre
5	Standards	Specifications	Unit
5.1	Fluoride Standard Solution 1000 ppm	Fluoride Standard Solution 1000 ppm, for use of calibration and Quality Check	500 ml
5.2	COD Standard Solution 20 mg/l	COD Standard Solution 20 mg/l for Quality Check	500 ml
5.3	COD Standard Solution 100 mg/l	COD Standard Solution 100 mg/l for Quality Check	500 ml
5.4	COD Standard Solution 200 mg/l	COD Standard Solution 200 mg/l for Quality Check	500 ml
5.5	COD Standard Solution 400 mg/l	COD Standard Solution 400 mg/l for Quality Check	500 ml
5.6	COD Standard Solution 1000 mg/l	COD Standard Solution 1000 mg/l for Quality Check	500 ml
5.7	COD Standard Solution 2000 mg/l	COD Standard Solution 2000 mg/l for Quality Check	500 ml

5.8	COD Standard Solution 8000 mg/l	COD Standard Solution 8000 mg/l for Quality Check	500 ml
5.9	Sulphate Standard Solution 40 mg/l	Sulphate Standard Solution 40 mg/l for Quality Check	500 ml
5.10	Sulphate Standard Solution 125 mg/l	Sulphate Standard Solution 125 mg/l for Quality Check	500 ml
5.11	Sulphate Standard Solution 400 mg/l	Sulphate Standard Solution 400 mg/l for Quality Check	500 ml
5.12	Sulphate Standard Solution 800 mg/l	Sulphate Standard Solution 800 mg/l for Quality Check	500 ml
5.13	Sulphate Standard Solution 1000 mg/l	Sulphate Standard Solution 1000 mg/l for Quality Check	500 ml
5.14	pH Buffer 4	pH Buffer 4, for use of calibration and Quality Check	500 ml
5.15	pH Buffer 7	pH Buffer 7, for use of calibration and Quality Check	500 ml
5.16	pH Buffer 10	pH Buffer 10, for use of calibration and Quality Check	500 ml
6.	Flammable Substances	Specifications	Unit
6.1	Potassium Nitrate	Potassium Nitrate, AR Grade, plastic container	500 g
7.	Flammable Liquids	Specifications	Unit
7.1	Acetone	Acetone, CP grade, plastic bottle	2.5 litre
7.2	Ethanol	Ethanol, 99.9%, AR grade, glass bottle	2.5 litre
7.3	Petroleum Ether, 30-60°C	Petroleum Ether, 30-60°C, glass bottle, AR Grade	2.5 litre
8.	Toxic Substances	Specifications	Unit
8.1	Mercuric Oxide Red	Mercuric Oxide Red, AR Grade, plastic container	500 g

8.2	Silver Nitrate	Silver Nitrate, AR Grade, plastic container	500 g
9.	Toxic Liquids	Specifications	Unit
9.1	Methanol	Methanol, AR grade, 2.5lt, GB (C55202183)	2.5 litre
	Chemical Oxygen Demand (COD) Solutions:		
9,2	COD Solution A	COD Solution A 1.14538.0065 for use with SQ 118 photometer (for ranges 10150 mg/l)	65 ml
9,3	COD Solution B	COD Solution B 1.14539.0495 for use with SQ 118 photometer (for ranges 100-1500 mg/l)	495 ml
9,4	COD Solution B	COD Solution B 1.14580.0495 for use with SQ 118 photometer (for ranges 500-10000 mg/l)	495 ml
9,5	COD Solution A	COD Solution A 1.14579.0065 for use with SQ 118 photometer (for ranges 500-10000 mg/l)	495 ml
9,6	COD Solution B	COD Solution B 1.14582.0065 for use with SQ 118 photometer (for ranges 10150 mg/l)	495 ml
10.	10. Harmful Liquids	Specifications	Unit
10.1	Butanol	Butan-1-ol, AR grade, glass bottle	2.5 litre
10.2	Chloroform	Chloroform, AR grade, glass bottle	2.5 litre

