

TENDER DOCUMENT GOODS AND SERVICES		 CITY OF CAPE TOWN ISIXEKO SASEKAPA STAD KAAPSTAD
SUPPLY CHAIN MANAGEMENT		
SCM - 542	Approved by Branch Manager: February 2024	Version: 10

TENDER NO: 165G/2025/26
TENDER DESCRIPTION: SUPPLY AND DELIVERY OF CHEMICALS AND CONSUMABLES FOR THE CITY OF CAPE TOWN
CONTRACT PERIOD: 36 MONTHS FROM THE COMMENCEMENT DATE OF THE CONTRACT

CLOSING DATE	25 MARCH 2026
CLOSING TIME	10:00 am
TENDER BOX NUMBER	232
TENDER FEE	R200.00

Non – refundable tender fee payable to the City of Cape Town (CCT) for a hard copy of the tender document. This fee is not applicable to website downloads of the tender document.

TENDERER	
NAME of Company/Close Corporation or Partnership / Joint Venture/ Consortium or Sole Proprietor /Individual (hereinafter the "Tenderer")	
TRADING AS (if different from above)	
Registration number of Tenderer	
Physical address and chosen domicilium citandi et executandi of Tenderer	

NATURE OF TENDER OFFER (please indicate below)	
Main Offer (see clause 2.2.11.1)	
Alternative Offer (see clause 2.2.11.1)	

TENDER SERIAL NO.:
SIGNATURES OF CCT OFFICIALS AT TENDER OPENING
1
2
3

TABLE OF CONTENTS

THE TENDER.....	3
T.1 GENERAL TENDER INFORMATION	3
T.2 CONDITIONS OF TENDER	4
2.1 General.....	4
2.2 Tenderer’s obligations	7
2.3 The CCT’s undertakings.....	14
THE CONTRACT	21
C.1 DETAILS OF TENDERER/SUPPLIER	22
C.2 FORM OF OFFER AND ACCEPTANCE	23
C.2.1 OFFER (TO BE COMPLETED BY THE TENDERER AS PART OF TENDER SUBMISSION)	23
C.2.2 ACCEPTANCE (TO BE COMPLETED BY THE CCT)	24
C.2.3 SCHEDULE OF DEVIATIONS (TO BE COMPLETED BY THE CCT UPON ACCEPTANCE)	25
C.2.4 CONFIRMATION OF RECEIPT (TO BE COMPLETED BY SUPPLIER UPON ACCEPTANCE).....	26
C.3 OCCUPATIONAL HEALTH AND SAFETY AGREEMENT	27
C.4 PRICE SCHEDULE	28
C.5 SPECIFICATION(S).....	70
C.6 SPECIAL CONDITIONS OF CONTRACT	120
C.7 GENERAL CONDITIONS OF CONTRACT	131
C.8 ANNEXURES	141
ANNEXURE A – PRO FORMA INSURANCE BROKER’S WARRANTY	141
ANNEXURE B – MONTHLY PROJECT LABOUR REPORT	142
ANNEXURE C - PRO FORMA PERFORMANCE SECURITY/ GUARANTEE	144
ANNEXURE D - PRO FORMA ADVANCE PAYMENT GUARANTEE	146
ANNEXURE F - TENDER RETURNABLE DOCUMENTS.....	149
<i>Schedule F.1: Contract Price Adjustment</i>	<i>149</i>
<i>Schedule F.2: Certificate of Authority for Partnerships/ Joint Ventures/ Consortiums</i>	<i>181</i>
<i>Schedule F.3: Declaration for Procurement above R10 million.....</i>	<i>182</i>
<i>Schedule F.4: Preference Points Claim Form In Terms Of the Preferential Procurement Regulations 2022</i>	<i>183</i>
<i>Schedule F.5: Declaration of Interest – State Employees (MBD 4 amended).....</i>	<i>186</i>
<i>Schedule F.6: Conflict of Interest Declaration</i>	<i>188</i>
<i>Schedule F.7: Declaration of Tenderer’s Past Supply Chain Management Practices (MBD 8).....</i>	<i>189</i>
<i>Schedule F.8: Authorisation for the Deduction of Outstanding Amounts Owed to the CCT</i>	<i>191</i>
<i>Schedule F.9: Certificate of Independent Tender Determination</i>	<i>192</i>
<i>Schedule F.10: Proposed Deviations And Qualifications By Tenderer</i>	<i>193</i>
<i>Schedule F.11: List of Other Documents Attached By Tenderer.....</i>	<i>194</i>
<i>Schedule F.12: Record of Addenda to Tender Documents</i>	<i>195</i>
<i>Schedule F.13: Information to Be Provided With the Tender.....</i>	<i>196</i>
<i>Schedule F.14: Appeal Application.....</i>	<i>Error! Bookmark not defined.</i>

THE TENDER

T.1 GENERAL TENDER INFORMATION

- TENDER ADVERTISED** : **20 FEBRUARY 2026**
- SITE VISIT/CLARIFICATION MEETING** : Time: **12h00** on Date: **Monday, 9 March 2026**
(Not compulsory, but strongly recommended)
- VENUE FOR SITE VISIT/CLARIFICATION MEETING:** A clarification meeting will be conducted via Microsoft Teams. Tenderers who wish to participate in the meeting must connect via the link below:
- <https://teams.microsoft.com/meet/37744511803719?p=CC9TEzISOMwuDsWtPH>
- Alternatively dial in by phone**
- +27 21 835 5043, Phone conference ID: 951 169 150#
- TENDER BOX & ADDRESS** : **Tender Box as per front cover** at the **Tender & Quotation Boxes Office**, 2nd Floor (Concourse Level), Civic Centre, 12 Hertzog Boulevard, Cape Town.
- : The Tender Document (which includes the Form of Offer and Acceptance) completed and signed in all respects, plus any additional supporting documents required, must be submitted in a sealed envelope with the name and address of the tenderer, the endorsement **“TENDER NO.: 165G/2025/26 - SUPPLY AND DELIVERY OF CHEMICALS AND CONSUMABLES FOR THE CITY OF CAPE TOWN”**, the tender box number. and the closing date indicated on the envelope. The sealed envelope must be inserted into the appropriate official tender box before closing time.
- If the tender offer is too large to fit into the abovementioned box or the box is full, please enquire at the public counter (Tender Distribution Office) for alternative instructions. It remains the tenderer’s responsibility to ensure that the tender is placed in either the original box or as alternatively instructed.
- CCT TENDER REPRESENTATIVE** : Email: scm.tenders19@capetown.gov.za

TENDERERS MUST NOTE THAT WHEREVER THIS DOCUMENT REFERS TO ANY PARTICULAR TRADE MARK, NAME, PATENT, DESIGN, TYPE, SPECIFIC ORIGIN OR PRODUCER, SUCH REFERENCE SHALL BE DEEMED TO BE ACCOMPANIED BY THE WORDS “OR EQUIVALENT”

T.2 CONDITIONS OF TENDER

2.1 General

2.1.1 Actions

2.1.1.1 The City of Cape Town (hereafter referred to as the "CCT") and each tenderer submitting a tender offer (hereinafter referred to as the "tenderer" or the "supplier") shall comply with item T.2 of this Tender Document Goods and Services (hereinafter referred to as these "Conditions of Tender"). The tenderer and the CCT shall collectively hereinafter be referred to as the "Parties" and individually a "Party"). In their dealings with each other, the Parties shall discharge their duties and obligations as set out in these Conditions of Tender, timeously and with integrity, and behave equitably, honestly and transparently, and shall comply with all legal obligations imposed on the Parties herein and in accordance with all applicable laws.

The Parties agree that this tender Tender Document Goods and Services (hereinafter referred to as the "Tender" / "Tender Document"), its evaluation and acceptance and any resulting contract shall also be subject to the CCT's Supply Chain Management Policy ('SCM Policy') that was applicable on the date the bid was advertised and as amended from time to time. If the CCT adopts a new SCM Policy which contemplates that any clause therein would apply to the Contract emanating from this tender (hereinafter referred to as the "Contract"), such clause shall also be applicable to that Contract. Please refer to this document contained on the CCT's website.

Abuse of the supply chain management system is not permitted and may result, inter alia, (1) in the tender being rejected; (2) cancellation of the contract; (3) restriction of the supplier, and/or (4) the exercise by the CCT of any other remedies available to it as provided for in the SCM Policy and/or the the Contract and/or this tender and/or any applicable laws .

2.1.1.2 The CCT, the tenderer and their agents and employees involved in the tender process shall avoid conflicts of interest and where a conflict of interest is perceived or known, declare any such conflict of interest, indicating the nature of such conflict. Tenderers shall declare any potential conflict of interest in their tender submissions. Employees, agents and advisors of the CCT shall declare any conflict of interest to the CCT at the start of any deliberations relating to the procurement process or as soon as they become aware of such conflict, and abstain from any decisions where such conflict exists or recuse themselves from the procurement process, as appropriate.

2.1.1.3 The CCT shall not seek, and a tenderer shall not submit a tender, without having a firm intention and capacity to proceed with the contract.

2.1.2 Interpretation

2.1.2.1 The additional requirements contained in Annexure F to the contract (hereinafter referred to as the "returnable documents" / "Returnable Schedules") are part of these Conditions of Tender and are specifically hereby incorporated into these Conditions of Tender.

2.1.2.2 These Conditions of Tender and returnable Documents which are required for CCT's tender evaluation purposes herein, shall form part of the Contract arising from the CCT's corresponding invitation to tender.

2.1.3 Communication during tender process

Verbal or any other form of communication, from the CCT, its employees, agents or advisors during site visits/clarification meetings or at any other time prior to the award of the Contract, will not be regarded as binding on the CCT, unless communicated by the CCT in writing to suppliers / tenderers by its Director: Supply Chain Management or his nominee. Similarly, any communication of the tenderer / supplier that is not reduced to writing by the tenderer / supplier, its employees, agents or advisors, shall not be regarded as binding on the CCT, unless communicated to the CCT in writing by the suppliers / tenderers, or their duly authorised representatives.

2.1.4 The CCT's right to accept or reject any tender offer

2.1.4.1 The CCT may accept or reject any tender offer and may cancel the corresponding tender process or reject all tender offers at any time before the formation of a contract. The CCT may, prior to the award of the tender, cancel a tender if:

- (a) due to changed circumstances, there is no longer a need for the services, works or goods requested;
or
- (b) funds are no longer available to cover the total envisaged expenditure; or
- (c) no acceptable tenders are received;
- (d) there is a material irregularity in the tender process; or
- (e) the Parties are unable to negotiate market related pricing.

The CCT shall not accept or incur any liability to a tenderer for such cancellation or rejection, but will give written reasons for such action upon receiving a written request to do so.

2.1.5 Procurement procedures

2.1.5.1 General

Unless otherwise stated in the Conditions of Tender, a contract will be concluded with the tenderer who scores the highest number of tender adjudication points.

The CCT intends to appoint two tenderers - the highest ranked tenderer (the winner) and in addition, one alternative tenderer per group for the allocation of work. If insufficient responsive bids are received, the CCT reserves the right to appoint fewer tenderers, or not to appoint any tenderers at all.

Suppliers, once appointed and subject to operational requirements, will be invited to deliver the goods or services on a "winner-takes-all" basis, whereby the order will always be offered and, if accepted, allocated to the highest ranked tenderer (the winner), and only if he refuses will the work be offered to the next highest ranked tenderer from the alternative tenderers.

The contract period shall be for a period of **36** months from the commencement date of the contract.

2.1.5.2 Proposal procedure using the two stage-system

A two-stage system will not be followed.

2.1.5.3 Nomination of Standby Bidder

"Standby Bidder" means a bidder, identified by the CCT at the time of awarding a bid that will be considered for award should the contract be terminated for any reason whatsoever. In the event that a contract is terminated during the execution thereof, the CCT may consider the award of the contract, or non-award, to the Standby Bidder in terms of the procedures included its SCM Policy, as amended from time to time.

2.1.6 Objections, complaints, queries and disputes/ Appeals in terms of Section 62 of the Systems Act/ Access to court

2.1.6.1 Disputes, objections, complaints and queries

In terms of Regulations 49 and 50 of the Local Government: Municipal Finance Management Act, 56 of 2003 Municipal Supply Chain Management Regulations (Board Notice 868 of 2005):

- a) Persons aggrieved by decisions or actions taken by the CCT in the implementation of its supply chain management system, may lodge within 14 days of the decision or action, a written objection or complaint or query or dispute against the decision or action.

2.1.6.2 Appeals

- a) In terms of Section 62 of the Local Government: Municipal Systems Act, 32 of 2000 a person whose rights are affected by a decision taken by the CCT, may appeal against that decision by giving written

notice of the appeal and reasons to the City Manager within 21 days of the date of the notification of the decision.

- b) An appeal must contain the following:
- i. Must be in writing
 - ii. It must set out the reasons for the appeal
 - iii. It must state in which way the Appellant's rights were affected by the decision;
 - iv. It must state the remedy sought; and
 - v. It must be accompanied with a copy of the notification advising the person of the decision
- c) The relevant CCT appeal authority must consider the appeal and **may confirm, vary or revoke** the decision that has been appealed, but no such revocation of a decision may detract from any rights that may have accrued as a result of the decision.

2.1.6.3 Right to approach the courts and rights in terms of Promotion of Administrative Justice Act, 3 of 2000 and Promotion of Access to Information Act, 2 of 2000

The sub- clauses above do not influence any affected person's rights to approach the High Court at any time or its rights in terms of the Promotion of Administrative Justice Act (PAJA) and Promotion of Access to Information Act (PAIA).

- 2.1.6.4** All requests referring to sub clauses 2.1.6.1 and 2.1.6.2 must be submitted in writing to:
The City Manager - C/o the Manager: Legal Compliance Unit, Legal Services Department, Office of the City Manager
Via hand delivery at: 20th Floor, Tower Block, 12 Hertzog Boulevard, Cape Town 8001
Via post at: Private Bag X918, Cape Town, 8000
Via email at: MSA.Appeals@capetown.gov.za

- 2.1.6.5** All requests referring to clause 2.1.6.3 must be submitted in writing to:
The City Manager - C/o the Manager: Access to Information Unit, Legal Service Department, Office of the City Manager
Via hand delivery at: 20th Floor, Tower Block, 12 Hertzog Boulevard, Cape Town 8001
Via post at: Private Bag X918, Cape Town, 8000
Via email at: Access2info.Act@capetown.gov.za

2.1.6.6 The minimum standards regarding accessing and 'processing' of any personal information belonging to another in terms of Protection of Personal Information Act, 2013 (POPIA).

For purposes of this clause 2.1.6.6, the contract and these Conditions of Tender, the terms "data subject", "Personal Information" and "Processing" shall have the meaning as set out in section 1 of POPIA, and "Process" shall have the corresponding meaning.

The CCT, its employees, representatives and sub-contractors may, from time to time, Process the tenderer's and/or its employees', representatives' and/or sub-contractors' Personal Information, for purposes of, and/or relating to, the tender, the contract and these Conditions of Tender, for research purposes, and/or as otherwise may be envisaged in the CCT's Privacy Notice and/or in relation to the CCT's Supply Chain Management Policy or as may be otherwise permitted by law. This includes the Processing of the latter Personal Information by the CCT's due diligence assurance provider, professional advisors and the Appeal Authority as applicable. The CCT's justification for the processing of such aforesaid Personal Information is based on section 11(1)(b) of POPIA, i.e., in terms of which the CCT's Processing of the said Personal Information is necessary to carry out actions for the conclusion and/or performance of the contract, to which the applicable data subject (envisaged in this clause 2.1.6.6 above) is a party.

All requests relating to data protection must be submitted in writing to:
The City Manager - C/o the Information Officer, Office of the City Manager
Via hand delivery at: 20th Floor, Tower Block, 12 Hertzog Boulevard, Cape Town 8001
Via post at: Private Bag X9181, Cape Town, 8000
Via email at: Popia@capetown.gov.za.

2.1.6.7 Compliance to the CCTs Appeals Policy.

In terms of the CCT's Appeals Policy, a fixed upfront administration fee will be charged. In addition, a surcharge may be imposed for vexatious and frivolous or otherwise manifestly inappropriate tender related appeals.

The current approved administration fee is R300.00 and may be paid at any of the Municipal Offices or at the Civic Centre in Cape Town using the GL Data Capture Receipt attached as

Annexure F.13: Appeal Application Form. Alternatively, via EFT into the CCT's NEDBANK Account: CITY OF CAPE TOWN and using Reference number: 198158966. You are required to send proof of payment when lodging your appeal.

The current surcharge for vexatious and frivolous or otherwise manifestly inappropriate tender related appeals will be calculated as $\frac{1}{2}$ (Administrative cost of the tender appeal) + 0.25 % (Appellant's tender price).

Should the payment of the administration fee of R300.00 or the surcharge not be received, such fee or surcharge will be added as a Sundry Tariff to the bidder's municipal account.

In the event where the bidder does not have a Municipal account with the CCT, the fee or surcharge may be recovered in terms of the CCT's Credit Control and Debt Collection By-law, 2006 (as amended) and its Credit Control and Debt Collection Policy.

2.1.7 CCT Supplier Database Registration

Tenderers are required to be registered on the CCT Supplier Database as a service provider. Tenderers must register as such upon being requested to do so in writing and within the period contained in such a request, failing which no orders can be raised or payments processed from the resulting contract. In the case of Joint Venture partnerships this requirement will apply individually to each party of the Joint Venture.

Tenderers who wish to register on the CCT's Supplier Database may collect registration forms from the Supplier Management Unit located within the Supplier Management / Registration Office, 2nd Floor (Concourse Level), Civic Centre, 12 Hertzog Boulevard, Cape Town (Tel 021 400 9242/3/4/5). Registration forms and related information are also available on the CCT's website www.capetown.gov.za (follow the Supply Chain Management link to Supplier registration).

It is each tenderer's responsibility to keep all the information on the CCT Supplier Database updated.

2.1.8 National Treasury Web Based Central Supplier Database (CSD) Registration

Tenderers are required to be registered on the National Treasury Web Based Central Supplier Database (CSD) as a service provider. Tenderers must register as such upon being requested to do so in writing and within the period contained in such a request, failing which no orders can be raised or payments processed from the resulting contract. In the case of Joint Venture partnerships this requirement will apply individually to each party of the Joint Venture.

Tenderers who wish to register on the National Treasury Web Based Central Supplier Database (CSD) may do so via the web address <https://secure.csd.gov.za>.

It is each tenderer's responsibility to keep all the information on the National Treasury Web Based Central Supplier Database (CSD) updated.

2.2 Tenderer's obligations

2.2.1 Eligibility Criteria

2.2.1.1 Tenderers are obligated to submit a tender offer that complies in all aspects to the conditions as detailed in this tender document and the Conditions of Tender. An 'acceptable tender must "COMPLY IN ALL" aspects with the tender, Conditions of Tender, all Specifications (i.e., item C.5 below, hereinafter the "Specifications"), pricing instructions herein and the Contract including its conditions.

2.2.1.1.1 Submit a tender offer

Only those tender submissions from which it can be established, *inter alia* that a clear, irrevocable and unambiguous offer has been made to CCT, by whom the offer has been made and what the offer constitutes, will be declared responsive.

2.2.1.1.2 Compliance with requirements of CCT SCM Policy and procedures

Only those tenders that are compliant with the requirements below will be declared responsive:

- a) A completed **Details of Tenderer** to be provided (applicable schedule below to be completed);
- b) A completed **Certificate of Authority for Partnerships/ Joint Ventures/ Consortiums** to be provided authorising the tender to be made and the signatory to sign the tender on the partnership /joint venture/consortium's (applicable schedule below to be completed);
- c) A copy of the partnership / joint venture / consortium agreement to be provided, where applicable.
- d) A completed **Declaration of Interest – State Employees** to be provided and which does not indicate any non-compliance with the legal requirements relating to state employees (applicable schedule below to be completed);
- e) A completed **Declaration – Conflict of Interest and Declaration of Bidders' past Supply Chain Management Practices** to be provided and which does not indicate any conflict or past practises that renders the tender non-responsive based on the conditions contained thereon (applicable schedules below to be completed);
- f) A completed **Certificate of Independent Bid Determination** to be provided and which does not indicate any non-compliance with the requirements of the schedule (applicable schedule below to be completed);
- g) The tenderer (including any of its representatives, directors or members), has not been restricted in terms of abuse of the Supply Chain Management Policy,
- h) The tenderer's tax matters with SARS are in order, or the tenderer is a foreign supplier that is not required to be registered for tax compliance with SARS;
- i) The tenderer is not an advisor or consultant contracted with the CCT whose prior or current obligations creates any conflict of interest or unfair advantage;
- j) The tenderer is not a person, advisor, corporate entity or a director of such corporate entity, who is directly or indirectly involved or associated with the bid specification committee;
- k) A completed **Authorisation for the Deduction of Outstanding Amounts Owed to the CCT** to be provided and which does not indicate any details that renders the tender non-responsive based on the conditions contained thereon (applicable schedules below to be completed);
- l) The tenderer (including any of its representatives, directors or members), has not been found guilty of contravening the Competition Act 89 of 1998, as amended from time to time;
- m) The tenderer (including any of its representatives, directors or members), has not been found guilty on any other basis listed in the Supply Chain Management Policy.

2.2.1.1.3 Compulsory clarification meeting

Not Applicable

2.2.1.1.4 Minimum score for functionality

Not Applicable

2.2.1.1.5 Mandatory Requirement

The City of Cape Town's Scientific Services is an ISO/IEC 17025 accredited facility. To support this accreditation, all manufacturers of chemicals and consumables supplied under this tender must be ISO 9001 certified or certified to an equivalent internationally recognised quality management standard.

Bidders must submit valid proof of certification for each manufacturer with their tender submission. Failure to provide acceptable proof will result in the tender being non-responsive.

2.2.1.1.7 Provision of samples

Only those tenders submitted by tenderers who provided acceptable samples as stated in the Tender Specifications will be declared responsive.

Samples may be requested during the evaluation phase from responsive tenderers for selected line items only, for the purpose of confirming full compliance.

Failure to provide requested samples within the specified timeframe may result in the tender being deemed non-responsive for the affected line items.

2.2.2 Cost of tendering

The CCT will not be liable for any costs incurred in the preparation and submission of a tender offer, including the costs of any testing necessary to demonstrate that aspects of the offer complies with requirements.

2.2.3 Check documents

The documents issued by the CCT for the purpose of a tender offer are listed in the index of this tender document.

Before submission of any tender, the tenderer should check the number of pages, and if any are found to be missing or duplicated, or the figures or writing is indistinct, or if the Price Schedule contains any obvious errors, the tenderer must apply to the CCT at once to have the same rectified.

2.2.4 Confidentiality and copyright of documents

The tenderer shall treat as strictly confidential all matters arising in connection with the tender. Use and copy the documents issued by the CCT only for the purpose of preparing and submitting a tender offer in response to the invitation.

2.2.5 Reference documents

The tenderer shall obtain, as necessary for submitting a tender offer, copies of the latest versions of standards, specifications, Conditions of Contract and other publications, which are not attached but which are incorporated into the tender document(s) by reference.

2.2.6 Acknowledge and comply with notices

The tenderer shall acknowledge receipt of notices to the tender documents, which the CCT may issue, and shall fully comply with all instructions issued in the said notices, and if necessary, apply for an extension of the closing time stated on the front page of the tender document, in order to take the notices into account. Notwithstanding any requests for confirmation of receipt of the said notices issued, the tenderer shall be deemed to have received such notices if the CCT can show proof of transmission thereof via electronic mail, facsimile, or registered post or other lawful means.

2.2.7 Clarification meeting

The tenderer shall attend, where required, a clarification meeting at which tenderers may familiarise themselves with aspects of the proposed work, services or supply and pose questions. Details of the meeting(s) are stated in the General Tender Information (i.e., in item T.1 above).

Tenderers should be represented at the site visit/clarification meeting by a duly authorised person who is suitably qualified and experienced to comprehend the implications of the work involved.

2.2.8 Seek clarification

The tenderer shall request clarification of the tender documents, if necessary, by notifying the CCT at least one week before the closing time stated in the General Tender Information (i.e., in item T.1 above), where possible.

2.2.9 Pricing the tender offer

2.2.9.1 The tenderer shall comply with all pricing instructions as stated on the Price Schedule.

2.2.10 Alterations to documents

The tenderer shall not make any alterations or additions to the tender documents, except to comply with instructions issued by the CCT in writing, or necessary to correct errors made by the tenderer. All signatories to the tender offer shall initial all such alterations.

2.2.11 Alternative tender offers

2.2.11.1 Unless otherwise stated in the Conditions of Tender, the tenderers may submit alternative tender offers only if a main tender offer, strictly in accordance with all the requirements of the tender documents, is also submitted.

If a tenderer wishes to submit an alternative tender offer, he/she/it shall do so as a separate offer on a complete set of tender documents. The alternative tender offer shall be submitted in a separate sealed envelope clearly marked "Alternative Tender" in order to distinguish it from the main tender offer.

Only the alternative of the highest ranked acceptable main tender offer (that is, submitted by the same tenderer) will be considered, and if appropriate, recommended for award.

Alternative tender offers of any but the highest ranked main tender offer will not be considered.

An alternative tender offer to the highest ranked acceptable main tender offer that is priced higher than the main tender offer may be recommended for award, provided that the ranking of the alternative tender offer is higher than the ranking of the next ranked acceptable main tender offer.

The CCT will not be bound to consider alternative tenders and shall have sole discretion in this regard.

In the event that the alternative is accepted, the tenderer warrants that the alternative offer complies in all respects with the CCT's standards and requirements as set out in the tender document.

2.2.11.2 Acceptance of an alternative tender offer by the CCT may be based only on the criteria stated in the Conditions of Tender or applicable criteria otherwise acceptable to the CCT.

2.2.12 Submitting a tender offer

2.2.12.1 The tenderer is required to submit one tender offer only on the original tender documents as issued by the CCT, either as a single tendering entity or as a member in a joint venture to provide the whole of the works, services or supply identified in the Conditions of Contract and described in the Specifications. Only those tenders submitted on the tender documents as issued by the CCT together with all Tender Returnable Documents duly completed and signed will be declared responsive.

2.2.12.2 The tenderer shall return the entire tender document to the CCT after completing it in its entirety, either electronically (if they were issued in electronic format) or by writing legibly in non-erasable ink.

2.2.12.3 The tenderer shall sign the original tender offer where required in terms of the Conditions of Tender. The tender shall be signed by a person duly authorised by the tenderer to do so. Tenders submitted by joint ventures of two or more firms shall be accompanied by the document of formation / founding document of the joint venture or any other document signed by all Parties, in which is defined precisely the conditions under which the joint venture will function, its period of duration, the persons authorised to represent and obligate it, the participation of the several firms forming the joint venture, and any other information necessary to permit a full appraisal of its functioning. Signatories for tenderers proposing to contract as joint ventures shall state which of the signatories is the lead partner.

2.2.12.4 Where a two-envelope system is required in terms of the Conditions of Tender, place and seal the returnable documents listed in the Conditions of Tender in an envelope marked "financial proposal" and place the remaining returnable documents in an envelope marked "technical proposal". Each envelope shall state on the outside the CCT's address and identification details stated in the General Tender Information (i.e., item T.1 above), as well as the tenderer's name and contact address.

2.2.12.5 The tenderer shall seal the original tender offer and copy packages together in an outer package that states on the outside only the CCT's address and identification details as stated in the General Tender

Information. . If it is not possible to submit the original tender and the required copies (see 2.2.12.3) in a single envelope, then the tenderer must seal the original and each copy of the tender offer as separate packages marking the packages as "ORIGINAL" and "COPY" in addition to the aforementioned tender submission details.

2.2.12.6 The CCT shall not assume any responsibility for the misplacement or premature opening of the tender offer if the outer package is not sealed and marked as stated.

2.2.12.7 Tender offers submitted by facsimile or e-mail will be rejected by the CCT, unless stated otherwise in the Conditions of Tender.

2.2.12.8 By signing the offer part of the Form of Offer (**Section C.2.1**) the tenderer warrants and agrees that all information provided in the tender submission is true and correct.

2.2.12.9 Tenderers shall properly deposit its bid in the designated tender box (as detailed on the front page of this tender document) on or before the closing date and before the closing time, in the relevant tender box at the Tender & Quotation Boxes Office situated on the 2nd floor, Concourse Level, Civic Centre, 12 Hertzog Boulevard, Cape Town. If the tender submission is too large to fit in the allocated box, please enquire at the public counter for assistance.

2.2.12.10 The tenderer must record and reference all information submitted contained in other documents for example cover letters, brochures, catalogues, etc. in the Returnable Schedule titled **List of Other Documents Attached by Tenderer**.

2.2.13 Information and data to be completed in all respects

Tender offers, which do not provide all the data or information requested completely and in the form required, may be regarded by the CCT as non-responsive.

2.2.14 Closing time

2.2.14.1 The tenderer shall ensure that the CCT receives the tender offer, together with all applicable documents specified herein, at the address specified in the General Tender Information herein prior to the closing time stated on the front page of the tender document.

2.2.14.2 If the CCT extends the closing time stated on the front page of the tender document for any reason, the requirements of these Conditions of Tender apply equally to the extended deadline.

2.2.14.3 The CCT shall not consider tenders that are received after the closing date and time for such a tender (late tenders).

2.2.15 Tender offer validity and withdrawal of tenders

2.2.15.1 The tenderer shall warrant that the tender offer(s) remains valid, irrevocable and open for acceptance by the CCT at any time for a period of 120 days after the closing date stated on the front page of the tender document.

2.2.15.2 Notwithstanding the period stated in clause 2.2.15.1 above, bids shall remain valid for acceptance for a period of twelve (12) months after the expiry of the original validity period, unless the CCT is notified in writing of anything to the contrary by the bidder. The validity of bids may be further extended by a period of not more than six months subject to mutual agreement by the parties, administrative processes and upon approval by the City Manager, unless the required extension is as a result of an appeal process or court ruling.

In circumstances where the validity period of a tender has expired, and the tender has not been awarded, the tender process is considered "completed", despite there being no decision (award or cancellation) made. This anomaly does not fall under any of the listed grounds of cancellation and should be treated as a "non award". A "non award" is supported as a recommendation to the CCT's Bod Adjudication Committee ("BAC") for noting.

2.2.15.3 A tenderer may request in writing, after the closing date, that its tender offer be withdrawn. Such withdrawal will be permitted or refused at the sole discretion of the CCT after consideration of the reasons for the withdrawal, which shall be fully set out by the tenderer in such written request for

withdrawal. Should the tender offer be withdrawn in contravention hereof, the tenderer agrees that:

- a) it shall be liable to the CCT for any additional expense incurred or losses suffered by the CCT in having either to accept another tender or, if new tenders have to be invited, the additional expenses incurred or losses suffered by the invitation of new tenders and the subsequent acceptance of any other tender;
- b) the CCT shall also have the right to recover such additional expenses or losses by set-off against monies which may be due or become due to the tenderer under this or any other tender or contract or against any guarantee or deposit that may have been furnished by the tenderer or on its behalf for the due fulfilment of this or any other tender or contract. Pending the ascertainment of the amount of such additional expenses or losses, the CCT shall be entitled to retain such monies, guarantee or deposit as security for any such expenses or loss, without prejudice to the CCT's other rights and/or remedies available to it in accordance with any applicable laws.

2.2.16 Clarification of tender offer, or additional information, after submission

Tenderer's shall promptly provide clarification of its tender offer, or additional information, in response to a written request to do so from the CCT during the evaluation of tender offers within the time period stated in such request. No change in the competitive position of tenderers or substance of the tender offer is sought, offered, or permitted.

Note: This clause does not preclude the negotiation of the final terms of the contract with a preferred tenderer following a competitive selection process, should the CCT elect to do so.

Failure, or refusal, to provide such clarification or additional information within the time for submission stated in the CCT's written request may render the tender non-responsive.

2.2.17 Provide other material

2.2.17.1 Tenderer's shall promptly provide, upon request by the CCT, any other material that has a bearing on the tender offer, the tenderer's commercial position (including joint venture agreements), preferencing arrangements, or samples of materials, considered necessary by the CCT for the purpose of the evaluation of the tender. Should the tenderer not provide the material, or a satisfactory reason as to why it cannot be provided, by the time for submission stated in the CCT's request, the CCT may regard the tender offer as non-responsive.

2.2.17.2 The tenderer shall provide, on written request by the CCT, where the transaction value inclusive of VAT **exceeds R 10 million**:

- a) audited annual financial statement for the past 3 years, or for the period since establishment if established during the past 3 years, if required by law to prepare annual financial statements for auditing;
- b) a certificate signed by the tenderer certifying that the tenderer has no undisputed commitments for municipal services towards a municipality or other service provider in respect of which payment is overdue for more than 30 days;
- c) particulars of any contracts awarded to the tenderer by an organ of state during the past five years, including particulars of any material non-compliance or dispute concerning the execution of such contract;
- d) a statement indicating whether any portion of the goods or services are expected to be sourced from outside the Republic, and, if so, what portion and whether any portion of payment from the municipality or municipal entity is expected to be transferred out of the Republic.

Each entity to a Consortium/Joint Venture bid shall submit separate certificates/statements in the above regard.

2.2.17.3 Tenderers shall be required to undertake to fully cooperate with the CCT's external service provider appointed to perform a due diligence review and risk assessment upon receipt of such written instruction from the CCT.

2.2.18 Samples, Inspections, tests and analysis

Tenderers shall provide access during working hours to premises for inspections, tests and analysis as provided for in the Conditions of Tender or Specifications.

If the Specifications requires the tenderer to provide samples, these shall be provided strictly in accordance with the instructions set out in the Specification.

If such samples are not submitted as required in the bid documents or within any further time stipulated by the CCT in writing, then the bid concerned may be declared non-responsive.

The samples provided by all successful bidders will be retained by the CCT for the duration of any subsequent contract. Bidders are to note that samples are requested for testing purposes therefore samples submitted to the CCT may not in all instances be returned in the same state of supply and in other instances may not be returned at all. Unsuccessful bidders will be advised by the Project Manager or dedicated CCT Official to collect their samples, save in the aforementioned instances where the samples would not be returned.

2.2.19 Certificates

The tenderer must provide the CCT with all certificates as stated below:

2.2.19.1. Preference Points for Specific Goals

In order to qualify for preference points for HDI and/or Specific Goals, it is the responsibility of the tenderer to submit documentary proof (Company registration certification, Central Supplier Database report, BBBEE certificate, Proof of Disability, Financial Statements, commissioned sworn affidavits, etc.) in support of tenderer claims for such preference for that specific goal.

Tenderers are further referred to the content of the Preference Schedule for the full terms and conditions applicable to the awarding of preference points.

2.2.19.2 Evidence of tax compliance

Tenderers shall be registered with the South African Revenue Service (SARS) and their tax affairs must be in order and they must be tax compliant subject to the requirements of clause 2.2.1.1.2.h. In this regard, it is the responsibility of the Tenderer to submit evidence in the form of a valid Tax Compliance Status PIN issued by SARS to the CCT at the Supplier Management Unit located within the Supplier Management / Registration Office, 2nd Floor (Concourse Level), Civic Centre, 12 Hertzog Boulevard, Cape Town (Tel 021 400 9242/3/4/5), or included with this tender. The tenderer must record its Tax Compliance Status PIN number on the **Details of Tenderer** pages of the tender submission.

Each party to a Consortium/Joint Venture shall submit a separate Tax Compliance Status Pin.

Before making an award the CCT must verify the bidder's tax compliance status. Where the recommended bidder is not tax compliant, the bidder should be notified of the non-compliant status and be requested to submit to the CCT, within 7 working days, written proof from SARS that they have made arrangement to meet their outstanding tax obligations. The proof of tax compliance submitted by the bidder must be verified by the CCT via CSD or e-Filing. The CCT should reject a bid submitted by the bidder if such bidder fails to provide proof of tax compliance within the timeframe stated herein.

Only foreign suppliers who have answered "NO" to all the questions contained in the Questionnaire to Bidding Foreign Suppliers section on the **Details of Tenderer** pages of the tender submission, are not required to register for a tax compliance status with SARS.

2.2.20 Compliance with Occupational Health and Safety Act, 85 of 1993

Tenderers are to note the requirements of the Occupational Health and Safety Act, 85 of 1993. The Tenderer shall be deemed to have read and fully understood the requirements of the above Act and Regulations and to have allowed for all costs in compliance therewith.

In this regard the Tenderer shall submit **upon written request to do so by the CCT**, a Health and

Safety Plan in sufficient detail to demonstrate the necessary competencies and resources to deliver the goods or services all in accordance with the Act, Regulations and Health and Safety Specification.

2.2.21 Claims arising from submission of tender

By responding to the tender herein, the tenderer warrants that it has:

- a) Inspected the Specifications and read and fully understood the Conditions of Contract.
- b) Read and fully understood the whole text of the Specifications and Price Schedule and thoroughly acquainted himself with the nature of the goods or services proposed and generally of all matters which may influence the Contract.
- c) visited the site(s) where delivery of the proposed goods will take place, carefully examined existing conditions, the means of access to the site(s), the conditions under which the delivery is to be made, and acquainted himself with any limitations or restrictions that may be imposed by the Municipal or other Authorities in regard to access and transport of materials, plant and equipment to and from the site(s) and made the necessary provisions for any additional costs involved thereby.
- d) requested the CCT to clarify the actual requirements of anything in the Specifications and Price Schedule, the exact meaning or interpretation of which is not clearly intelligible to the Tenderer.
- e) Received any notices to the tender documents which have been issued in accordance with the CCT's Supply Chain Management Policy.

The CCT will therefore not be liable for the payment of any extra costs or claims arising from the submission of the tender.

2.2.22 Collection and issuing of tender documents

The CCT will only issue tender documents through its Tender Distribution Office and/or the official CCT tender portal. Bidders who obtain documents through any means other than described herein, will not be known to the CCT and may thus not receive tender notices and addendums. Tenderers are not allowed to distribute tender documents to other potential bidders.

It is the responsibility of bidders who obtain documents through any means other than described herein, to notify the CCT tender representative thereof that they are participating in the tender. The CCT accepts no liability for any tender notices or addendums not reaching any bidders, who obtained documents through any means other than described herein or who provided incorrect contact details to the CCT.

2.3 The CCT's undertakings

2.3.1 Respond to requests from the tenderer

2.3.1.1 Unless otherwise stated in the Conditions of Tender, the CCT shall respond to a request for clarification received up to one week (where possible) before the tender closing time stated on the front page of the tender document.

2.3.1.2 The CCT's duly authorised representative for the purpose of this tender is stated on the General Tender Information page above.

2.3.2 Issue Notices

If necessary, the CCT may issue addenda in writing that may amend or amplify the tender documents to each tenderer during the period from the date the tender documents are available until one week before the tender closing time stated in the Tender Data. The CCT reserves its rights to issue addenda less than one week before the tender closing time in exceptional circumstances. If, as a result a tenderer applies for an extension to the closing time stated on the front page of the tender document, the CCT may grant such extension and, shall then notify all tenderers who drew documents.

Notwithstanding any requests for confirmation of receipt of notices issued, the tenderer shall be deemed to have received such notices if the CCT can show proof of transmission thereof via electronic mail, facsimile or registered post.

2.3.3 Opening of tender submissions

2.3.3.1 Unless the two-envelope system is to be followed, CCT shall open tender submissions in the presence of tenderers' agents who choose to attend at the time and place stated in the Conditions of Tender.