11.	Other chemicals / consumables	Specifications	Unit
11.4	Sterile microbiological sample bag	Whirlpack or equivalent sterile microbiological sample bags without sodium thiosulphate, plain, 18 Oz with writing strip	Box/500
11.5	Sterile filter membranes	Membrane filters 0.45µm with 47mm diameter. White membranes with black grid. Sterile and individually packed without absorbent pads	Box/1000
11.6	Sterile micro bottles	Sterile micro bottles (500 ml) with sodium thiosulphate	Each
11.10	Glass beaker, 1000ml	Glass beaker, graduated, 1000ml, squat/spouted, short form, 105mm outer diameter, 145mm height, grade A glass	Each
11.11	Glass beaker, 2000ml	Glass beaker, graduated, 2000ml, squat/spouted, short form, 105mm outer diameter, 145mm height, grade A glass	Each
11.12	Glass Crystallizing Dishes	Glass crystallizing dishes, 150 ml, 80mm outer diameter, 45 mm height, grade A Glass	Each
11.13	Porcelain evaporating Dishes	Evaporating porcelain dishes, 110x45mm, 225 ml, porcelain	Each
11.14	Test tubes, 16 mm diameter	Test tubes, glass, rim 16 mm diameter, 150 mm height	Each
11.15	Test tubes, 18 mm diameter	Test tubes, glass, rim 18 mm diameter, 150 mm height	Each
11.18	Empty cells for chemical oxygen demand(COD)solutions	Empty cells for chemical oxygen demand (COD) solutions for use in SQ 118 photometer, 16 mm, with screw caps (1.14724.0001 or equivalent)	Box/25
11.19	Ammonia (NH ₃) 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
11.20	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
11.21	Ammonia (NH ₃) Ag/AgCl filling solution	Standard line Ag/AgCl electrode filling solution for 9609BN (60ml)	60 ml

11.22	2 litre sample bottles	2 litre transparent rectangular plastic sampling bottles with screw caps, mouth opening > 20mm	Each
11.23	1 litre sample bottles	1 litre transparent plastic milk sample bottles with screw caps, mouth opening > 20 mm	Each
11.24	Turbidity standards, 0.1 NTU	Turbidity Standard, 0.1 NTU (100ml dark bottle)	100 ml
11.25	Turbidity standards, 1 NTU	Turbidity Standard, 1 NTU (100ml dark bottle)	100 ml
11.26	Turbidity standards, 1000 NTU	Turbidity Standard, 1000 NTU (100ml dark bottle)	100 ml
11.27	Separating funnels, 250 ml	Separating funnels, 250 ml, G/S/C, Grade a glass each	250 ml
11.28	Prescribed detergents for washing of glassware which is neutral in pH, O-PO ₄ and NH ₃ – PLEASE SPECIFY BELOW	Prescribed detergents for washing of glassware which is neutral in pH, O-PO ₄ and NH ₃ .	25 litres
11.29	Nitrate reference electrode	Nitrate reference electrode Inlab 302 ISE for Mettler Toledo DL 50	Each
11.31	Nitrile gloves	Nitrile gloves, powder free, Latex free Small	100/pack
11.32	Nitrile gloves	Nitrile gloves, powder free, Latex free medium	100/pack
11.33	Nitrile gloves	Nitrile gloves, powder free, Latex free Large	100/pack
11.34	Latex gloves	Powdered, non-sterile latex gloves/examination gloves	100/box medium, 100/
11.35	Miele neodisher powder detergent	Miele Neodisher A8 phosphate free powder detergent (10 kg) for Mielabor G 7783 glass washing machine	10 kg
11.36	Funnel Plastic	Funnels used for filtering sample preparations	250mm
11.37	Funnel Plastic	Funnels used for filtering sample preparations	80mm
11.38	Combitips for Eppendorfs	Funnels used for filtering sample preparations	5 ml

11.39	Combitips for Eppendorfs	Funnels used for filtering sample preparations	12,5 ml
11.42	Photocheck for spectroquant Pharo	Photocheck for spectroquant Pharo 1.14693.0001	
11.43	Pipecheck for spectroquant Pharo	Pipecheck for spectroquant Pharo 1.14962.0001	
11.44	Rectangular Cell 10mm	Rectangular Cell 10mm 1.14946.0001	
11.45	Rectangular Cell 20mm	Rectangular Cell 10mm 1.14947.0001	
11.46	Rectangular Cell 20mm	Rectangular Cell 10mm 1.14944.0001	
11.47	Glass Beaker (150 ml)	Glass Beaker 150 ml Graduated spouted	150 ml
11.48	Glass Beaker (250 ml)	Glass Beaker 250 ml Graduated spouted	250 ml
11.49	Glass Pipette 1 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	1 ml
11.50	Glass Pipette 2 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	2 ml
11.51	Glass Pipette 5 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	5 ml
11.52	Glass Pipette 10 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	10 ml
11.53	Glass Pipette 15 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	15 ml
11.54	Glass Pipette 20 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	20 ml
11.55	Glass Pipette 25 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	25 ml
11.56	Glass Pipette 30 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	30 ml
11.57	Glass Pipette 50 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	50 ml
11.58	Glass Pipette 100 ml	Graduated A Grade Glass Pipette for Reagent and Standard Preparation	100 ml
11.59	Glass volumetric flasks, 200 ml	Glass volumetric flask, 200 ml, with stoppers, Graduated grade A glass	200 ml
11.60	Glass volumetric flasks, 250 ml	Glass volumetric flask, 250 ml, with stoppers, Graduated grade A glass	250 ml