Tenders will be opened immediately after the closing time for receipt of tenders as stated on the front page of the tender document, or as stated in any Notice extending the closing date and at the closing venue as stated in the General Tender Information.

2.3.3.2 Announce at the meeting held immediately after the opening of tender submissions, at the closing venue as stated in the General Tender Information, the name of each tenderer whose tender offer is opened and, where possible, the prices indicated.

2.3.3.3 Make available a record of the details announced at the tender opening meeting on the CCT's website (<http://www.capetown.gov.za/en/SupplyChainManagement/Pages/default.aspx>.)

2.3.4 two-envelope system

2.3.4.1 Where stated in the Conditions of Tender that a two-envelope system is to be followed, the CCT shall open only the technical proposal of tenders in the presence of tenderers' agents who choose to attend at the time and place stated in the Conditions of Tender and announce the name of each tenderer whose technical proposal is opened.

2.3.4.2 The CCT shall evaluate the quality of the technical proposals offered by tenderers, then advise tenderers who have submitted responsive technical proposals of the time and place when the financial proposals will be opened. The CCT shall open only the financial proposals of tenderers, who have submitted responsive technical proposals in accordance with the requirements as stated in the Conditions of Tender, and announce the total price and any preference claimed. Return unopened financial proposals to tenderers whose technical proposals were non responsive.

2.3.5 Non-disclosure

The CCT shall not disclose to tenderers, or to any other person not officially concerned with such processes, information relating to the evaluation and comparison of tender offers and recommendations for the award of a contract, until after the award of the contract to the successful tenderer.

2.3.6 Grounds for rejection and disqualification

The CCT shall determine whether there has been any effort by a tenderer to influence the processing of tender offers and instantly disqualify a tenderer (and his tender offer) if it is established that he engaged in corrupt or fraudulent practices.

2.3.7 Test for responsiveness

2.3.7.1 Appoint a Bid Evaluation Committee and determine after opening whether each tender offer properly received:

- a) complies with the requirements of these Conditions of Tender,
- b) has been properly and fully completed and signed, and
- c) is responsive to the other requirements of the tender documents.

2.3.7.2 A responsive tender is one that conforms to all the terms, conditions, and specifications of the tender documents without material deviation or qualification. A material deviation or qualification is one which, in the CCT's opinion, would:

- a) Detrimentially affect the scope, quality, or performance of the goods, services or supply identified in the Specifications,
 - b) Significantly change the CCT's or the tenderer's risks and responsibilities under the contract,
- or

- c) affect the competitive position of other tenderers presenting responsive tenders, if it were to be rectified.

Reject a non-responsive tender offer, and not allow it to be subsequently made responsive by correction or withdrawal of any material deviation or qualification.

The CCT reserves the right to accept a tender offer which does not, in the CCT's opinion, materially and/or substantially deviate from the terms, conditions, and specifications of the tender documents.

2.3.8 Arithmetical errors, omissions and discrepancies

2.3.8.1 Check the responsive tenders for:

- a) The gross misplacement of the decimal point in any unit rate;
- b) Omissions made in completing the Price Schedule; or
- c) Arithmetic errors in:
 - i) line item totals resulting from the product of a unit rate and a quantity in the Price Schedule; or
 - ii) The summation of the prices; or
 - iii) Calculation of individual rates.

2.3.8.2 The CCT must correct the arithmetical errors in the following manner:

- a) Where there is a discrepancy between the amounts in words and amounts in figures, the amount in words shall govern.
- b) If pricing schedules apply and there is an error in the line item total resulting from the product of the unit rate and the quantity, the line item total shall govern and the rate shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line item total as tendered shall govern, and the unit rate shall be corrected.
- c) Where there is an error in the total of the prices either as a result of other corrections required by this checking process or in the tenderer's addition of prices, the total of the prices shall govern and the tenderer will be asked to revise selected item prices (and their rates if Price Schedules apply) to achieve the tendered total of the prices.

Consider the rejection of a tender offer if the tenderer does not correct or accept the correction of the arithmetical error in the manner described above.

2.3.8.3 In the event of tendered rates or lump sums being declared by the CCT to be unacceptable to it because they are not priced, either excessively low or high, or not in proper balance with other rates or lump sums, the tenderer may be required to produce evidence and advance arguments in support of the tendered rates or lump sums objected to. If, after submission of such evidence and any further evidence requested, the CCT is still not satisfied with the tendered rates or lump sums objected to, it may request the tenderer to amend these rates and lump sums along the lines indicated by it.

The tenderer will then have the option to alter and/or amend the rates and lump sums objected to and such other related amounts as are agreed on by the CCT, but this shall be done without altering the tender offer in accordance with this clause.

Should the tenderer fail to amend his tender in a manner acceptable to and within the time stated by the CCT, the CCT may declare the tender as non-responsive.

2.3.9 Clarification of a tender offer

The CCT may, after the closing date, request additional information or clarification from tenderers, in writing on any matter affecting the evaluation of the tender offer or that could give rise to ambiguity in a contract arising from the tender offer, which written request and related response shall not change or affect their competitive position or the substance of their offer. Such request may only be made in writing by the Director: Supply Chain Management using any means as appropriate.

2.3.10 Evaluation of tender offers

2.3.10.1 General

2.3.10.1.1 The CCT may reduce each responsive tender offer to a comparative price and evaluate them using the tender evaluation methods and associated evaluation criteria and weightings that are specified in the Conditions of Tender.

2.3.10.1.2 For evaluation purposes only, the effects of the relevant contract price adjustment methods will be considered in the determination of comparative prices as follows:

- a) If the selected method is based on bidders supplying rates or percentages for outer years, comparative prices would be determined over the entire contract period based on such rates or percentages.
- b) If the selected method is based on a formula, indices, coefficients, etc. that is the same for all bidders during the contract period, comparative prices would be the prices as tendered for year one.
- c) If the selected method is based on a formula, indices, coefficients, etc. that varies between bidders, comparative prices would be determined over the entire contract period based on published indices relevant during the 12 months prior to the closing date of tenders.
- d) If the selected method includes an imported content requiring rate of exchange variation, comparative prices would be determined based on the exchange rates tendered for the prices as tendered for year one. The rand equivalent of the applicable currency 14 days prior to the closing date of tender will be used (the CCT will check all quoted rates against those supplied by its own bank).
- e) If the selected method is based on suppliers' price lists, comparative prices would be the prices as tendered for year one.
- f) If the selected method is based on suppliers' price lists and / or rate of exchange, comparative prices would be determined as tendered for year one whilst taking into account the tendered percentage subject to rate of exchange (see sub clause (d) for details on the calculation of the rate of exchange).

2.3.10.1.3 Where the scoring of functionality forms part of a bid process, each member of the Bid Evaluation Committee must individually score functionality. The individual scores must then be interrogated and calibrated if required where there are significant discrepancies. The individual scores must then be added together and averaged to determine the final score.

2.3.10.2 Decimal places

Score financial offers, preferences and functionality, as relevant, to two decimal places.

2.3.10.3 Scoring of tenders (price and preference)

2.3.10.3.1 Points for price will be allocated in accordance with the formula set out in this clause based on the price per item / rates as set out in the **Price Schedule (Section C.4)**:

- Based on the sum of the prices/rates in relation to the estimated quantities.

2.3.10.3.2 Points for preference will be allocated in accordance with the provisions of **Preference Schedule** and the table in this clause.

2.3.10.3.3 The terms and conditions of **Preference Schedule** as it relates to preference shall apply in all respects to the tender evaluation process and any subsequent contract.

2.3.10.3.4 Applicable formula:

The 80/20 preference point system will apply to this tender

The 80/20 price/preference points system will be applied to the evaluation of responsive tenders up to and including a Rand value of R50'000'000 (all applicable taxes included), whereby the order(s) will be placed with the tenderer(s) scoring the highest total number of adjudication points.

Price shall be scored as follows:

$$P_s = 80 \times \left(1 - \frac{(P_t - P_{min})}{P_{min}}\right)$$

Where: Ps is the number of points scored for price;
Pt is the price of the tender under consideration;
Pmin is the price of the lowest responsive tender.

Preference points shall be based on the Specific Goal as per below:

Table B1: Awards above R750 000 and up to R50 mil (VAT Inclusive)

#	Specific goals allocated points	Preference Points (80/20) <i>Equal/ below R50 mil</i>	Evidence	Additional Guidance
<i>Persons, or categories of persons, historically disadvantaged- (HDI) by unfair discrimination on the basis of</i>				
1	Gender are women (ownership)* >75% - 100% women ownership: 5 points >50% - 75% women ownership: 4 points >25% - 50% women ownership: 3 points >0% - 25% women ownership: 2 points 0% women ownership = 0 points	5	<ul style="list-style-type: none"> Company Registration Certification Central Supplier Database report 	<ul style="list-style-type: none"> Issued by the Companies and Intellectual Property Commission Report name: CSD Registration report
2	Race are black persons (ownership)* >75% - 100% black ownership: 5 points >50% - 75% black ownership: 4 points >25% - 50% black ownership: 3 points >0% - 25% black ownership: 2 points 0% black ownership = 0 points	5	<ul style="list-style-type: none"> B-BBEE certificate; Company Registration Certification Central Supplier Database report 	<ul style="list-style-type: none"> South African National Accreditation System approved certificate or commissioned sworn affidavit Issued by the Companies and Intellectual Property Commission Report name: CSD Registration report
3	Disability are disabled persons (ownership)* <i>WHO disability guideline</i> >2% ownership: 3 points >0% - 2% ownership: 1.5 point 0% ownership = 0 points	3	<ul style="list-style-type: none"> Proof of disability Company Registration Certification 	<ul style="list-style-type: none"> Medical certificate/ South African Revenue Services disability registration Issued by the Companies and Intellectual Property Commission
<i>Reconstruction and Development Programme (RDP) as published in Government Gazette</i>				
4	Promotion of Micro and Small Enterprises <i>Micro with a turnover up to R20million and Small with a turnover up to R80 million as per National Small Enterprise Act, 1996 (Act No.102 of 1996)</i> <i>SME partnership, sub-contracting, joint venture or consortiums</i>	7	<ul style="list-style-type: none"> B-BBEE status level of contributor; South African owned enterprises; Financial Statement to determine annual turnover 	<ul style="list-style-type: none"> Specifically in line with the respective sector codes which the company operates, South African National Accreditation System approved certificate or commissioned sworn affidavit Certificate of incorporation or commissioned sworn affidavit Latest financial statements (1 Year)
	Total points	20		

*Ownership: main tendering entity

2.3.10.5 Risk Analysis

Notwithstanding compliance with regard to any requirements of the tender, the CCT will perform a risk analysis in respect of the following:

- a) reasonableness of the financial offer
- b) reasonableness of unit rates and prices
- c) the tenderer's ability to fulfil its obligations in terms of the tender document, that is, that the tenderer can demonstrate that he/she possesses the necessary professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical facilities, managerial capability, reliability, capacity, experience, reputation, personnel to perform the contract, etc.; the CCT reserves the right to consider a tenderer's existing contracts with the CCT in this regard
- d) any other matter relating to the submitted bid, the tendering entity, matters of compliance, verification of submitted information and documents, etc.

The conclusions drawn from this risk analysis will be used by the CCT in determining the acceptability of the tender offer.

No tenderer will be recommended for an award unless the tenderer has demonstrated to the satisfaction of the CCT that he/she has the resources and skills required.

2.3.11 Negotiations with preferred tenderers

The CCT may negotiate the final terms of a contract with tenderers identified through a competitive tendering process as preferred tenderers provided that such negotiation:

- a) Does not allow any preferred tenderer a second or unfair opportunity;
- b) Is not to the detriment of any other tenderer; and
- c) Does not lead to a higher price than the tender as submitted.

If negotiations fail to result in acceptable contract terms, the City Manager (or his delegated authority) may terminate the negotiations and cancel the tender, or invite the next ranked tenderer for negotiations. The original preferred tenderer should be informed of the reasons for termination of the negotiations. If the decision is to invite the next highest ranked tenderer for negotiations, the failed earlier negotiations may not be reopened by the CCT.

Minutes of any such negotiations shall be kept for record purposes.

The provisions of this clause will be equally applicable to any invitation to negotiate with any other tenderers.

In terms of the CCT's SCM Policy, tenders must be cancelled in the event that negotiations fail to achieve a market related price with any of the three highest scoring tenderers.

2.3.12 Acceptance of tender offer

Notwithstanding any other provisions contained in the tender document, the CCT reserves the right to:

2.3.12.1 Accept a tender offer(s) which does not, in the CCT's opinion, materially and/or substantially deviate from the terms, conditions, and specifications of the tender document.

2.3.12.2 Accept the whole tender or part of a tender or any item or part of any item or items from multiple manufacturers, or to accept more than one tender (in the event of a number of items being offered), and the CCT is not obliged to accept the lowest or any tender.

2.3.12.3 Accept the tender offer(s), if in the opinion of the CCT, it does not present any material risk and only if the tenderer(s):

- a) is not under restrictions, has any principals who are under restrictions, or is not currently a

- supplier to whom notice has been served for abuse of the supply chain management system, preventing participation in the CCT's procurement,
- b) can, as necessary and in relation to the proposed contract, demonstrate that he or she possesses the professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical facilities, managerial capability, reliability, experience and reputation, expertise and the personnel, to perform the contract,
 - c) has the legal capacity to enter into the contract,
 - d) is not insolvent, in receivership, under Business Rescue as provided for in chapter 6 of the Companies Act, 2008, bankrupt or being wound up, has his affairs administered by a court or a judicial officer, has suspended his business activities, or is subject to legal proceedings in respect of any of the foregoing, complies with the legal requirements, if any, stated in the tender data, and
 - e) is able, in the opinion of the CCT, to perform the contract free of conflicts of interest.

If an award cannot be made in terms of anything contained herein, the CCT reserves the right to consider the next ranked tenderer(s).

2.3.12.4 The CCT reserves the right not to make an award, or revoke an award already made, where the implementation of the contract may result in reputational risk or harm to the CCT as a result of (inter alia):

- a) reports of poor governance or unethical behaviour, or both;
- b) association with known notorious individuals and family of notorious individuals;
- c) poor performance issues, known to the CCT;
- d) negative media reports, including negative social media reports;
- e) adverse assurance (e.g. due diligence) report outcomes; and
- f) circumstances where the relevant vendor has employed, or is directed by, anyone who was previously employed in the service of the state (as defined in clause 1.53 of the SCM Policy), where the person is or was negatively implicated in any SCM irregularity.

2.3.12.5 The CCT reserves the right to nominate a Standby Bidder at the time when an award is made and in the event that a contract is terminated during the execution thereof, the CCT may consider the award of the contract, or non-award, to the Standby Bidder in terms of the procedures included in its SCM Policy.

2.3.13 Prepare contract documents

2.3.13.1 If necessary, revise documents that shall form part of the contract and that were issued by the CCT as part of the tender documents to take account of:

- a) Notices issued during the tender period,
- b) Inclusion of some of the returnable documents, and
- c) Other revisions agreed between the CCT and the successful tenderer.

2.3.13.2 Complete the schedule of deviations attached to the form of offer and acceptance, if any.

2.3.14 Notice to successful and unsuccessful tenderers

2.3.14.1 Before accepting the tender of the successful tenderer the CCT shall notify the successful tenderer in writing of the decision of the CCT's Bid Adjudication Committee to award the tender to the successful tenderer. No rights shall accrue to the successful tenderer in terms of this notice

2.3.14.2 The CCT shall, at the same time as notifying the successful tenderer of the Bid Adjudication Committee's decision to award the tender to the successful tenderer, also give written notice to the other tenderers informing them that they have been unsuccessful.

2.3.15 Provide written reasons for actions taken

Provide upon request written reasons to tenderers for any action that is taken in applying these Conditions of Tender, but withhold information which is not in the public interest to be divulged, which is considered to prejudice the legitimate commercial interests of tenderers or might prejudice fair competition between tenderers.

TENDER DOCUMENT GOODS AND SERVICES		 CITY OF CAPE TOWN ISIXEKO SASEKAPA STAD KAAPSTAD
SUPPLY CHAIN MANAGEMENT		
SCM - 542	Approved by Branch Manager: February 2024	Version: 10 Page 21 of 80

TENDER NO: 165G/2025/26
TENDER DESCRIPTION: SUPPLY AND DELIVERY OF CHEMICALS AND CONSUMABLES FOR THE CITY OF CAPE TOWN
CONTRACT PERIOD: 36 MONTHS FROM THE COMMENCEMENT DATE OF THE CONTRACT

THE CONTRACT

THE CITY OF CAPE TOWN	
A metropolitan municipality, established in terms of the Local Government: Municipal Structures Act, 117 of 1998 read with the Province of the Western Cape: Provincial Gazette 5588 dated 22 September 2000, as amended (“the Purchaser”) herein represented by	
AUTHORISED REPRESENTATIVE	

AND

SUPPLIER	
NAME of Company/Close Corporation or Partnership / Joint Venture/ Consortium or Sole Proprietor /Individual (The “Supplier” / “tenderer”)	
TRADING AS (if different from above)	
REGISTRATION NUMBER	
PHYSICAL ADDRESS / CHOSEN DOMICILIUM CITANI ET EXECTUANDI OF THE SUPPLIER	
AUTHORISED REPRESENTATIVE	
CAPACITY OF AUTHORISED REPRESENTATIVE	

(HEREINAFTER COLLECTIVELY REFERRED TO AS “THE PARTIES” AND INDIVIDUALLY A “PARTY”)

NATURE OF TENDER OFFER (please indicate below)	
Main Offer (see clause 2.2.11.1)	
Alternative Offer (see clause 2.2.11.1)	

C.1 DETAILS OF TENDERER/SUPPLIER

1.1 Type of Entity (Please tick one box)

- Individual / Sole Proprietor
 Close Corporation
 Company
- Partnership or Joint Venture or Consortium
 Trust
 Other:

1.2 Required Details (Please provide applicable details in full):

Name of Company / Close Corporation or Partnership / Joint Venture / Consortium or Individual /Sole Proprietor	
Trading as (if different from above)	
Company / Close Corporation registration number (if applicable)	
Postal address	Postal Code _____
Physical address (Chosen Domicilium Citandi Et Executandi)	Postal Code _____
Contact details of the person duly authorised to represent the tenderer	Name: Mr/Ms _____ (Name & Surname) Telephone :(_____) _____ Fax :(_____) _____ Cellular Telephone: _____ E-mail address: _____
Income tax number	
VAT registration number	
SARS Tax Compliance Status PIN	
CCT Supplier Database Registration Number (See Conditions of Tender)	
National Treasury Central Supplier Database registration number (See Conditions of Tender)	
Is tenderer the accredited representative in South Africa for the Goods / Services / Works offered?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, enclose proof
Is tenderer a foreign based supplier for the Goods / Services / Works offered?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, answer the Questionnaire to Bidding Foreign Suppliers (below)
Questionnaire to Bidding Foreign Suppliers	a) Is the tenderer a resident of the Republic of South Africa or an entity registered in South Africa? <input type="checkbox"/> Yes <input type="checkbox"/> No
	b) Does the tenderer have a permanent establishment in the Republic of South Africa? <input type="checkbox"/> Yes <input type="checkbox"/> No
	c) Does the tenderer have any source of income in the Republic of South Africa? <input type="checkbox"/> Yes <input type="checkbox"/> No
	d) Is the tenderer liable in the Republic of South Africa for any form of taxation? <input type="checkbox"/> Yes <input type="checkbox"/> No

C.2 FORM OF OFFER AND ACCEPTANCE

165G/2025/26 - SUPPLY AND DELIVERY OF CHEMICALS AND CONSUMABLES FOR THE CITY OF CAPE TOWN

C.2.1 Offer (To Be Completed by the Tenderer as Part of Tender Submission)

The tenderer, identified in the offer signature table below,

HEREBY AGREES THAT by signing the *Form of Offer and Acceptance*, the tenderer:

1. confirms that it has examined the documents listed in the Index (including Schedules and Annexures) and has accepted all the Conditions of Tender;
2. confirms that it has received and incorporated any and all notices issued to tenderers issued by the CCT;
3. confirms that it has satisfied itself as to the correctness and validity of the tender offer; that the price(s) and rate(s) offered cover all the goods and/or services specified in the tender documents; that the price(s) and rate(s) cover all its obligations and accepts that any mistakes regarding price(s), rate(s) and calculations will be at its own risk;
4. offers to supply all or any of the goods and/or render all or any of the services described in the tender document to the CCT in accordance with the:
 - 4.1 terms and conditions stipulated in this tender document;
 - 4.2 specifications stipulated in this tender document; and
 - 4.3 at the prices as set out in the **Price Schedule**.
5. accepts full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on it in terms of the Contract.

SIGNED AT _____ (PLACE) ON THE _____ (DAY) OF _____ (MONTH AND YEAR)

For and on behalf of the Supplier
(Duly Authorised)
Name and Surname:

Witness 1 Signature
Name and Surname:

Witness 2 Signature
Name and Surname:

INITIALS OF CCT OFFICIALS		
1	2	3

FORM OF OFFER AND ACCEPTANCE (continued)

165G/2025/26 - SUPPLY AND DELIVERY OF CHEMICALS AND CONSUMABLES FOR THE CITY OF CAPE TOWN

C.2.2 Acceptance (To Be Completed by the CCT)

By signing this part of this *Form of Offer and Acceptance*, the CCT accepts the tenderer's (if awarded the Supplier's) offer. In consideration thereof, the CCT shall pay the Supplier the amount due in accordance with the conditions of contract. Acceptance of the Supplier's offer shall form an agreement between the CCT and the Supplier upon the terms and conditions contained in this document.

The terms of the agreement are contained in the Contract (as defined) including drawings and documents or parts thereof, which may be incorporated by reference.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the *Tender Returnable Documents* as well as any changes to the terms of the offer agreed by the tenderer and the CCT during this process of offer and acceptance, are contained in the *Schedule of Deviations* attached to and forming part of this *Form of Offer and Acceptance*. No amendments to or deviations from said documents are valid unless contained in the *Schedule of Deviations*.

The Supplier shall within 2 (two) weeks after receiving a complete, copy of the Contract, including the *Schedule of Deviations* (if any), contact the CCT to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documents to be provided in terms the *Special Conditions of Contract*. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation / breach of the agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the Commencement Date, being the date upon which the Supplier confirms receipt from the CCT of 1 (one) complete, signed copy of the Contract, including amendments or deviations contained in the *Schedule of Deviations* (if any).

For and on behalf of the City of Cape Town
(Duly Authorised)
Name and Surname:

Witness 1 Signature
Name and Surname:

Witness 2 Signature
Name and Surname:

FORM OF OFFER AND ACCEPTANCE (continued)

165G/2025/26 - SUPPLY AND DELIVERY OF CHEMICALS AND CONSUMABLES FOR THE CITY OF CAPE TOWN

C.2.3 Schedule of Deviations (To be Completed by the CCT upon Acceptance)

Notes:

1. The extent of deviations from the tender documents issued by the CCT before the tender closing date, is limited to those permitted in terms of the conditions of tender.
2. A tenderer's covering letter shall not be included in the final Contract document. Should any matter in such letter, which constitutes a deviation as aforesaid, become the subject of agreements reached during the process of offer and acceptance, the outcome of such agreement shall be recorded here.
3. Any other matter arising from the process of offer and acceptance either as a confirmation, clarification or change to the tender documents and which it is agreed by the Parties to become an obligation of the Contract, shall be recorded here.
4. Any change or addition to the tender documents arising from the above agreements and recorded here, shall form part of the Contract.

1 Subject

Details

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2 Subject

Details

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3 Subject

Details

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4 Subject

Details

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By the duly authorised representatives signing this agreement, the CCT and the tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to this tender document and addenda thereto as listed in the *Tender Returnable Documents*, as well as any confirmation, clarification or changes to the terms of the offer agreed by the tenderer and the CCT during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the Commencement Date, shall have any meaning or effect between the Parties arising from the agreement.

FORM OF OFFER AND ACCEPTANCE (continued)

165G/2025/26 - SUPPLY AND DELIVERY OF CHEMICALS AND CONSUMABLES FOR THE CITY OF CAPE TOWN

C.2.4 Confirmation of Receipt (To be Completed by Supplier upon Acceptance)

The Supplier identified in the offer part of the Contract hereby confirms receipt from the CCT of 1 (one) complete, signed copy of the Contract, including the *Schedule of Deviations* (if any) on:

The..... (Day)

Of..... (Month)

20..... (year)

At..... (Place)

For the Supplier: Signature(s)

Name(s)

Capacity

Signature and name of witness:

Signature Name

ONLY TO BE COMPLETED AT ACCEPTANCE STAGE

C.3 OCCUPATIONAL HEALTH AND SAFETY AGREEMENT

AGREEMENT MADE AND ENTERED INTO BETWEEN THE CCT (HEREINAFTER CALLED THE "CCT") AND

.....,
(Supplier/Mandatory/Company/CC Name)

IN TERMS OF SECTION 37(2) OF THE OCCUPATIONAL HEALTH AND SAFETY ACT, 85 OF 1993 AS AMENDED.

I,, representing

....., as an employer in its own right in its own right, do hereby undertake to ensure, as far as is reasonably practicable, that all work will be performed, and all equipment, machinery or plant used in such a manner as to comply with the provisions of the Occupational Health and Safety Act (hereafter "OHSA") and the Regulations promulgated thereunder.

I furthermore confirm that I am/we are registered with the Compensation Commissioner and that all registration and assessment monies due to the Compensation Commissioner have been fully paid or that I/We are insured with an approved licensed compensation insurer.

COID ACT Registration Number:

OR Compensation Insurer: Policy No:

I undertake to appoint, where required, suitable competent persons, in writing, in terms of the requirements of OHSA and the Regulations and to charge him/them with the duty of ensuring that the provisions of OHSA and Regulations as well as the Council's Special Conditions of Contract, Way Leave, Lock-Out and Work Permit Procedures are adhered to as far as reasonably practicable.

I further undertake to ensure that any subcontractors employed by me will enter into an occupational health and safety agreement separately, and that such subcontractors comply with the conditions set.

I hereby declare that I have read and understand the Occupational Health and Safety Specifications contained in this tender and undertake to comply therewith at all times.

I hereby also undertake to comply with the Occupational Health and Safety Specification and Plan submitted and approved in terms thereof.

Signed aton the.....day of.....20....

Witness

Mandatory

Signed at..... on the.....day of.....20

Witness

for and on behalf of
CCT

C.4 PRICE SCHEDULE

Bid specifications may not make any reference to any particular trade mark, name, patent, design, type, specific origin or producer, unless there is no other sufficiently precise or intelligible way of describing the characteristics of the work, in which case such reference must be accompanied by the words "or equivalent".

TENDERERS MUST NOTE THAT WHEREVER THIS DOCUMENT REFERS TO ANY PARTICULAR TRADE MARK, NAME, PATENT, DESIGN, TYPE, SPECIFIC ORIGIN OR PRODUCER, SUCH REFERENCE SHALL BE DEEMED TO BE ACCOMPANIED BY THE WORDS 'OR EQUIVALENT'

Group 1				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Ammonium Molybdate	500 GRAMS	EACH	
2	Barium Diphenyl Amine Sulphonate	25 GRAMS	EACH	
3	di-Sodium Tetraborate	500 GRAMS	EACH	
4	Potassium Iodide	500 GRAMS	EACH	
5	Sodium Carbonate	500 GRAMS	EACH	
6	Sodium diHydrogen Orthophosphate Anhydrous	500 GRAMS	EACH	
7	Tris (hydromethyl) Aminomethane	500 GRAMS	EACH	
8	Potassium Iodate	500 GRAMS	EACH	
9	Iodine (crystals)	100 GRAMS	EACH	

Group 2				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Ammonium chloride (NH ₄ Cl) ≥99.5%	500 GRAMS	EACH	
2	Oxalic acid 98%	500 GRAMS	EACH	
3	Copper Sulphate	500 GRAMS	EACH	
4	Zinc Sulphate	500 GRAMS	EACH	
5	Sulphanilimide ≥98%	500 GRAMS	EACH	
6	Hydrazine sulfate salt. ACS reagent, ≥99.0%	100 GRAMS	EACH	
7	Sodium dodecyl sulfate. ≥98.5%	100 GRAMS	EACH	
8	4-Aminoantipyrine	100 GRAMS	EACH	
9	Ammonium acetate. ≥99.99%	100 GRAMS	EACH	
10	Ammonium formate. ≥99.995%	100 GRAMS	EACH	
11	Ferric Cyanide (98%)	500 GRAMS	EACH	
12	Isonicotinic Acid (98%)	500 GRAMS	EACH	
13	Chloramine-T (98%)	500 GRAMS	EACH	
14	Magnesium Sulphate Heptahydrate	500 GRAMS	EACH	

Group 3				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	4 Amino 2.3 Dimethyl 1 Phenyl	10 GRAMS	EACH	
2	Ammonium Peroxodisulfate	500 GRAMS	EACH	
3	Antimony Potassium Tartrate	500 GRAMS	EACH	
4	Barbituric Acid	100 GRAMS	EACH	
5	Mercuric Sulphate	250 GRAMS	EACH	

5a	Mercuric Sulphate	500 GRAMS	EACH	
6	Mercuric Thiocyanate	25 GRAMS	EACH	
6a	Mercuric Thiocyanate	100 GRAMS	EACH	
7	Phenol Crystals	500 GRAMS	EACH	
8	Potassium Ferric Cyanide	500 GRAMS	EACH	
9	Potassium Hydroxide	500 GRAMS	EACH	
10	Potassium Peroxodisulfate	250 GRAMS	EACH	
11	Potassium Sodium Tartrate	500 GRAMS	EACH	
12	Silver Sulphate	100 GRAMS	EACH	
13	Sodium Hydrogen Carbonate	500 GRAMS	EACH	
14	Sodium Nitroprusside	100 GRAMS	EACH	
15	Sodium Salicylate	500 GRAMS	EACH	
16	Stannous Chloride	500 GRAMS	EACH	
17	Potassium Thiocyanate	500 GRAMS	EACH	
18	Iron(III) Nitrate Nonahydrate Minimum 98% purity	2.5 KILOGRAM	EACH	
18a	Iron(III) Nitrate Nonahydrate Minimum 98% purity	500 GRAMS	EACH	

Group 4				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Barium Chloride	250 GRAMS	EACH	
1a	Barium Chloride	500 GRAMS	EACH	
2	Potassium Cyanide	250 GRAMS	EACH	
3	Potassium Nitrate	500 GRAMS	EACH	
4	Potassium Nitrite Crystals	250 GRAMS	EACH	
4a	Potassium Nitrite Crystals	500 GRAMS	EACH	
5	Potassium Chloride	500 GRAMS	EACH	
6	Potassium Fluoride	500 GRAMS	EACH	
7	Potassium Sulphate	500 GRAMS	EACH	
8	Sodium Fluoride	500 GRAMS	EACH	
9	Sodium Nitrate	500 GRAMS	EACH	
10	Sodium Nitrite	500 GRAMS	EACH	
11	Sodium Chloride	500 GRAMS	EACH	
12	Sodium Sulphate	500 GRAMS	EACH	

Group 5				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Ammonium Ferrous Sulphate Hexahydrate	500 GRAMS	EACH	
2	Ascorbic Acid - C ₆ H ₈ O ₆ =176,13 (Must not be vitamin C)	500 GRAMS	EACH	
3	Di-Sodium Hydrogen Phosphate Anhydrous	500 GRAMS	EACH	
4	Ethylene Diamine Tetra-Acetic Acid (EDTA) Disodium Salt -	500 GRAMS	EACH	
5	N-1(1-Naphthyl) Ethylenediamine Dihydrochloride	50 GRAMS	EACH	
5a	N-1(1-Naphthyl) Ethylenediamine Dihydrochloride	100 GRAMS	EACH	
6	Potassium Dichromate	500 GRAMS	EACH	

7	Potassium Dihydrogen Phosphate	500 GRAMS	EACH	
8	Potassium Permanganate	500 GRAMS	EACH	
9	Potassium Hydrogen Phthalate	500 GRAMS	EACH	
10	Silver Nitrate	100 GRAMS	EACH	
10a	Silver Nitrate	500 GRAMS	EACH	
11	Sodium Hydroxide Pellets	500 GRAMS	EACH	

Group 6

	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Bromothymol Blue Indicator	25 GRAMS	EACH	
2	Bromocresol Green Indicator	25 GRAMS	EACH	
3	Eriochrome Black T Indicator	25 GRAMS	EACH	
4	Methyl Red Indicator	25 GRAMS	EACH	
5	Phenolphthalein Indicator	250 GRAMS	EACH	
6	Starch Soluble	500 GRAMS	EACH	
7	Phenol Red	25 GRAMS	EACH	

Group 7

	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Sodium Thiosulphate penthydrate	500 GRAMS	EACH	
2	Sodium Thiosulphate (NaSCN) *purity greater than or equal to 99.99% for trace metals basis	50g GRAMS	EACH	

Group 8

	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Potassium Chloroplatinate K ₂ PtCl ₆	1 GRAMS	EACH	
2	Cobal Chloride anhydrous	100 GRAMS	EACH	
3	Cobalt Chloride Hexahydrate	100 GRAMS	EACH	

Group 9

	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	1 x N.N DIETHYL 1.4 PHENYLENEDIAMMONIUM SULFATE	100 GRAMS	EACH	

Group 10				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Acetone (AR Grade)	2.5 LITRES	EACH	
2	Acetone (Chromatography Grade >99.90 %)	2.5 LITRES	EACH	
3	Acetonitrile HPLC grade	2.5 LITRES	EACH	
4	Ammonia Solution 25%	2.5 LITRES	EACH	
5	Dichloromethane AR grade	2.5 LITRES	EACH	
6	Ethanol (Absolute/Rectified) (96%)	2.5 LITRES	EACH	
7	Ethanol 96%	25 LITRE	EACH	
8	Ethanol (99.9% for GC analysis);	2.5 LITRES	EACH	
9	Formaldehyde - H.CHO 34 %	2.5 LITRES	EACH	
10	Hexane (AR)	2.5 LITRES	EACH	
11	Hexane (LC or GC grade, min 98.5% purity);	2.5 LITRES	EACH	
12	Isoproponol (Suitable for LC-MS)	2.5 LITRES	EACH	
13	Methanol (AR)	1 LITRES	EACH	
14	Methanol (HPLC grade); Purity (GC) > 99.90 %	2.5L LITRES	EACH	
15	Methylated Spirits (Clear)	2.5 LITRES	EACH	
16	Dichloromethane (LC or GC grade, 99.9% Purity);	2.5 LITRES	EACH	

Group 11				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Pyridine	2.5 LITRES	EACH	
2	Ammonium hydroxide solution. 28% NH3 in H2O, ≥99.99% trace metals basis	100 MILLILITRES	EACH	
3	Formic acid, AR Grade, 98.0-100%	500 MILLILITRES	EACH	

Group 12				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Cleaning Solution (phosphate free surface active agent) for washing sample bottles	20 LITRES	EACH	
2	Disinfectant (Broad Spectrum Residual Spray - also suitable for safe use on	500 MILLILITRES	EACH	

stainless steel surfaces such as laminar flows))		
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Group 13

	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Bleach -10% Hypochlorite AR Grade	5 LITRES	EACH	

Group 14

	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Fluorescent Dye powder	1 KILOGRAM	EACH	

Group 15

	DESCRIPTION	UNITS	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Potassium Chloride Standard - 0.1M KCl	250 MILLILITRES	EACH	
2	Potassium Chloride Standard - 3M KCl	250 MILLILITRES	EACH	

Group 16

	DESCRIPTION (pH BUFFERS FOR USE WITH THE AUTOMATED METROHM pH, EC ANALYSERS)	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	pH Buffer 4.00 Standard	500 MILLILITRES	EACH	
2	ph Buffer 6.00 Standard	500 MILLILITRES	EACH	
3	pH Buffer 7.00 Standard	500 MILLILITRES	EACH	
4	pH Buffer 9.00 Standard	500 MILLILITRES	EACH	
5	Potassium Chloride (KCl) Conductivity Standard 12.87 mS/cm \pm 0.1 mS/cm (25.0 \pm 0.2°C)	250 MILLILITRES	EACH	

Group 17

	DESCRIPTION (FOR USE WITH OTHER MANUAL pH METERS)	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	pH Buffer 4.00 Standard (Sachets)	30 MILLILITRES	EACH	
2	pH Buffer 7.00 Standard (Sachets)	30 MILLILITRES	EACH	

3	pH Buffer 9.00 Standard (Sachets)	30 MILLILITRES	EACH	
4	pH Buffer 12.00 Standard (Sachets)	30 MILLILITRES	EACH	

Group 18 Reagent Mixes for Discrete Analysis (Gallery Plus)				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Alkalinity Reagent 1 for Alkalinity Analysis on the Discreet Analyzer	4x20mL	EACH	
2	Alkalinity Reagent 2 for Alkalinity Analysis on the Discreet Analyzer	4x20mL	EACH	
3	Ammonia Reagent 1 for Ammonia Analysis on the Discreet Analyzer	125mL	EACH	
4	Ammonia Reagent 2 for Ammonia Analysis on the Discreet Analyzer	4x20mL	EACH	
5	Ammonium Standard (as N) for Ammonia Analysis on the Discreet Analyzer	500mL	EACH	
6	Chloride Reagent 1 for Chloride Analysis on the Discreet Analyzer	4x20mL	EACH	
7	Chloride Standard (as Cl) for Chloride Analysis on the Discreet Analyzer	500mL	EACH	
8	Chromium (VI) Reagent 1 for Chromium (VI) Analysis on the Discreet Analyzer	4x20mL	EACH	
9	Alizarin Fluorine Blue Reagent for Fluoride Analysis on the Discreet Analyzer	100mL	EACH	
10	Acetate buffer reagent for Fluoride Analysis on the Discreet Analyzer	500mL	EACH	
11	Cerous nitrate reagent for Fluoride Analysis on the Discreet Analyzer	500mL	EACH	
12	Fluoride standard for Fluoride Analysis on the Discreet Analyzer	100mL	EACH	
13	Total Organic Nitrogen (TON) reagent 1 for TON analysis on the discrete analyzer	125mL	EACH	
14	Total Organic Nitrogen (TON) reagent 2 for TON analysis on the discrete analyzer	6x60mL	EACH	
15	Total Organic Nitrogen (TON) reagent 3 for TON analysis on the discrete analyzer	4x20mL	EACH	
16	Nitrite (as N) standard for Nitrite Analysis on the Discreet Analyzer	500mL	EACH	
17	Phosphate reagent 1 for phosphate Analysis on the Discreet Analyzer	4x20mL	EACH	
18	Phosphate reagent 2 for phosphate Analysis on the Discreet Analyzer	4x20mL	EACH	
19	Phosphate standard for phosphate Analysis on the Discreet Analyzer	500mL	EACH	
20	silica reagent 1 for silica Analysis on the Discreet Analyzer	4x20mL	EACH	
21	silica reagent 2 for silica Analysis on the Discreet Analyzer	4x20mL	EACH	
22	silica reagent 3 for silica Analysis on the Discreet Analyzer	4x20mL	EACH	
23	Sulphate reagent for sulphate analysis on the Discrete Analyzer	4x20mL	EACH	
24	Sulphate Standard for sulphate analysis on the Discrete Analyzer	500mL	EACH	
25	Thiocyanate colour reagent for thiocyanate analysis on the Discrete Analyzer	1000mL	EACH	