11.61	Glass volumetric flasks, 500 ml	Glass volumetric flask, 500 ml, with stoppers, Graduated grade A glass	500 ml
11.62	Glass volumetric flasks, 1000 ml	Glass volumetric flask, 1000 ml, with stoppers, Graduated grade A glass	1000 ml
11.63	Glass volumetric flasks, 2000 ml	Glass volumetric flask, 2000 ml, with stoppers, Graduated grade A glass	2000 ml
11.64	Glass volumetric flasks, 5000 ml	Glass volumetric flask, 5000 ml, with stoppers, Graduated grade A glass	5000 ml
11.65	Buchner Funnel	Buchner funnel, Porcelain, 90mm, with fitted rubber stopper, which needs to be inserted in a 2 litre vacuum flask	Each
11.66	Vacuum Flask	Vacuum flask, suitable for the Buchner funnel and rubber stopper	1000 ml
11.67	Vacuum Flask	Vacuum flask, suitable for the Buchner funnel and rubber stopper	2000 ml
11.68	Vacuum Flask	Vacuum flask, suitable for the Buchner funnel and rubber stopper	1000 ml
11.69	Vacuum Flask	Vacuum flask, to be used for micro filtrations	2000 ml
11.70	Membrane Kit Nitrate	Membrane Kit Nitrate Inlab 302 ISE for Mettler Toledo DL 50	-
11.71	pH-electrode	Orion or equivalent pH-electrode replacement 9157BNMD - refillable pH/ATC epoxy body with Ag/AgCl reference	Each
11.72	Bottle Top Dispensers	Bottle Top Dispensers	1-5 ml
11.73	Bottle Top Dispensers	Bottle Top Dispensers	1-10 ml
11.74	10 ml sample tubes poly prop	poly prop 17mm X 130 mm	1000/pack
11.75	50 ml centrifuge tube	medical grade polypropylene	25/pack
11.76	Phenolphthalein	indicator	100 ml
11.77	Thymol blue	Indicator	100 ml
11.78	25l Polyprop water drums with taps	Polyprop water drums with taps	25 l

12	Discrete Photometric Analyser	Specifications	Unit
12.1	Complete Start-up kit	Start-up kit required for discrete photometric analyser for calibration and validation purposes	N/A
12.2	Cuvettes for discrete photometric analyser	Decacell cuvettes	540 pcs = 5400 cells
12.3	NH4-1 (AMM R1L)	Reagent for Ammonia Analyses, 984362 NH4-1 (AMM R1L) 125mL	125 ml
12.4	NH4-2 4 x 20mL	Reagent for Ammonia Analyses, 984363 NH4-2 4 x 20mL	20 ml
12.5	Ammonium Std	Standard for Calibration, ICC101-5 Ammonium Std	500 ml
12.6	Sulphate reagent	984649 S04 Reagent 6 x 60mL for sulphate calibration	60 ml
12.7	ICC-006-5 Sulphate Std 1000ug/mL	ICC-006-5 Sulphate Std 1000ug/mL 500mL for calibration	500 ml
12.8	984365 Chloride R1 20 x20mL	984365 Chloride R1 20 x 20mL for chloride calibration	20 ml
12.9	ICC-002- 05 Chloride Std 1000ug/mL	ICC-002-05 Chloride Std 1000ug/mL for chloride calibration	500 ml
12.10	984350 TON V1- Saline/high chloride applications)	984350 TON V1- Saline/high chloride applications) for nitrates calibration	20 ml
12.11	984351 TON V2 – Saline/high chloride	984351 TON V2 - Saline/high chloride applications) for nitrate calibration	20 ml
12.12	ICC-004a- 5 Nitrate SRD 1000 ug/mL	ICC-004a-5 Nitrate SRD 1000 ug/mL for nitrates calibration	500 ml
12.13	984371 TON 3 Reagent 4 x 20mL	984371 TON 3 Reagent 4 x 20mL for nitrite calibration	20 ml
12.14	ICC-007a-5 Nitrite 1000mg/L	ICC-007a-5 Nitrite 1000mg/L for nitrite calibration	500 ml
12.15	FT65 TKN(post digest) Digestion Soln-HgSO4 1L	(post digest) Digestion Soln-HgSO4 1L	1L
12.16	FT16 Alkalinity standard 1000 mg/l	Alkalinity 1000 mg/l	500 ml