Group 19: Certified Reference Material (CRM For Turbidity)				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Stabilized Formazin Turbidity Standard 1NTU	500 MILLILITERS	EACH	
2	Stabilized Formazin Turbidity Standard 100NTU	500 MILLILITERS	EACH	
3	Stabilized Formazin Turbidity Standard 1000NTU	500 MILLILITERS	EACH	
4	Stabilized Formazin Turbidity Standard 1NTU	100 MILLILITERS	EACH	
5	Stabilized Formazin Turbidity Standard 100NTU	100 MILLILITERS	EACH	
6	Stabilized Formazin Turbidity Standard 1000NTU	100 MILLILITERS	EACH	
7	Turbidity Calibration Set (Range 0 to 700NTU)	SET	EACH	
8	Turbidity Calibration Set (Range 0 to 4000NTU)	SET	EACH	

Group 20: Certified Reference Material (CRM – Gas Chromatography)				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Geosmin (100 µg/ml in methanol) in sealed vial	1 MILLILITRES	EACH	
2	2-Methylisoborneol (100 µg/ml in methanol) in sealed vial	1 MILLILITRES	EACH	
3	Geosmin and 2-methylisoborneol in methanol (1mL sealed ampule)		EACH	
4	Fluorobenzene (99%)	100GRAMS	EACH	
5	3-Octanol (98)	100g	EACH	
6	4-bromofluorobenzene	100g	EACH	
7	Trihalomethane Mixture containing: Bromodichloromethane, Bromoform, Chloroform, Dibromochloromethane (2000 µg/ml in methanol) in sealed vial	1 MILLILITRES	EACH	
8	Trihalomethanes Calibration Mix * EPA 501/601 *certified reference material, *200 µg/mL each component in methanol	1 MILLILITRES	EACH	
9	Bromoform-d. ≥99.5 atom % D, ≥99% (CP)	10GRAMS	EACH	
10	Iodoform. 99%	5GRAMS	EACH	
11	Halogenated volatiles mix or equivalent EPA551A	1 MILLILITRES	EACH	
12	BTEX Mixture Certified Reference Material	1 MILLILITRES	EACH	

	Minimum of 2000 µg/mL of each component in the solution (1 mL sealed ampule) or equivalent			
13	BTEX Analytical Standard solution Minimum of 1 mg/mL concentration of each component in the solution (1 mL sealed ampule) or equivalent	1 MILLILITRES	EACH	

Group 21: Reagents for HACH				
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	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Ammonia TNTplus, Ultra low range (0.015 - 2.00 mg/L)	25 per BOX	EACH	
2	Ammonia TNTplus, Low Range (1 - 12mg/L)	25 per BOX	EACH	
3	Ammonia TNTplus, High Range (2 - 47 mg/L)	25 per BOX	EACH	
4	Nitrate TNTplus, Low Range (0.23 - 13.5 mg/L)	25 per BOX	EACH	
5	Nitrate TNTplus, 5 – 35mg/l	25 per BOX	EACH	
6	Nitrate (Cadmium Reduction Reagent Set) Low Range (0.01 0.5mg/L) for 100 tests	1 PACK	EACH	
7	Nitrogen-Ammonia Set, Nessler (0.02 - 2.5mg/L)	25 per BOX	EACH	
8	Posphorous (reactive and total) TNTplus, (0.05-1.5 mg/l)	25 per BOX	EACH	
9	Posphorous (reactive and total) TNTplus, (1.5- 15 mg/l)	25 per BOX	EACH	
10	Phosphate reagent powder pillows, 0.02– 2.5 mg/l	1 PACK	EACH	
11	Nitrate reagent powder pillows, 0.3 – 30 mg/l	1 PACK	EACH	
12	Nitrite TNTplus. 0.6 - 6.0mg/l	25 per BOX	EACH	
13	Free Chlorine TNTplus, 0.05 – 2.0 mg/l	24 per BOX	EACH	
14	Total alkalinity TNTplus (25-400mg/l)	25 per BOX	EACH	
15	s - TKN TNTplus (0-16 MG/L N)	25 per BOX	EACH	
16	Sulphate TNTplus LR 40 - 150mg/l	25 per BOX	EACH	
17	Alluminium TNTplus LR	25 per BOX	EACH	
18	Iron TNTplus LR	25 per BOX	EACH	
19	Manganese TNTplus LR	25 per BOX	EACH	
20	Calcium TNTplus	25 per BOX	EACH	
21	Magnesium TNTplus	25 per BOX	EACH	
22	Potassium TNTplus	25 per BOX	EACH	
23	Chloride TNTplus	25 per BOX	EACH	
24	BOD TNTplus	25 per BOX	EACH	
25	COD digestion vials (Range 3-150mg/l)	150 per BOX	EACH	
26	COD digestion vials (Range 20-1500mg/l)	150 per BOX	EACH	

Group 22:				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Internal Calibration Standard for ICP-MS *Combined standard containing 10 ppm Bi, GE, In, Li6, Sc, Tb, Y preserved with 10% (v/v) Nitric Acid)	125 MILLILITRES	EACH	
2	Metal solution 1 *in 5% v/v HNO3 *Contains: 50 µg/mL As, Ba, Cd, Co, Pb, Ni, Se, Ti, U, V; 100 µg/mL Cr, Cu, Mn, Sr; 500 µg/mL Al, Fe, Zn.	500 MILLILITRES	EACH	
3	Metal solution 2 *in 5% v/v HNO3 /tr HF. *Contains: 50 µg/mL Sb, Mo, Ti.	500 MILLILITRES	EACH	
4	Stock Standard (AL-ZN) *1000µg/mL K. *100µg/mL: Ag, Al, As,B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Li, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sr, Ti, Tl, V, Zn. *50µg/mL: Si * in 5% (v/v) HNO3 tr. HF *d = 1.036g/mL	500 MILLILITRES	EACH	
5	Stock AQC (AL-ZN) *1000mg/L: Al, Fe, Zn, *200mg/L: Cr, Cu, Mn, Sr *100mg/L: As, Ba, Cd, Co, Mo, Ni, Sb, Se, Ti, Tl, U, V *7% (v/v) HNO3 *0.8% (v/v) HF *d = 1.056 g/mL	500 MILLILITRES	EACH	
6	Stock standard (Ca,Mg,Na,K) *5000 µg/mL: Ca, K, Mg, Na *3% (v/v) HNO3 *d= 1.073 g/mL	500 MILLILITRES	EACH	
7	Stock AQC (Ca,Mg,Na,K) *1000 mg/L: Ca, Na *250 mg/L: K, Mg *2% (v/v) HNO3 *d= 1.016 g/mL	1 LITRE	EACH	
8	Tuning Solution *containing Ce, Co, Li, Mg, Tl, Y *HNO3,	500 MILLILITRES	EACH	
9	Mercury standard 10.000±0.052 µg/mL Mercury 10% (v/v) HCl d = 1.020 g/mL	125 MILLILITRES	EACH	
10	Mercury AQC (Different batch/Lot number) 10.000±0.052 µg/mL Mercury 10% (v/v) HCl d = 1.020 g/mL	125 mL	EACH	
11	CRM 1 1000µg/L (1ppm) : Al, Fe, Zn, 200 µg/L: Cr, Cu, Mn, Sr 100µg/L: As,B, Ba, Cd, Co, Mo, Ni, Sb, Se, Ti, Tl, U, V (v/v) HNO3 d = 1.056 g/mL	1000 mL	EACH	
12	CRM 2		EACH	

	200µg/L : Al, Fe, Zn, 40 µg/L: Cr, Cu, Mn, Sr 20 µg/L: As, Ba, Cd, Co, Mo, Ni, Sb, Se, Ti, Tl, U, V (v/v) HNO3	1000 mL		
13	CRM 3 100µg/L : Al, Fe, Zn, 20 µg/L: Cr, Cu, Mn, Sr 10µg/L: As, Ba, Cd, Co, Mo, Ni, Sb, Se, Ti, Tl, U, V (v/v) HNO3	1000 mL	EACH	
14	CRM 1 (Mercury) 0.5 µg/L 10% (v/v) HCl	1000mL	EACH	
15	CRM 2 (Mercury) 5 µg/L 10% (v/v) HCl	1000mL	EACH	

Group 23

	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Sodium Acetate Buffer (pH 4.6 +/- 0.2)	1 LITRES	EACH	

Group 24

	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	PCR-Grade water	1 LITRE	EACH	

Group 25

	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	DPD free chlorine powder pillows Range: 0.02 to 2.00 mg/L Cl ₂ . Sample Size: 10 mL.	Pack of 1000	EACH	
1a	DPD free chlorine powder pillows Range: 0.02 to 2.00 mg/L Cl ₂ . Sample Size: 10 mL	Pack of 100	EACH	

Group 26

	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
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1	18 place Brand Autoclave box with 10mL Brand pipette tips	1 UNIT	EACH	
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Group 27 (Polymerase Chain Reaction (PCR) tubes
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	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	0.5 ml flat-capped clear PCR tubes	1000 per BOX	EACH	
2	Non-Sterile 1.5 ml micro-centrifuge tubes	1000 per BOX	EACH	
3	Non-Sterile 2.0 ml micro-centrifuge tubes	1000 per BOX	EACH	

Group 28

	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Sterile PCR-plugged 10 ul tips (Suitable for Gilsons and Eppendorf pipettes)	10 individually packed boxes per pack	EACH	
2	Sterile PCR-plugged 20 ul tips (Suitable for Gilsons and Eppendorf pipettes)	10 individually packed boxes per pack	EACH	
3	Sterile PCR-plugged 200 ul tips (Suitable for Gilsons and Eppendorf pipettes)	10 individually packed boxes per pack	EACH	
4	Sterile PCR-plugged 1000 ul tips (Suitable for Gilsons and Eppendorf pipettes)	10 individually packed boxes per pack	EACH	

Group 29

	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Parafilm (4inch x 125 ft Roll)	1 BOX	EACH	

Group 30				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Individually wrapped, plastic sterile disposable Loops 10µl	500 per PACK	EACH	
2	Pasteur glass pipettes (230mm)	250 per BOX	EACH	
	Pasteur plastic pipette with bulb (3.5 ml)	500 per Pack	EACH	
3	Microscope cover slides (22 x 50 mm)	100 per BOX	EACH	
4	Standard Microscope slides (76 x 26 mm)	100 per BOX	EACH	
5	Utermohl sedimentation chamber base size (120 x 43 mm)		EACH	
6	Weighing boats Diamond 100ml	250 per BOX		
7	Weighing boats Diamond 30ml	500 per BOX	EACH	

Group 31				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Autoclavable Craft Paper (Blue Steri Sheet) 900mmx1200mm	100 UNITS	EACH	
2	Autoclave Tape(12mmx55m) Self Adhesive	1 UNIT	EACH	
3	Autoclave Indicator Tape (25mmx50m) Self Adhesive	1 UNIT	EACH	

Group 32				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Culture test tubes boro silicate wall no rim 13x100mm	1000 per PACK	EACH	
2	Culture test tubes Borosilicate wall No rim 16 x 150mm	1000 per PACK	EACH	
3	Test Tube Caps <ul style="list-style-type: none"> • 15-16mm • Metal • Red/silver/blue/green/yellow/purple • 10 per pack 	10 per PACK	EACH	

Group 33 : Solid Phase Extraction Cartridges				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	3cc/60mg HLB Hydrophilic-Lipophilic-Balanced, water-wettable, reversed-phase sorbent Balanced Co-polymer of divinylbenzene and vinyl pyrrolidinone	100 per BOX	EACH	

2	6cc/150mg HLB Hydrophilic-Lipophilic-Balanced, water-wettable, reversed-phase sorbent Balanced Co-polymer of divinylbenzene and vinyl pyrrolidinone	30 per BOX	EACH	
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Group 34				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1a	<p>High Performance Syringe Filters:</p> <ul style="list-style-type: none"> feature a membrane with a fast flow rate and capability to filter a sample with high particulate matter (>6000mg/l) with a single filter. Large filter surface area which increases flow rates and makes it easier to filter solutions by reducing the pressure required to empty the syringe Diameter: 33mm; Pore Size: 0.45µm; Filtration Area: 4.5cm² Max Differential Pressure: 8.6 bar/125psi; Max Operating Temp: 45°C Must not contribute to UV transmittance results <p>Suppliers must provide filters to be tested for suitability.</p>	200 UNITS	EACH	
1b	<p>High Performance Syringe Filters:</p> <ul style="list-style-type: none"> feature a membrane with a fast flow rate and capability to filter a sample with high particulate matter (>6000mg/l) with a single filter. Large filter surface area which increases flow rates and makes it easier to filter solutions by reducing the pressure required to empty the syringe Diameter: 33mm; Pore Size: 0.45µm; Filtration Area: 4.5cm² Max Differential Pressure: 8.6 bar/125psi; Max Operating Temp: 45°C Must not contribute to UV transmittance results <p>Suppliers must provide filters to be tested for suitability.</p>	100 UNITS	EACH	

Group 35				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	<p>Glass Fibre Filters (For use at 105 deg celcius and 550 deg celcius):</p> <p>*Diameter: ø47mm, 1.2micron* For tenderer to bring samples of filter paper to test</p> <p>*Filter paper will be tested for use of the</p>	100 FILTERS PER UNIT		

Standard Test method for Total Suspended Solids and Chlorophyll-a Filters will be evaluated in accordance with following 1) Weight loss of filter must not be more than 0.0005g. 2) Filtrate must have turbidity of less than <1 NTU		EACH	
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Group 36

	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Filter paper No 1 (ø110mm)	100 per BOX	EACH	
2	Phase separating filters (110mm)	100 per BOX	EACH	
3	Cellulose Acetate Filter Paper: * Pore size: 0.45µm, *Diameter: ø 47mm gridded * Sterile gamma irradiated filters *Individually wrapped	200 per BOX	EACH	
4	Glass fibre filter paper 0.7micron 45mm diameter	100 per BOX	EACH	

Group 37

	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Kimwipe metal stand	EACH	EACH	
2	Drying rack – Wall mounted 72 Peg or more	RACK	EACH	
3	Culture Tubes with screw cap *16 x 125mm	TUBE	EACH	
4	Glass Filtration system *3 Piece – all glass *2L Buchner Flask *47mm ground joint flask	SET	EACH	
5	Glass Filtration system *3 Piece – all glass *1L Buchner Flask *47mm ground joint flask	SET	EACH	
6	Wash Bottle – LDPE – 500mL	BOTTLE	EACH	
7	Spatula - Micro – 200mm	EACH	EACH	
8	Spatula – Spoon – 200mm	EACH	EACH	
9	Rubber pipette filler	EACH	EACH	

10	Retort stands with burette clamps	EACH	EACH	
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Group 38

	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	<p>pH Strips: Measure pH values must range from 0 to 14 with 24 pH units and 8 vertical color graduations. Sensitivity of 0.5 pH unit in the 0 to 9 range (this must be individually marked); 1 pH unit in the 9 to 14 range. Must include color reference chart. Must not be in a roll, must be individual strips. Please specify and include brochure/picture of item. Suppliers must provide strips to be tested for suitability</p>	200 per BOX	EACH	

**Group 39: Filter cartridges for water purification systems
 Systems: RiOs8 Synergy, RiOs24 Synergy, MilliQ Direct 8/16, MilliQ RiOs 50**

	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	<p>Polygard cartridge filter 10inch 0.5micrometer (µm) *Maximum differential/Inlet pressure 4.8 bar *Double open end with flat gaskets *Device material propylene *Seal material polyethylene (PE)</p>	6 pack	EACH	
2	<p>Polygard CR cartridge filter *10inch 1micrometer (µm) * Diameter: 7.0 cm (2.75 inch) *Maximum differential/Inlet pressure 4.8 bar (70 psid) *Double open end with flat gaskets *Device material propylene *Seal material polyethylene (PE)</p>	6 pack	EACH	
3	<p>Progard T3 * Height: 39.5cm(15.5inch) * Components: Polyphosphate, Activated Carbon, Depth Filtration * Designed to pre-treat water by removing large particles, organic compounds, free chlorine from tap water. Protects RO membrane against scaling, organic fouling and chlorine oxidation.</p>	Each	EACH	
4	<p>Progard TS2 Pretreatment Pack * Height 39.5cm *15.5inches) *Polyphosphate for anit-scaling protection *Silver-impregnated activated carbon for chlorine removal and bacteriostatic protection *Depth filtration for partical removal *E sure tag RFID technology for safety and automatic pack perimeter archiving.</p>	Each	EACH	

5	Progard 2 * Height: 39.5 cm(15.5 inches) * Components: Polyphosphate, Activated Carbon, Depth Filtration * Designed to pre-treat water by removing large particles, organic compounds, free chlorine from tap water. Protects RO membrane against scaling, organic fouling and chlorine oxidation	Each	EACH	
6	Synergy Pak 1: * Synthetic Activated Carbon * Virgin Ion Exchange	Each	EACH	
7	Progard TL1 Pretreatment Pack: * Polyphosphate for antiscaling protection * Silver-impregnated activated carbon for free chlorine and reduction and bacteriostatic protection * Depth-filtration for particle removal	Each	EACH	
8	Q Pak TEX: *ultrapure grade mixed-bed ion-exchange resin *For Milli-Q Direct systems	Each	EACH	
9	Q-Gard TL1: Polishing Cartridge: * Virgin ion-exchange resins for deionization	Each	EACH	
10	60 GPD RO CARTRIDGE	Each	EACH	
11	75 GPD RO CARTRIDGE (2/pack)	Each	EACH	
12	RO CART+HSG 50LPH RIOS/ELIX-L	Each	EACH	
13	Activated carbon/charcoal cartridge for reduction in Chlorine in prefilter	Each	EACH	
14	Tank level sensor (for 60Litre tank)	Each	EACH	
15	Tank level sensor (for 100L tank)	Each	EACH	

Group 40				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	High Density Polyethylene (HDPE) sterile Jar white • HDPE white plastic • Screw cap included • Proof of sterility to be included	500mL	EACH	

2	<p>Container 180 ml with Screw Cap and affixed Label</p> <ul style="list-style-type: none"> • Sterile container with red screw cap individually sealed in single bag • Lot number and expiry date printed on red cap • Lot number and expiry date printed on cap • Sterility status indicated on box <p>(this item must be evaluated by supplying a sample)</p>	150 per box	EACH	
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Group 41				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	<p>Aluminum Test Tube Cap 15-16 mm size</p> <ul style="list-style-type: none"> • High grade aluminium • Built-in spring of chromium steel • Washable with neutral cleansing material, max 140°C • Autoclavable • Re-usable 	100 per BOX	EACH	

Group 42				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	<p>Atomiser Trigger Spray Bottle</p> <ul style="list-style-type: none"> • Polypropylene, white • 400 ml 	BOTTLE	EACH	

Group 43: Flow Injection Analyser Lachat 8500 Quickem Consumables				
	DESCRIPTION:	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Flow cell assembly for FIA QC800	EACH	EACH	
2	630 nm Filter assembly, 1/2"	EACH	EACH	
3	880 nm Filter assembly, 1/2"	EACH	EACH	

4	660 nm Filter assembly, 1/2"	EACH	EACH	
5	tubing spool 15.24m, 0.7mm id	EACH	EACH	
6	tubing spool 15.24m, 0.5mm id	EACH	EACH	
7	Tee Assembly fitting (2/pack)	pack	EACH	
8	Viton O-rings (25/pack)	pack	EACH	
9	Cell/Waste flares - 13cm (2/pack)	pack	EACH	
10	Flare, Carrier tubing - 35 cm (2/pack)	pack	EACH	
11	Tygon tubing - 1/32 x 3/32 x 1/32	EACH	EACH	
12	Tygon tubing - 1/16 x 1/8 x 1/32	EACH	EACH	
13	Nipple - small and smooth (6/pack)	pack	EACH	
14	Black-Black Tygon or equivalent pump tubing (pack of 12)	pack	EACH	
15	Oranje-white Tygon or equivalent pump tubing (pack of 12)	pack	EACH	
16	Purple-Black Tygon or equivalent pump tubing (pack of 12)	pack	EACH	
17	Green-green Tygon or equivalent pump tubing (pack of 12)	pack	EACH	
18	White-white Tygon or equivalent pump tubing (pack of 12)	pack	EACH	
19	Oranje-yellow Tygon or equivalent pump tubing (pack of 12)	pack	EACH	
20	Oranje-white Duraprene or equivalent pump tubing (pack of 6)	pack	EACH	
21	Yellow-yellow Duraprene or equivalent pump tubing (pack of 6)	pack	EACH	
22	3.5 cm x 8.5 cm diffusion membrane	EACH	EACH	
23	Stainless Steel nipple	EACH	EACH	
24	Diffusion cell flare (tube)	EACH	EACH	
25	Z-axis drive green PEEK tubing	EACH	EACH	
26	6 stage valve	Each	EACH	

Group 44: GC CONSUMABLES				
	DESCRIPTION:	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	HP-5MS-ultra inert or equivalent capillary columns (30m x 0.25 mm x 0.25µm) for split/splitless inlet and MSD detector	EACH	EACH	
2	DB-FFAP or equivalent capillary column (60m x 0.32mm x 0.5 µm)	EACH	EACH	
3	DB-Wax or equivalent capillary column (60m x 0.32mm x 0.5 µm)	EACH	EACH	

4	EUPAH or equivalent capillary column (30m x 0.25mm x 0.25µm)	EACH	EACH	
5	DB-624 or equivalent capillary column (30 x 0.25mm x 1.8µm)	EACH	EACH	
6	DB-35MSUI or equivalent capillary column (30 x 0.25mm x 0.25 µm)	EACH	EACH	
7	DB-XLB or equivalent capillary column (30 x 0.25mm x 0.25 µm)	EACH	EACH	

Group 45: Shimadzu FTIR consumables

	DESCRIPTION:	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Potassium Bromide (KBr) window disc for a Shimadzu FTIR Tracer-100	EACH	EACH	
2	Supply of dessicant, Silica gel or equivalent, compatible with a Shimadzu FTIR Tracer-100 (supplied in sachet form)	10 GRAMS	EACH	

Group 46

	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Columbia Blood Agar Plates	10 PLATES per pack	EACH	
2	Tryptose-sulfite-cycloserine (TSC) agar	500 GRAMS	EACH	

Group 47

	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	A-naphthyl phosphate Disodium salt	5 GRAMS	EACH	
2	D-cycloserine (TSC supplement)	25 GRAMS	EACH	
3	Fast Blue B Salt (o-Dianisidine, tetrazotized ZnCl ₂)	10 GRAMS	EACH	

Group 48

	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
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1	<p>Dry Rehydrated Film for Aerobic Count</p> <ul style="list-style-type: none"> • Application in environmental, raw, ready-to-cook/eat food and dairy • Aerobic microorganisms • Storage ≤ 8°C • Plates sample ready • Results within 48 hrs • Compliance with Regulation 1555 Annex A-10 of the Foodstuffs, Cosmetics & Disinfectant Act 54 of 1972 • Certified by OMA, NF, AFNOR, AOAC * Petrifilm; Easyplate or equivalent 	100 per BOX	EACH	
2	<p>Dry Rehydrated Film for E.coli-Coliform Count</p> <ul style="list-style-type: none"> • Application in environmental, raw, ready-to-cook/eat food and dairy • Aerobic microorganisms • Storage ≤ 8°C • Plates sample ready • Results within 24-48 hrs • Compliance with Regulation 1555 Annex A-11 of the Foodstuffs, Cosmetics & Disinfectant Act 54 of 1972 • Certified by OMA, NF, AFNOR, AOAC * Petrifilm; Easyplate or equivalent 	50 per BOX	EACH	
3	<p>Dry Rehydrated Film for coagulase- positive Staphylococcus aureus Count</p> <ul style="list-style-type: none"> •Expiry and lot number indicated on each package. •Application in environmental, raw, ready-to-cook/eat food and dairy •Aerobic microorganisms · Storage ≤ 8°C · •Plates sample ready •Results within 22-24 hrs •Certified by AFNOR, AOAC, NORDVAL, •Certificate of Analysis available online * Petrifilm; Easyplate or equivalent 	50 PER box	EACH	
4	<p>Dry Rehydrated Film for coagulase- positive Staphylococcus aureus confirmation tests</p> <ul style="list-style-type: none"> •Contains Toluidine Blue-O dye and a DNA indicator •Expiry and lot number indicated on each package. •Lot number indicated on each packaged disc •Application in environmental, raw, ready-to-cook/eat food and dairy •Aerobic microorganisms · Storage ≤ 8°C · •Plates sample ready •Results within 22-24 hrs •Compliance with Regulation 1555 Annex A-11 of the Foodstuffs, Cosmetics & Disinfectant Act 54 of 1972 •Certified by AFNOR, AOAC, NORDVAL •Certificate of Analysis available online 	20 PER box	EACH	

Group 49				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Peptone Water Buffered • Composition g/l - Peptone 10.0 - Sodium chloride 5.0 - Di-Sodium Hydrogen Phosphate 3.5 - Potassium Dihydrogen Phosphate 1.5 • Packaging: sealed in sealed plastic bottle • Product shall exhibit a batch number • Product shall exhibit expiry date of minimum 29 months • Compositional compliance to ISO 6887-1	500 GRAMS	EACH	

Group 50				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Baird-Parker Agar Base • Composition g/l - Tryptone 10.0 - Meat extract 5.0 - Glycine 12.0 - Yeast extract 1.0 - Lithium chloride 5.0 - Sodium pyruvate 10.0 - Agar 20.0 • Packaging: sealed plastic bottle • Product shall exhibit a batch number • Product shall exhibit expiry date of minimum 30 months • Compositional compliance with Regulation 692 Annex A of the Foodstuffs, Cosmetics & Disinfectant Act 54 of 1972 (SABS 760/ISO 6888)	500 GRAMS	EACH	
2	Tellurite Egg Yolk Emulsion sterile 20% • Composition per 1.0 L: • Sterile egg yolk 200 ml • NaCl 4.25 g • Potassium tellurite 2.1 g • Distilled water to final volume of 1000 ml • Density 1.02 g/cm ³ at 20°C • Appearance: pale yellow emulsion • Transport and stored at 2-8°C • Product stability minimum of 1 year post production • Compositional compliance with Regulation 692 Annex A of the Foodstuffs, Cosmetics & Disinfectant Act 54 of 1972 (SABS 760/ISO 6888)	10 X 50mL per CASE	EACH	

3	<p>Violet Red Bile MUG Agar</p> <ul style="list-style-type: none"> • Composition g/l - Brain heart infusion 7.0 - Peptone 4.0 - Lactose 9.0 - Bile salts no 3 1.5 - Neutral red 0.03 - Crystal violet 0.002 - MUG 0.1 - Sodium chloride 4.5 - Di-Sodium Hydrogen Phosphate 1.0 - Agar 13.0 <p>• Compliance with Regulation 1555 Annex A 5.3 of the Foodstuffs, Cosmetics & Disinfectant Act 54 of 1972</p>	500 GRAMS	EACH	
4	<p>Plate Count Agar</p> <ul style="list-style-type: none"> • Composition g/L - Tryptone 5.0 - Yeast extract 2.5 - Dextrose 1.0 - Agar 14.5 <p>• Compliance with Regulation 1555 Annex A 5.3 of the Foodstuffs, Cosmetics & Disinfectant Act 54 of 1972</p>	500 GRAMS	EACH	

Group 51

	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	<p>Staphaurex ID Kit</p> <ul style="list-style-type: none"> • Rapid latex test for the identification of <i>Staphylococcus aureus</i> • Test reagent contains buffered suspension of polystyrene latex particles coated with human fibrinogen and IgG • Preserved with 0.025% Bronidox • Sensitivity 99.8% and specificity 99.5% 	3 x 40 tests per BOX	EACH	
2	<p>p-Nitrophenyl Phosphate Disodium Salt</p> <ul style="list-style-type: none"> • Off-white powder form • Minimum 8 year stability • Packaged in amber vials • Transportation and storage at 2-8°C 	5 GRAMS	EACH	
3	<p>Tintres Resazurin Tablets</p> <ul style="list-style-type: none"> • Composition: - 7-Hydroxy-3H-phenoxazin-3-one 10-oxide (sodium salt in tablet format) • Stable at ambient temperature • Used as oxidation-reduction indicator in cell viability for bacteria in raw milk testing 	100 BOTTLES per box	EACH	

Group 52				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Whirlpak 710 ml Sample Bags <ul style="list-style-type: none"> • Manufactured from blended virgin, low-density polyethylene with ISO 9001 conformance • Must contain tamper-proof perforated edge • Must contain puncture-proof tabs • Leak-proof for liquids • Write-on surface for labelling • Pre-sterilised by ethylene-oxide process, indicated on packaging. • Sterilisation traceable per lot number on manufacturer's website 	500 per BOX	EACH	
2	Lab-400 Classic Stomacher Bags <ul style="list-style-type: none"> • 180mm x 300mm x 65µm thickness • Manufactured from high quality food grade virgin LDPE granules • Pre-sterilised by gamma-irradiation, certified by indicator on box or certification available on request • Batch code and manufacturing date printed on box 	2500 per BOX	EACH	

Group 53				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Collection and Transport Swab System <ul style="list-style-type: none"> • 8.5 cm Traditional Polyester Swab with skirted tube containing 10 ml Solution with plastic green capture cap • Sterile • Lot number and expiry date on box 	6 BOXES per CASE	EACH	

Group 54				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT

1	<p>Micropipette Filter Tip 100 µl</p> <ul style="list-style-type: none"> • To fit Discovery, Socorex, Clinipet pipettes • Made from Gamma-stable & medical grade virgin polymer, clear • Certified RNA / DNA / Endotoxin free • Free of heavy metals • Universal adaptability • Sterile 	96 per RACK 10 RACKS per BOX	EACH	
2	<p>Micropipette Filter Tip 1000 µl</p> <ul style="list-style-type: none"> • To fit Discovery, Socorex, Clinipet pipettes • Made from Gamma-stable & medical grade virgin polymer, clear • Certified RNA / DNA / Endotoxin free • Free of heavy metals • Universal adaptability • Sterile 	96 per RACK 10 RACKS per BOX	EACH	

Group 55

	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	<p>Spreader PP</p> <ul style="list-style-type: none"> • Polypropylene • Autoclavable • RNase / DNase free • ISO 9001 conformance 	500 per CASE	EACH	

Group 56

	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Rectified Ethanol 96%	2.5 LITRES	EACH	
2	Liquid Alkaline Phosphate-free Concentrate	2.5 LITRES	EACH	

Group 57

	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Sterikon Plus Bio-indicator	100 per BOX	BOX	

Group 58				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	LLG-Autoclavable Bags with Biohazard print • 415 x 600 mm x 45µm thickness • 14 L capacity • Transparent, Polypropylene • Autoclavable at 121°C (this item must be evaluated by supplying a sample)	50 per PACK	PACK	

Group 59				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Container 60 ml with Screw Cap and affixed Label • 388 x 400 x 600 mm • Sterile container with red screw cap individually sealed in single bag • Lot number and expiry date printed on red cap • Label affixed on container • Sterility status indicated on box	450 per BOX	BOX	

Group 60: MICRO LAB CONSUMABLES				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Non sterile polystyrene Cuvette Diameter (outer (35mm), unlabelled, length (100mm), round bottomed, volume (8.8mL size)	1000 per PACK	PACK	
2	Airline disposable plastic cups 250ml	600 per PACK	PACK	
3	Disposal plastic polystyrene drinking cups (65mL)	500 per PACK	PACK	

Group 61: FOR DNA EXTRACTION				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	DNA Extraction kits for bacteria, viruses and parasites	1 KIT	EACH	

2	DNA Extraction kits for bacteria	1 KIT	EACH	
3	DNA Extraction kits for viruses	1 KIT	EACH	
4	Viral Extraction kits (DNA and RNA viruses)	1 KIT	EACH	
5	Microbial DNA qPCR Array (for detection of 45 bacterial species)	2 ARRAY	EACH EACH	
6	Viability PMA kit with reagents, buffers and DNA/RNase-free water	1 KIT	EACH	
7	DNA purification kits for sequencing preparation (confirmation of qPCR products)	1 KIT	EACH	

GROUP 62: Bacterial Reference Cultures

Item No	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Kwick Stik (2 pack): Klebsiella aerogenes (formerly Enterobacter aerogenes)	2 pack	PACK	
2	Kwick Stik (2 pack): Salmonella typhimurium	2 pack	PACK	
3	Listeria monocytogenes	Pack of 6	PACK	
4	Enterococcus faecium derived from ATCC8459	Pack of 6	PACK	
5	Campylobacter jejuni subsp jejuni derived from ATCC33560	Pack of 6	PACK	
6	E.coli 0157:H7 derived from ATCC43888	Pack of 6	PACK	
7	Salmonella enterica subsp enterica Serovar typhimurium derived from ATCC14028	Pack of 6	PACK	

GROUP 63: CONSUMABLES FOR HYDROBIOLOGY

Item No	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Centrifuge tubes 15x120mm with conical base sterilised;	Each	EACH	
2	Centrifuge tubes 500ml Corning- Tube, Cent, 500ml	Each	EACH	

GROUP 64: GENERAL CHEMICALS FOR MICROBIOLOGICAL ANALYSIS

Item No	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Magnesium chloride hexahydrate	500 GRAMS	EACH	
2	Potassium dihydrogen orthophosphate	500 GRAMS	EACH	
3	Di-sodium hydrogen orthophosphate	500 GRAMS	EACH	

4	Sodium Thiosulphate	500 GRAMS	EACH	
5	Sodium Chloride	500 GRAMS	EACH	
6	Electrolyte Solution KCl 3M	500 MILLIMETERS	EACH	
7	Sodium Hydroxide solution (1N)	2.5 LITRES	EACH	

GROUP 65: GENERAL CONSUMABLES FOR THE MICROBIOLOGICAL ANALYSIS: PETRI DISHES				
Item No	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Standard Petri Dishes with lids and no internal partitioning (Disposable) - 90mm x 15mm	500 per BOX	BOX	
2	Petri Dishes with lids and no internal partitioning (Disposable) - 65mm s 15mm	500 per BOX	BOX	

GROUP 66: GENERAL CONSUMABLES FOR HYDROBIOLOGY: BOTTLES				
Item No	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	5000ml Plastic anti-glug cans with cap Sample to be provided for evaluation	PER BOTTLE	EACH	
2	2000ml Plastic bottle with cap * Sample to be provided for evaluation	PER BOTTLE	EACH	
3	1000ml Plastic bottle with cap Sample to be provided for evaluation	PER BOTTLE	EACH	

GROUP 67: GENERAL CONSUMABLES FOR THE MICROBIOLOGICAL ANALYSIS: DISPOSABLE SAMPLE BOTTLES				
Item No	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	250-300ml Sterile Sample bottles Sample to be provided for evaluation	PER BOTTLE	EACH	
2	250ml Autoclavable bottles for liquid samples for laboratory use Sample to be provided for evaluation	PER BOTTLE	EACH	

GROUP 68: GENERAL CONSUMABLES FOR BIOCHEMICAL IDENTIFICATION.				
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Item No	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	API 20 E strips	Pack of 100	PACK	
2	AP1 20 E reagent kit	per kit (6 ampoules per kit)	KIT	
3	API suspension medium 5 ml per ampoule	pack (100 per pack)	PACK	
4	Zinc Powder	10 Grams	EACH	
5	Oxidase reagent -100 ampoules 0.75 ml per ampoule	pack (100 per pack)	PACK	
6	API mineral oil	125 ml	EACH	

GROUP 69: GENERAL CONSUMABLES FOR THE MICROBIOLOGICAL ANALYSIS: PIPETTE TIPS				
Item No	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Pipette Tips (10 ml) Pre-packaged Re-autoclavable tips designed to fit 10ml Eppendorf and Gilson pipettes	Pack of 1000	PACK	
2	Clear Tips 1-10 µl Pre-packaged pre-sterilised tips used for pipetting . Able to fit on Eppendorf and Gilson 10µl pipette.	Pack of 1000	PACK	
3	Yellow Tips 1-200 µl Pre-packaged pre-sterilised tips used for pipetting. Able to fit on Eppendorf and Gilson 200µl pipette.	Pack of 1000	PACK	
4	Nozzle protection filters Nozzle protection filters designed to fit 10 Eppendorf pipettes	Pack of 1000	PACK	
5	Nozzle protection filters Nozzle protection filters designed to fit 10ml Gilson pipettes	Pack of 1000	PACK	
6	Eppendorf Combitips 5.0 mL 100PCS X 5 units	Pack of 100	PACK	
7	Sterile pipettes 3ml 3ml plastic pipettes. Must be sterile. Certificate included	Each	EACH	

GROUP 70: GENERAL CONSUMABLES FOR THE MICROBIOLOGICAL ANALYSIS: PIPETTE TIPS (Socorex)				
Item No	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Pipette tips (10ml) Pre-packaged Re-autoclavable tips designed to fit 10ml Socorex pipettes	Pack of 1000	PACK	

GROUP 71: LABORATORY GLASS BOTTLES FOR MICROBIOLOGICAL ANALYSIS				
Item No	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Laboratory Bottle 5000 ml	BOTTLE	EACH	
2	Laboratory Bottle 2000 ml	BOTTLE	EACH	
3	Laboratory Bottle 1000 ml	BOTTLE	EACH	
4	Laboratory Bottle 500ml	BOTTLE	EACH	
5	Laboratory Bottle 250ml	BOTTLE	EACH	
6	Laboratory Bottle 100ml	BOTTLE	EACH	
7	Pouring Ring	1000 in PACK	PACK	

Group 72: Certified Reference Material (CRM)				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1a	Ammonium Standard Solution (1.00 mg/L NH ₄ -N) in water	500 MILLILITRES	EACH	
1b	Ammonium Standard Solution (1.00 mg/L NH ₄ -N) in water	250 MILLILITRES	EACH	
2a	Ammonium Standard Solution (10.00 mg/L NH ₄ -N) in water	500 MILLILITRES	EACH	
2b	Ammonium Standard Solution (10.00 mg/L NH ₄ -N) in water	250 MILLILITRES	EACH	
3a	Ammonium Standard Solution (100.0 mg/L NH ₄ -N) in water	500 MILLILITRES	EACH	
3b	Ammonium Standard Solution (100.0 mg/L NH ₄ -N) in water	250 MILLILITRES	EACH	

Group 73: Certified Reference Material (CRM)				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Chloride Standard Solution (100 mg/L) in water	1000 MILLILITRES	EACH	
2	Chloride standard Solution (1000mg/l	1000 MILLILITRES	EACH	

Group 74 : Certified Reference Material (CRM)				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	COD Standard Solution (300 mg/L) in water	500 MILLILITRES	EACH	
2	COD Standard Solution (1000 mg/L) in water	200 MILLILITRES	EACH	

Group 75: Certified Reference Material (CRM)				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Fluoride Standard Solution (0.200 mg/L) in water	500 MILLILITRES	EACH	
2	Fluoride Standard Solution (0.50 mg/L) in water	500 MILLILITRES	EACH	
3	Fluoride Standard Solution (1.50 mg/L) in water	500 MILLILITRES	EACH	