12.17	Alkalinity R1	Reagent for Alkalinity Analyses, 984623 4 x 20mL	20 ml
12.18	Alkalinity R2	Reagent for Alkalinity Analyses, 984624 4 x 10mL	10 ml
12.19	FT41 Bromide R1	Reagent for Bromide analyses	1L
12.20	FT42 Bromide R2	Reagent for Bromide analyses	100 ml
12.21	FT43 Bromide R3	Reagent for Bromide analyses	100 ml
12.22	ICC-001 Bromide	Bromide 1000 µg/mL	125 ml
12.23	1000 mg/l Fluoride standard	1000 mg/l standard for Fluoride calibration	500 ml
12.24	Fluoride R1	Reagent for Fluoride analyses, 984629 4 x 20mL	20 ml
12.25	Fluoride R2	Reagent for Fluoride analyses, 984630 4 x 20mL	20 ml
12.26	Fluoride R3	Reagent for Fluoride analyses, 984631 4 x 20mL	20 ml
12.27	Chloramine	Reagent for Cyanide analyses	100 ml
12.28	Phosphate R1	Reagent for Phosphate analyses, 984366 4 x 20mL	20 ml
12.29	Phosphate R2	Reagent for Phosphate analyses, 984368 4 x 20mL	20 ml
12.30	FT22 Phenol 1000 mg/l	1000 mg/l standard for Phenol calibration	500 ml
12.31	FT20 Phenol R1	Reagent for Cyanide analyses 4-aminoantipyrine	100 ml
12.32	FT21 Phenol R2	Reagent for Cyanide analyses buffered potassium	100 ml
12.33	ICP-014A Silica 1000 µg/mL standard	1000 µg/mL standard for Silica calibration	125 ml
12.34	Silica R1	Reagent for Silica analyses, 984525 4 x 20mL	20 ml
12.35	Silica R2	Reagent for Silica analyses, 984526 4 x 20mL	20 ml
12.36	Silica R3	Reagent for Silica analyses, 984527 4 x 20mL	20 ml
12.37	TF47 Diethylphenylenediamine	Reagent for Sulphide analyses	100 ml

12.38	TF48 Diethylphenylenediamine	Reagent for Sulphide analyses	100 ml
12.39	FT46Cyanide 1000 mg/l standard	1000 mg/l standard for Cyanide calibration,	500 ml
12.40	Free Cyanide 1000 µg/mL standard	1000 µg/mL standard for Free Cyanide calibration, ICC-008	125 ml
12.41	Complex Cyanide 1000 µg/mL standard	1000 µg/mL standard for Cyanide calibration, ICC-009	100 ml
12.42	FT45 Pyridine-Barbituric Acid	Reagent for Cyanide analyses	500 ml
12.43	FT28 Phosphates buffer	Reagent for Cyanide analyses	1L
12.44	4 ml sample cup	Polystyrene cup for autoanalyzer	4 ml
13.	Microbiology	Specifications	Unit
13.1	Colitag Test Kit (Media), P/A, 100mL format, 100/pk	4600-0013 Colitag Test Kit (Media), P/A, 100mL format	100/Pack
13,2	PLATEFILM100 Plate, iMPN, with film, 100/pk	4600-PLATEFILM100 Plate, iMPN, with film	100/Pack
13,3	Colitag Vessel, 100ml with Sodium Thiosulfate	4600-0121C Colitag Vessel, 100ml with Sodium Thiosulfate	100/Pack
13,4	Sealing Tool Roller	4600-ST Sealing Tool Roller	1
13,5	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
13,6	MacConkey NPS	Used for determination of E-coli and Coliform, type 14097	100/pack
13,7	Mm FC NPS	Used for determination of E-coli and Coliform, type 14068	100/pack
13,8	Tepool NPS	Used for determination of E-coli and Coliform, type 14067	100/pack
13,9	Azide NPS	Used for determination of Enterococcus faecalis and Enterococci , type 14051	100/pack
13,10	Bismuth sulfite NPS	Used for determination of Salmonella typhosa streak, type 14052	100/pack