Group 76: Certified Reference Material (CRM)				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Nitrate Standard Solution (1.0 mg/L NO ₃ -N) in water	500 MILLILITRES	EACH	
2	Nitrate Standard Solution (10.0 mg/L NO ₃ -N) in water	500 MILLILITRES	EACH	
3	Nitrite Standard Solution (15.00 mg/L NO ₂ -N) in water	500 MILLILITRES	EACH	
4	Nitrite Standard Solution (0.250 mg/L NO ₂ -N) in water	500 MILLILITRES	EACH	

Group 77: Certified Reference Material (CRM)				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Total Organic Carbon (5.0mg/L) in water	100 MILLILITRES	EACH	
2	Total Organic Carbon (10.0mg/L) in water	100 MILLILITRES	EACH	
3	Total Organic Carbon (25.0mg/L) in water	100 MILLILITRES	EACH	
4	Total Organic Carbon (50.0mg/L) in water	100 MILLILITRES	EACH	
5	Total Organic Carbon (200 mg/L) in water	100 MILLILITRES	EACH	
6	Total Organic Carbon (500 mg/L) in water	100 MILLILITRES	EACH	
7	Total Inorganic Carbon (1000 mg/L) in water	100 MILLILITRES	EACH	

Group 78: Certified Reference Material (CRM)				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT

1	Silica Standard Solution (0.5 mg/L)	300 MILLILITRES	EACH	
2	Silica Standard Solution (1.0 mg/L)	500 MILLILITRES	EACH	
3	Silica Standard Solution (10 mg/L)	500 MILLILITRES	EACH	
4	Silica Standard Solution (25 mg/L)	250 MILLILITRES	EACH	
5	Silica Standard Solution (50 mg/L)	200 MILLILITRES	EACH	
6	Silica Standard Solution (1000mg/L)	500 MILLILITRES	EACH	

Group 79: Certified Reference Material (CRM)				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Alkalinity Standard Solution (5 mg/L)	500 MILLILITRES	EACH	
2	Alkalinity Standard Solution (30 mg/L)	500 MILLILITRES	EACH	
3	Alkalinity Standard Solution (200 mg/L)	500 MILLILITRES	EACH	
4	Alkalinity Standard Solution (500 mg/L)	500 MILLILITRES	EACH	

Group 80: Certified Reference Material (CRM)				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Sulphate Standard Solution (10 mg/L)	500 MILLILITRES	EACH	
2	Sulphate Standard Solution (100 mg/L)	500 MILLILITRES	EACH	
3	Sulphate Standard Solution (500 mg/L)	500 MILLILITRES	EACH	

Group 81: Certified Reference Material (CRM)				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Chlorine Standard 1mg/l	100 MILLILITRES	EACH	
2	Chlorine Standard 0.1mg/l	100 MILLILITRES	EACH	
3	Colour 10mg/L	500 MILLILITRES	EACH	
4	Phenol 1000mg/L	500 MILLILITRES	EACH	
5	Phenol 0.1mg/	500 MILLILITRES	EACH	

Group 82: Biological Oxygen Demand Reagents and Standards				
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	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Magnesium Sulphate (MgSO ₄)	500 MILLILITRES	EACH	
2	Calcium Chloride (CaCl ₂)	500 MILLILITRES	EACH	
3	Ferric Chloride (FeCl ₃)	500 MILLILITRES	EACH	
4	Polyseed BOD innoculum	50 Capsules	EACH	

Group 83: Nanocolor Photometer				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Hydrogen Sulphide (H ₂ S) Test Kits	EACH	EACH	

Group 84: Photocheck				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Photocheck solution set for photometers	EACH	EACH	

GROUP 85: Multiresidue Standard Mixes				
Item No	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Organochlorine Pesticide Mix AB #1 200 µg/mL in Hexane:Toluene (1:1), 1 mL/ampul	AMPUL	EACH	
2	Pesticide Performance Evaluation Check Mix (3/90 SOW), Hexane, 1mL/ampul	AMPUL	EACH	
3	GC Multiresidue Pesticide #2 Organochlorine Compounds, 100 µg/mL, Toluene, 1 mL/ampul	AMPUL	EACH	
4	EPA Method 8061A Phthalate Esters Mixture 1000 µg/mL in Hexane:Acetone (80:20), 1 mL/ampul	AMPUL	EACH	
5	8061A Surrogate Standard 500 µg/mL, Acetone, 1 mL/ampul	AMPUL	EACH	
6	Methylene Chloride, 1 mL/ampul	AMPUL	EACH	

7	Pharmaceuticals Mix #2 200 µg/mL ea. in P&T Methanol, 1 mL/ampule	AMPUL	EACH	
8	Pharmaceuticals Mix #1 200 µg/mL ea. in P&T Methanol, 1 mL/ampul	AMPUL	EACH	
9	Steroids and Mixed Pharmaceuticals Mix 200 µg/mL ea. in Acetonitrile, 1 mL/ampul	AMPUL	EACH	
10	Haloacetic acids mix 1 (2000 µg/mL)	AMPUL	EACH	
11	Haloacetic acids mix 2	AMPUL	EACH	

GROUP 86: Standards for IC analysis				
Item No	DESCRIPTION:	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Bromate Standard for IC *1000 mg/L bromate in water (nominal concentration)	100mL	EACH	
2	Bromate Standard Solution *0.1000 mg/l BrO ₃ ⁻ in H ₂ O	100ml	EACH	
3	Potassium bromate * puriss. p.a., ACS reagent, ≥99.8%	50g	EACH	
4	Sodium bromate * puriss. p.a., ≥99.5% (RT)	250g	EACH	
5	Chlorite IC Standard * certified reference material	100mL	EACH	
6	Chlorate Standard for IC * 1000 mg/L chlorate in water (nominal concentration)	100mL	EACH	
7	Sodium chlorate * ReagentPlus®, ≥99%	1000kg	EACH	
8	Potassium chlorate * ACS reagent, ≥99.0%	100g	EACH	
9	Chlorate Standard for IC. *1000 mg/L chlorate in water (nominal concentration)	100mL	EACH	
10	Sodium Carbonate (0.5M) *for Ion Chromatograph analysis	100mL	EACH	
11	Bromide Standard (as Br) for Chloride Analysis on the Ion Chromatograph	100mL	EACH	

GROUP 87: Standards for LCMS analysis				
Item No	DESCRIPTION:	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	N,O-Bis(trimethylsilyl)trifluoroacetamide with trimethylchlorosilane. derivatization grade (GC derivatization)	25mL	EACH	
	Bezafibrate. ≥98%, solid	1g	EACH	
3	Ibuprofen. ≥98% (GC)	1g	EACH	
4	Stavudine. European Pharmacopoeia (EP) Reference Standard	1g	EACH	
5	Lamivudine. Pharmaceutical Secondary Standard; Certified Reference Material	1g	EACH	
6	Oxacillin sodium salt monohydrate, analytical standard	100mg	EACH	
7	Fluoxetine hydrochloride solution. 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material,	1mL	EACH	
8	Acetaminophen. BioXtra, ≥99.0%	100g	EACH	
9	Cinchonine. crystallized, ≥98.0% (NT)	25g	EACH	
10	Cinchonidine. 96%	10g	EACH	
11	(±)-Epichlorohydrin. purum, ≥99% (GC)	500mL	EACH	
12	Nevirapine. Pharmaceutical Secondary Standard; Certified Reference Material	1g	EACH	
13	Zidovudine. Pharmaceutical Secondary Standard; Certified Reference Material	1g	EACH	
14	Atrazine-d5, analytical standard	10mg	EACH	
15	Triazine Pesticides Standards Mix. certified reference material, TraceCERT, 100 µg/mL each component in methanol	1mL	EACH	
16	2-Chloro-4,6-diamino-1,3,5-triazine. 95%	25g	EACH	
17	EPA 8081 Pesticide Standard Mix. certified reference material, 200 µg/mL in hexane: toluene (1:1), ampule of 1 mL	1mL	EACH	
18	4,4'-DDT-d8, analytical standard	10mg	EACH	

19	DDT-Endrin Mix. certified reference material, 500 µg/mL each component in methanol	1mL	EACH	
20	EPA Pesticide Mix. in methanol: methylene chloride (98:2) (varied), CERT, analytical standard	1mL	EACH	
21	Appendix IX Organochlorine Pesticides Mix. Certified reference material, 2000 µg/mL each component in hexane: toluene (1:1), ampule of 1 mL	1mL	EACH	
22	EPA 8081 Pesticide Standard Mix. certified reference material, 200 µg/mL in hexane: toluene (1:1), ampule of 1 mL	1mL	EACH	
23	2-Isopropyl-3-methoxypyrazine solution. Certified reference material	1mL	EACH	
24	N-Nitrosodiethylamine (NDEA). Pharmaceutical Secondary Standard; Certified Reference Material	1g	EACH	
25	N-Nitrosodiethylamine (NDEA) solution. Certified reference material, 5000 µg/mL in methanol	1mL	EACH	
26	N-Nitrosodimethylamine (NDMA) solution. Certified reference material, 200 µg/mL in methanol	1mL	EACH	
27	N-Nitrosodimethylamine (NDMA). Pharmaceutical Secondary Standard; Certified Reference Material	100mg	EACH	
28	N-Nitrosodimethylamine-d6. 98 atom % D	100mg	EACH	
29	Terbutylazine-(ethyl</Hd<SUB>5). analytical standard	250mg	EACH	
30	Terbutylazine, analytical standard	2mL	EACH	
31	Simazine solution. 100 µg/mL in methanol, analytical standard	2mL	EACH	
32	Simazine-d10, analytical standard	10mg	EACH	
33	Epichlorohydrin-d5. ≥98 atom % D, ≥99% (CP), contains hydroquinone as stabilizer	1g	EACH	
34	(±)-Epichlorohydrin. purum, ≥99% (GC)	500mL	EACH	
35	17β-Estradiol-D5 solution. 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material,	1mL	EACH	
36	Testosterone-d3 (16, 16, 17-d3) solution. 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material,	1mL	EACH	

37	5 α -Dihydrotestosterone-D3 (16,16,17-D3) solution- 100 μ g/mL in methanol, ampule of 1 mL, certified reference material,	1mL	EACH	
38	Androstene-3,17-dione-2,3,4-13C3 solution. 100 μ g/mL in acetonitrile, ampule of 1 mL, certified reference material,	1mL	EACH	
39	17 α -Ethinylestradiol solution. 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material,	1mL	EACH	
40	Sulfamerazine, analytical standard	250mg	EACH	
41	Sulfathiazole, analytical standard	250mg	EACH	
42	Sulfamethizole, analytical standard	250mg	EACH	
43	Caffeine. anhydrous, tested according to Ph. Eur.	250g	EACH	
44	Warfarin. analytical standard	10g	EACH	
45	(-)-Cotinine solution. drug standard, 1.0 mg/mL in methanol	1mL	EACH	
46	Ciprofloxacin. \geq 98% (HPLC)	5g	EACH	
47	Trimethoprim, analytical standard	250mg	EACH	
48	Ofloxacin, analytical standard	100mg	EACH	
49	Norfloxacin, analytical standard	100mg	EACH	
50	Flumequine, analytical standard	250mg	EACH	
51	Sulfadimethoxine, analytical standard	250mg	EACH	
52	Penicillin V potassium salt, analytical standard	250mg	EACH	
53	Cloxacillin sodium salt monohydrate, analytical standard	250mg	EACH	
54	Oxacillin sodium salt monohydrate, , analytical 57standard	100mg	EACH	
55	Estradiol. Pharmaceutical Secondary Standard; Certified Reference Material	1g	EACH	
56	Bisphenol A. certified reference material	100mg	EACH	
57	Bisphenol A-d16. 98 atom % D	50mg	EACH	
58	Caffeine-(trimethyl-d9). 99 atom % D, 98% (CP)	100mg	EACH	
59	Acrylamide. Molecular Biology, \geq 99% (HPLC)	25g	EACH	

60	Chloroacetic acid-13C2. 99 atom % 13C	250mg	EACH	
61	Chloroacetic acid, analytical standard	1g	EACH	
62	Dichloroacetic acid, analytical standard	100mg	EACH	
63	EPA 552 Halogenated Acetic Acids Mix. Certified reference material, 2000 µg/mL each component in methyl tert-butyl ether	1mL	EACH	
64	EPA 552.2 Acids Calibration Mix. certified reference material, in methyl tert-butyl ether (varied)	1mL	EACH	
65	EPA 552.2 Haloacetic Acids Mix. certified reference material, 2000 µg/mL each component in methyl tert--butyl ether	1mL	EACH	
66	Trichloroacetic acid. for analysis	100mL	EACH	
67	Trichloroacetic acid-1-13C. 99 atom % 13C	1g	EACH	
68	Ibuprofen. Pharmaceutical Secondary Standard; Certified Reference Material	1g	EACH	
69	Carbamazepine. analytical standard	100mg	EACH	
70	Carbamazepine. Pharmaceutical Secondary Standard; Certified Reference Material	1g	EACH	
71	(-)-Cinchonidine. phyproof® Reference Substance	100mg	EACH	
72	Acetaminophen-D4 solution. 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	1mL	EACH	
73	Diclofenac sodium salt. Pharmaceutical Secondary Standard; Certified Reference Material	1g	EACH	
74	Bezafibrate. European Pharmacopoeia (EP) Reference Standard	1g	EACH	
75	Sulfamethoxazole, analytical standard	250mg	EACH	
76	Sulfamethoxazole. Pharmaceutical Secondary Standard; Certified Reference Material	1g	EACH	

Group 88: Standards for PFAS analysis				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Heptadecafluorooctanesulfonic acid solution. *100 µg/mL in methanol, analytical standard	1mL	EACH	

2	Perfluorooctanoic acid. 95%	5g	EACH	
3	Perfluorooctanoic acid. 95%	25g	EACH	
4	Pentadecafluorooctanoic acid * certified reference material,	25mg	EACH	
5	Perfluorononanoic acid. 97%	25g	EACH	
6	Perfluoroheptanoic acid. ≥97.0%	5g	EACH	
7	Nonafluorobutane-1-sulfonic acid. 97%	5g	EACH	

Group 89: Standards for ELISA/LCMS Analysis				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Saxitoxin	1mL	EACH	
2	Saxitoxin dihydrochloride solution.	0.5mL	EACH	
3	Neosaxitoxin-15N7 solution.	0.5mL	EACH	
4	Cylindrospermopsin solution	1mL	EACH	

Group 90: PAL consumables				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Smart SPME fiber assembly, 50/30µm PDMS/DVB/CAR, stableflex, 2cm, 23 Ga	EACH	EACH	
2	Smart SPME fiber assembly, 75µm CAR/PDMS, stableflex, 1cm, 23 Ga	EACH	EACH	
3	Smart SPME fiber assembly, 100µm PDMS, stableflex, 1cm, 23 Ga	EACH	EACH	
4	Smart SPME fiber assembly, 60µm PEG, stableflex, 1cm, 23 Ga	EACH	EACH	
5	Smart SPME fiber assembly, 65µm PDMS/DVB/OC, stableflex, 1cm, 23 Ga	EACH	EACH	
6	Smart SPME fiber assembly, 7µm PDMS, stableflex, 1cm, 23 Ga	EACH	EACH	
7	Smart SPME fiber assembly, 85µm PA, stableflex, 1cm, 23 Ga	EACH	EACH	

Group 91: Cleaning				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Alcohol sanitizing wipes	PER BUCKET	EACH	

Group 92:				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Alcohol sanitizing wipes	5L	EACH	

2	Medical Sterile single-use swabs with sturdy plastic stem enclosed in sterile plastic cover with safety tamper-proof seal	Box of 100	EACH	
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Group 93:				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Glassware and bottle washing brush 75x150x650mm	EACH	EACH	
2	Glassware and bottle washing brush 45mm	EACH	EACH	
3	Brush test tube 19-25mm	EACH	EACH	
4	Glassware and bottle washing brush 75x150x550mm	EACH	EACH	

Group 94:				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Butane/propane mix cartridge	CAN	EACH	

Group 95:				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Biological indicator of steam sterilization	100/box	BOX	

Group 96: EVOQUA SPARES				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Granular Activated Carbon 10" Filter	EACH	EACH	
2	Fine filter cartridge 10" long	EACH	EACH	
3	Pretreatment module AMB	EACH	EACH	
4	Pre-purification module DTO	EACH	EACH	
5	Polishing Module MFIID	EACH	EACH	
6	Sterile Ventilation filter with CO2 trap	EACH	EACH	

Group 97: Consumables for PCR lab				
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	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Polymerase Chain Reaction (PCR) tubes	Box of 1000	EACH	
2	Sterile 1.5 ml Eppendorf micro-centrifuge tubes	Box of 100	EACH	
3	Sterile 2 ml Eppendorf micro-centrifuge tubes	Box of 1000	EACH	
4	Sterile 15 ml centrifuge tubes	Pack of 500	EACH	
5	Sterile 50 ml centrifuge tubes	Pack of 500	EACH	
6	50ml Centrifuge tube rack	RACK	EACH	
7	15ml Centrifuge tube rack	RACK	EACH	
8	PCR tube Cooler rack	RACK	EACH	
9	96-well low temperature rack	RACK	EACH	

Group 98: glassware				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	6-Paddle Jar Tester	EACH	EACH	
2	Volumetric flask 1L	EACH	EACH	
3	Volumetric flask 2L	EACH	EACH	
4	Volumetric flask 5L	EACH	EACH	
5	Volumetric flask 500mL	EACH	EACH	
6	Volumetric flask 100L	Pack of 10	PACK	
7	Glass beakers 1L	EACH	EACH	
8	Glass beakers 2L	EACH	EACH	
9	Glass beakers 5L	EACH	EACH	
10	Glass beakers 500mL	EACH	EACH	
11	Graduated pipette 1ml	EACH	EACH	
12	Graduated pipette 2ml	EACH	EACH	
13	Graduated pipette 5ml	EACH	EACH	
14	Graduated pipette 10ml	EACH	EACH	
15	Graduated pipette 20ml	EACH	EACH	
16	Volumetric bulb pipette 1ml	EACH	EACH	

17	Volumetric bulb pipette 2ml	EACH	EACH	
18	Volumetric bulb pipette 5ml	EACH	EACH	
19	Volumetric bulb pipette 10ml	EACH	EACH	
20	Volumetric bulb pipette 20ml	EACH	EACH	
21	Volumetric bulb pipette 25ml	EACH	EACH	
22	Glass graduated burette 50ml	EACH	EACH	
23	Autoclavable Glass vacuum filtration flasks (1L)	PER SET	EACH	
24	Autoclavable Glass vacuum filtration flasks (2L)	PER SET	EACH	

Group 99: Sterile Sample Collection Vessels				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Sterile 500mL Sample Collection Vessels	EACH	EACH	

Group 100:				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Disposable lab coats (various sizes)	PACK of 50	PACK	

Group 101: KITS FOR THE FLOW CYTOMETRY INSTRUMENT (MOLECULAR LAB)				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	BD Accuri C6 Plus Flow Cytometer 1-year Maintenance Kit	EACH	EACH	
2	BD Accuri C6 Plus Flow Cytometer Fluidic Kit	EACH	EACH	

Group 102: CONSUMABLES FOR THE FLOW CYTOMETRY INSTRUMENT (MOLECULAR LAB)				
	DESCRIPTION	VOLUME	UNIT OF MEASURE	NET PRICE UNIT DELIVERED EXCLUDING VAT
1	Standard 12 x 75-mm test tubes	PACK 1000	EACH	
2	BD CS & T RUO beads	EACH	EACH	

Pricing Instructions:

- 4.1 State the rates and prices in Rand unless instructed otherwise in the Conditions of Tender.
- 4.2 Include in the rates, prices, and the tendered total of the prices (if any) all duties, taxes (except Value Added Tax (VAT), and other levies payable by the successful tenderer, such duties, taxes and levies being those applicable 14 days before the closing time stated in the General Tender Information.
- 4.3 All prices tendered must include all expenses, disbursements and costs (e.g. transport, accommodation etc.) that may be required for the execution of the tenderer's obligations in terms of the Contract, and shall cover the cost of all general risks, liabilities and obligations set forth or implied in the Contract as well as overhead charges and profit (in the event that the tender is successful). All prices tendered will be final and binding.
- 4.4 All prices shall be tendered in accordance with the units specified in this schedule.
- 4.5 Where a value is given in the Quantity column, a Rate and Price (the product of the Quantity and Rate) is required to be inserted in the relevant columns.
- 4.6 The successful tenderer is required to perform all tasks listed against each item. The tenderer must therefore tender prices/rates on all items as per the section in the Price Schedule. **An item against which no rate is/are entered, or if anything other than a rate or a nil rate (for example, a zero, a dash or the word "included" or abbreviations thereof) is entered against an item, it will also be regarded as a nil rate having been entered against that item, i.e. that there is no charge for that item. The Tenderer may be requested to clarify nil rates, or items regarded as having nil rates; and the CCT may also perform a risk analysis with regard to the reasonableness of such rates.**
- 4.7 Provide fixed rates and prices for the duration of the contract that are not subject to adjustment except as otherwise provided for in clause 17 of the Conditions of Contract and as amplified in the Special Conditions of Contract.
- 4.8 Tenderers must submit prices for all items in each Group tendered on, as it is intended to award each Group to one main tenderer and an alternative tenderer. Failure to comply with this instruction will result in tenderer being non-responsive for the entire group.