13,11	Centrimide NPS	Used for determination of Pseudomonas aeruginosa, type 14075	100/pack
13,12	Petrifilm Aerobic Count Plate	3M Petrifilm Aerobic Count Plate for enumeration of aerobic bacteria in food and beverage industries	100/pack
13,13	Petridishes	Petri dishes, 65mm, sterile, disposable, plastic	750/pack
13,14	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
13,15	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
13,16	KLEBSIELLA PNEUM ATCC 31488	KLEBSIELLA PNEUM ATCC 31488, MI0261K or equivalent, for E-coli analyses	6/pack
13,17	ESCHERICHIA COLI ATCC # 8739	ESCHERICHIA COLI ATCC # 8739 MI0483K or equivalent, for Faecal Coliform analyses	6/pack
13,18	Staphylococcus aureus subsp. aureus ATCC® 25923™*	Staphylococcus aureus subsp. aureus ATCC® 25923™* MI0360K or equivalent, for total coliform analyses	6/pack
13,19	Kocuria rhizophila ATCC® 9341™*	Kocuria rhizophila ATCC® 9341™* MI0688K or equivalent, for Heterotrophic plate count	6/pack
13,20	ENTEROCOCCUS FAECALIS ATCC # 19433	ENTEROCOCCUS FAECALIS ATCC # 19433 MI0367K or equivalent, for Fecal Streptococci	6/pack
13,21	ENTEROBACTER AEROGENES ATCC 13048	ENTEROBACTER AEROGENES ATCC 13048 MI0306K or equivalent	6/pack

14..	ICP Consumables	Specifications/	Unit
14.1	White/White pump tubing	White/White pump tubing :3710034400	12/pack
14.2	Blue/Blue pump tubing	Blue/Blue pump tubing: 3710034600	12/pack
14.3	Seaspray Concentric Nebulizer	Seaspray Concentric Nebulizer:G8010-60255	1
14.4	Unifit Sample Connector for Nebulizer	Unifit Sample Connector for Nebulizer:G8010-80035	10
14.5	Nebulizer capillary tubing	Nebulizer capillary tubing :2410020500	Per metre
14.6	PFA tubing for gas supply to nebulizer	PFA tubing for gas supply to nebulizer: 0890-2603	1
14.7	Double pass cyclonic spray chamber	Double pass cyclonic spray chamber: G8010-60256	0.5 m
14.8	Unifit drain connector	Unifit drain connectorG8010-80036	1
14.9	Barb connector 1/16" to 1/8" inch	Barb connector 1/16" to 1/8" inch:1610088600	1
14.10	Helix seal for spray chamber	Helix seal for spray chamber: G8010-80042	4
14.11	Easy-fit, demountable torch	Easy-fit, demountable torch: G8010-60236	1
14.12	Quartz outer tube set for G8010-60236	Quartz outer tube set for G8010-60236: G8010-60231	2
14.13	Torch clamp	Torch clamp: G8010-64140	1
14.14	Fused Silica Window for Axial pre-optics window	Fused Silica Window for Axial pre-optics window: G8010-68014	1
14.15	Flurocarbon O-ring for Axial view pre-optics window	Flurocarbon O-ring for Axial view pre-optics window :G8010-68018	1
14.16	Fused Silica Window for Radial view pre-optics window	Fused Silica Window for Radial view pre-optics window :G8010-68015	1
14.17	Sample tray spillage drainage tubing	Sample tray spillage drainage tubing :1/4in OD x 1/8in1D PVIDF	Per metre
14.18	Air cooling inlet filter	Air cooling inlet filter: G8000-68002	1
14.19	ICP-OES Check Solution	ICP-OES Check Solution: 6610030000	500 ml
14.20	Calibration Blank Solution	Calibration Blank Solution: 5190-7001	500 ml
14.21	MSIS Pump Tubing – Reductant (Black/Black)	MSIS Pump Tubing – Reductant (Black/Black): 3710027200	12/pack
14.22	MSIS Pump Tubing – Waste (Black/White)	MSIS Pump Tubing – Waste (Black/White): 3710068900	12/pack
14.23	MSIS Reagent Tubing Kit	MSIS Reagent Tubing Kit: G8479-68100	1

14.24	MSIS Reaction Cone kit (complete)	MSIS Reaction Cone kit (complete): G8479-60300	1
14.25	0.80 mm ID Sample Probe	0.80 mm ID Sample Probe: G8410-80102	1
14.26	3 Tab Grey-Grey-Grey Persitatic Pump Tubing	50 ml Sample Tubes with Screw Cap: 3710049000	12/pack
14.27	50 ml Sample Tubes with Screw Cap	50 ml Sample Tubes with Screw Cap: 190065200	500
14.28	16 * 125 mm Polypropylene sample tubes	16 * 125 mm Polypropylene sample tubes: 190049700	1000