INITIALS OF CCT OFFICIALS		
1	2	3

C.5 SPECIFICATION(S)

TENDERERS MUST NOTE THAT WHEREVER THIS DOCUMENT REFERS TO ANY PARTICULAR TRADE MARK, NAME, PATENT, DESIGN, TYPE, SPECIFIC ORIGIN OR PRODUCER, SUCH REFERENCE SHALL BE DEEMED TO BE ACCOMPANIED BY THE WORDS 'OR EQUIVALENT'

1: INTRODUCTION

Various chemicals and consumables is used in the tests performed at Scientific Services. This tender caters for the supply and delivery of chemicals and consumables used in the operational processes of Scientific Services.

2: QUALITY CRITERIA

- 1) Scientific Services is an ISO 17025 Accredited facility and it requires its manufacturers of chemicals and consumables to be ISO 9001 or equivalent certified.
- 2) Suppliers of chemicals and consumables must submit confirmation that they are authorised distributors of the items they tendered on.
- 3) All chemicals must be of Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis.
- 4) Where applicable, all standards/buffers listed must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery.
- 5) Tenderers must provide an copy of the certificate of analysis for the respective chemicals with the tender or when requested.
- 6) Tenderers must provide an copy of the certificate of conformity for the respective consumables with the tender or when requested.

3: DELIVERY

- 7) The successful tenderer/s must keep stock of the items they have been awarded, the maximum waiting time for chemicals/consumables to arrive from date of order must be 4 weeks.
- 8) Should delivery not be possible within the stipulate 4 weeks, the tenderer must immediately contact the Project Manager. If the matter is not remedied the City reserves its rights to approach the alternative tenderer.
- 9) All chemicals and consumable delivered must atleast have 80% of its shelf life on date of delivery. If expired chemicals/consumables is provided it will not be accepted and it will be returned at the expense of the tenderer.
- 10) The City reserves its right to request samples/brochures to confirm compliance with the requirements of the specifications per item of chemical /consumable as specified in the description column in the Pricing Schedule. Non- compliance to the specifications will deem an chemical/consumable as non-responsive.

Group 1		
	DESCRIPTION	SPECIFICATIONS
1	Ammonium Molybdate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
2	Barium Diphenyl Amine Sulphonate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
3	di-Sodium Tetraborate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
4	Potassium Iodide	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
5	Sodium Carbonate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
6	Sodium 71hydrogen Orthophosphate Anhydrous	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
7	Tris (hydromethyl) Aminomethane	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
8	Potassium Iodate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
9	Iodine (crystals)	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
GROUP 2		
	DESCRIPTION	SPECIFICATIONS
1	Ammonium chloride (NH ₄ Cl) ≥99.5%	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
2	Oxalic acid 98%	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
3	Copper Sulphate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
4	Zinc Sulphate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
5	Sulphanilimide ≥98%	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
6	Hydrazine sulfate salt. ACS reagent, ≥99.0%	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
7	Sodium dodecyl sulfate. ≥98.5%	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
8	4-Aminoantipyrine	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
9	Ammonium acetate. ≥99.99%	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
10	Ammonium formate. ≥99.995%	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
11	Ferric Cyanide (98%)	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
12	Isonicotinic Acid (98%)	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
13	Chloramine-T (98%)	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
14	Magnesium Sulphate Heptahydrate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
Group 3		
	DESCRIPTION	SPECIFICATIONS
1	4 Amino 2.3 Dimethyl 1 Phenyl	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified

2	Ammonium Peroxodisulfate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
3	Antimony Potassium Tartrate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
4	Barbituric Acid	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
5	Mercuric Sulphate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
5a	Mercuric Sulphate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
6	Mercuric Thiocyanate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
6a	Mercuric Thiocyanate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
7	Phenol Crystals	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
8	Potassium Ferric Cyanide	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
9	Potassium Hydroxide	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
10	Potassium Peroxodisulfate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
11	Potassium Sodium Tartrate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
12	Silver Sulphate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
13	Sodium Hydrogen Carbonate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
14	Sodium Nitroprusside	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
15	Sodium Salicylate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
16	Stannous Chloride	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
17	Potassium Thiocyanate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
18	Iron(III) Nitrate Nonahydrate Minimum 98% purity	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
18a	Iron(III) Nitrate Nonahydrate Minimum 98% purity	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
Group 4		
	DESCRIPTION	SPECIFICATIONS
1	Barium Chloride	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
1a	Barium Chloride	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
2	Potassium Cyanide	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
3	Potassium Nitrate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
4	Potassium Nitrite Crystals	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
4a	Potassium Nitrite Crystals	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
5	Potassium Chloride	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
6	Potassium Fluoride	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
7	Potassium Sulphate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified

8	Sodium Flouride	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
9	Sodium Nitrate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
10	Sodium Nitrite	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
11	Sodium Chloride	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
12	Sodium Sulphate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
	Group 5	
	DESCRIPTION	SPECIFICATIONS
1	Ammonium Ferrous Sulphate Hexahydrate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
2	Ascorbic Acid - C ₆ H ₈ O ₆ =176,13 (Must not be vitamen C)	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
3	Di-Sodium Hydrogen Phosphate Anhydrous	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
4	Ethylene Diamine Tetra-Acetic Acid (EDTA) Disodium Salt -	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
5	N-1(1-Naphthyl) Ethylenediamine Dihydrochloride 50G	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
5a	N-1(1-Naphthyl) Ethylenediamine Dihydrochloride 100G	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
6	Potassium Dichromate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
7	Potassium Dihydrogen Phosphate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
8	Potassium Permanganate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
9	Potassium Hydrogen Phthalate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
10	Silver Nitrate 100G	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
10a	Silver Nitrate 500G	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
11	Sodium Hydroxide Pellets	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
	Group 6	
	DESCRIPTION	SPECIFICATIONS
1	Bromothymol Blue Indicator	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
2	Bromocresol Green Indicator	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
3	Eriochrome Black T Indicator	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
4	Methyl Red Indicator	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
5	Phenolphthalein Indicator	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
6	Starch Soluble	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
7	Phenol Red	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
	Group 7	

	DESCRIPTION	SPECIFICATIONS
1	Sodium Thiosulphate penthydrate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
2	Sodium Thiosulphate (NaSCN) *purity greater than or equal to 99.99% for trace metals basis	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
	Group 8	
	DESCRIPTION	SPECIFICATIONS
1	Potassium Chloroplatinate K ₂ PtCl ₆	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
2	Cobal Chloride anhydrous	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
3	Cobalt Chloride Hexahydrate	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
	Group 9	
	DESCRIPTION	SPECIFICATIONS
1	1 x N.N DIETHYL 1.4 PHENYLENEDIAMMONIUM SULFATE	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
	Group 10	
	DESCRIPTION	SPECIFICATIONS
1	Acetone (AR Grade)	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
2	Acetone (Chromatography Grade >99.90 %)	LC or GC Grade . The grade must be confirmed on the Certificate of Analysis. ISO certified
3	Acetonitrile HPLC grade	LC or GC Grade . The grade must be confirmed on the Certificate of Analysis. ISO certified
4	Ammonia Solution 25%	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
5	Dichloromethane AR grade	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
6	Ethanol (Rectified) (96%)	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
7	Ethanol 96%	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
8	Ethanol (99.9% for GC analysis); Evaporation residue ≤2.0 mg/l; Water ≤0.1 %	LC or GC Grade . The grade must be confirmed on the Certificate of Analysis. ISO certified
9	Formaldehyde - H.CHO 34 %	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
10	Hexane (AR)	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
11	Hexane (LC or GC grade, min 98.5% purity); Residue on Evaporation < 0.0001 % Water (by Karl Fischer) < 0.01 %	LC or GC Grade. The grade must be confirmed on the Certificate of Analysis. ISO certified
12	Isoproponol (Suitable for LC-MS; Intensity of background; mass peak based on reserpine (APCI/ESI positive) ≤10 ppb; Suitable for LC-MS; Intensity of background mass peak based on reserpine (APCI/ESI negative) ≤ 20 ppb	LC or GC Grade. The grade must be confirmed on the Certificate of Analysis. ISO certified
13	Methanol (AR)	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified

14	Methanol (HPLC grade);	HPLC Grade. The grade must be confirmed on the Certificate of Analysis. Purity (GC) > 99.90 % Residue on Evaporation < 0.0003 % Water (by Karl Fischer) < 0.02 % ISO certified
15	Methylated Spirits (Clear)	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
16	Dichloromethane	LC or GC Grade. The grade must be confirmed on the Certificate of Analysis. (LC or GC grade, 99.9% Purity); Water (by Karl Fischer) < 0.01 % Residue on Evaporation < 0.0001 %" ISO certified

Group 11

	DESCRIPTION	SPECIFICATIONS
1	Pyridine	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
2	Ammonium hydroxide solution.	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. 28% NH ₃ in H ₂ O, ≥99.99% trace metals basis ISO certified
3	Formic acid, AR Grade,	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. 98.0-100% ISO certified

Group 12

	DESCRIPTION	SPECIFICATIONS
1	Cleaning Solution	phosphate free surface active agent for washing sample bottles
2	Disinfectant	(Broad Spectrum Residual Spray - also suitable for safe use on stainless steel surfaces such as laminar flows))

Group 13

	DESCRIPTION	SPECIFICATIONS
1	Bleach	10% Hypochlorite AR Grade

Group 14

	DESCRIPTION	SPECIFICATIONS
1	Fluorescent Dye powder	this must not be harmful to the environment or humans; a specification sheet must be submitted The product is used to trace leaks in pipes and rivers

Group 15

	DESCRIPTION	SPECIFICATION
1	Potassium Chloride Standard - 0.1M KCl	Must be confirmed on the Certificate of Analysis. Must be traceable to International Standards
2	Potassium Chloride Standard - 3M KCl	Must be confirmed on the Certificate of Analysis. Must be traceable to International Standards

Group 16

	DESCRIPTION (pH BUFFERS FOR USE WITH THE AUTOMATED METROHM pH, EC ANALYSERS)	SPECIFICATIONS
1	pH Buffer 4.00 Standard	Where applicable, all standards/buffers listed must be traceable to the National Institute of Standards and

		Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery.
2	ph Buffer 6.00 Standard	Where applicable, all standards/buffers listed must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery.
3	pH Buffer 7.00 Standard	Where applicable, all standards/buffers listed must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery.
4	pH Buffer 9.00 Standard	Where applicable, all standards/buffers listed must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery.
5	Potassium Chloride (KCl) Conductivity Standard 12.87 mS/cm \pm 0.1 mS/cm (25.0 \pm 0.2°C)	Where applicable, all standards/buffers listed must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery.
Group 17		
	DESCRIPTION (FOR USE WITH OTHER MANUAL pH METERS)	SPECIFICATIONS
1	pH Buffer 4.00 Standard (Sachets)	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery.
2	pH Buffer 7.00 Standard (Sachets)	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery.
3	pH Buffer 9.00 Standard (Sachets)	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery.
4	pH Buffer 12.00 Standard (Sachets)	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery.
Group 18 Reagent Mixes for Discrete Analysis (Gallery Plus)		
	DESCRIPTION	SPECIFICATIONS
1	Alkalinity Reagent 1 for Alkalinity Analysis on the Discreet Analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser
2	Alkalinity Reagent 2 for Alkalinity Analysis on the Discreet Analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser
3	Ammonia Reagent 1 for Ammonia Analysis on the Discreet Analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser
4	Ammonia Reagent 2 for Ammonia Analysis on the Discreet Analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser
5	Ammonium Standard (as N) for Ammonia Analysis on the Discreet Analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser
6	Chloride Reagent 1 for Chloride Analysis on the Discreet Analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser
7	Chloride Standard (as Cl) for Chloride Analysis on the Discreet Analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser
8	Chromium (VI) Reagent 1 for Chromium (VI) Analysis on the Discreet Analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser
9	Alizarin Fluorine Blue Reagent for Fluoride Analysis on the Discreet Analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser
10	Acetate buffer reagent for Fluoride Analysis on the Discreet Analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser

11	Cerous nitrate reagent for Fluoride Analysis on the Discreet Analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser
12	Fluoride standard for Fluoride Analysis on the Discreet Analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser
13	Total Organic Nitrogen (TON) reagent 1 for TON analysis on the discrete analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser
14	Total Organic Nitrogen (TON) reagent 2 for TON analysis on the discrete analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser
15	Total Organic Nitrogen (TON) reagent 3 for TON analysis on the discrete analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser
16	Nitrite (as N) standard for Nitrite Analysis on the Discreet Analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser
17	Phosphate reagent 1 for phosphate Analysis on the Discreet Analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser
18	Phosphate reagent 2 for phosphate Analysis on the Discreet Analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser
19	Phosphate standard for phosphate Analysis on the Discreet Analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser
20	silica reagent 1 for silica Analysis on the Discreet Analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser
21	silica reagent 2 for silica Analysis on the Discreet Analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser
22	silica reagent 3 for silica Analysis on the Discreet Analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser
23	Sulphate reagent for sulphate analysis on the Discrete Analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser
24	Sulphate Standard for sulphate analysis on the Discrete Analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser
25	Thiocyanate colour reagent for thiocyanate analysis on the Discrete Analyzer	Must be suitable for use on the Gallery Plus Discrete Analyser

Group 19: Certified Reference Material (CRM For Turbidity)

	DESCRIPTION	SPECIFICATIONS
1	Stabilized Formazin Turbidity Standard 1NTU	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery.
2	Stabilized Formazin Turbidity Standard 100NTU	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery.
3	Stabilized Formazin Turbidity Standard 1000NTU	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery.
4	Stabilized Formazin Turbidity Standard 1NTU	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery.
5	Stabilized Formazin Turbidity Standard 100NTU	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery.
6	Stabilized Formazin Turbidity Standard 1000NTU	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery.
7	Turbidity Calibration Set (Range 0 to 700NTU)	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery. *The Turbidity Standard set must be StablCal Formazin Primary Calibration Standards in sealed vials. * The Standards must include 10, 20 and 600 NTU standards

		<p>*The standard vials must be compatible with the HACH TU5200 Turbidimeter</p> <p>* A certificate of Analysis for the standards must be available</p> <p>* Expire date for Standards at least one year from delivery date</p>
8	Turbidity Calibration Set (Range 0 to 4000NTU)	<p>Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery.</p> <p>*The Turbidity Standard set must be StablCal Formazin Primary Calibration Standards in sealed vials.</p> <p>* The Standards must include 10, 20 and 600 NTU standards</p> <p>*The standard vials must be compatible with the HACH TU5200 Turbidimeter</p> <p>* A certificate of Analysis for the standards must be available</p> <p>* Expire date for Standards at least one year from delivery date.</p>
Group 20: Certified Reference Material (CRM – Gas Chromatography)		
	DESCRIPTION	SPECIFICATIONS
1	Geosmin (100 µg/ml in methanol) in sealed vial	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis.
2	2-Methylisoborneol (100 µg/ml in methanol) in sealed vial	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis.
3	Geosmin and 2-methylisoborneol in methanol (1mL sealed ampule)	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis.
4	Fluorobenzene (99%)	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis.
5	3-Octanol (98)	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis.
6	4-bromofluorobenzene	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis.
7	Trihalomethane Mixture containing: Bromodichloromethane, Bromoform, Chloroform, Dibromochloromethane (2000 µg/ml in methanol) in sealed vial	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis.
8	Trihalomethanes Calibration Mix	<p>* EPA 501/601</p> <p>*certified reference material,</p> <p>*200 µg/mL each component in methanol</p> <p>The grade must be confirmed on the Certificate of Analysis.</p>
9	Bromoform-d. ≥99.5 atom % D, ≥99% (CP)	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis.
10	Iodoform. 99%	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis.
11	Halogenated volatiles mix or equivalent EPA551A Concentration - 2000 µg/mL in 1 mL ampules Bromodichloromethane Bromoform Carbon Tetrachloride Chloroform Dibromochloromethane 1,2,-Dibromo-3-chloropropane	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis.

	1,2-dibromoethane Tetrachloroethylene 1,1,1-trichloroethane Trichloroethane	
12	BTEX Mixture Certified Reference Material Minimum of 2000 µg/mL of each component in the solution (1 mL sealed ampule) or equivalent Benzene Ethylbenzene Toluene ortho-Xylene meta-Xylene para-Xylene	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis.
13	BTEX Analytical Standard solution Minimum of 1 mg/mL concentration of each component in the solution (1 mL sealed ampule) or equivalent Benzene Ethylbenzene Toluene ortho-Xylene meta-Xylene para-Xylene	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis.
Group 21: Reagents for HACH		
	DESCRIPTION	SPECIFICATIONS
1	Ammonia TNTplus, Ultra low range (0.015 - 2.00 mg/L)	Must be for HACH DR systems
2	Ammonia TNTplus, Low Range (1 - 12mg/L)	Must be for HACH DR systems
3	Ammonia TNTplus, High Range (2 - 47 mg/L)	Must be for HACH DR systems
4	Nitrate TNTplus, Low Range (0.23 - 13.5 mg/L)	Must be for HACH DR systems
5	Nitrate TNTplus, 5 – 35mg/l	Must be for HACH DR systems
6	Nitrate (Cadmium Reduction Reagent Set) Low Range (0.01 0.5mg/L) for 100 tests	Must be for HACH DR systems
7	Nitrogen-Ammonia Set, Nessler (0.02 - 2.5mg/L)	Must be for HACH DR systems
8	Posphorous (reactive and total) TNTplus, (0.05-1.5 mg/l)	Must be for HACH DR systems
9	Posphorous (reactive and total) TNTplus, (1.5- 15 mg/l)	Must be for HACH DR systems
10	Phosphate reagent powder pillows, 0.02–2.5 mg/l	Must be for HACH DR systems
11	Nitrate reagent powder pillows, 0.3 – 30 mg/l	Must be for HACH DR systems
12	Nitrite TNTplus. 0.6 - 6.0mg/l	Must be for HACH DR systems
13	Free Chlorine TNTplus, 0.05 – 2.0 mg/l	Must be for HACH DR systems
14	Total alkalinity TNTplus (25-400mg/l)	Must be for HACH DR systems
15	s - TKN TNTplus (0-16 MG/L N)	Must be for HACH DR systems
16	Sulphate TNTplus LR 40 - 150mg/l	Must be for HACH DR systems
17	Alluminium TNTplus LR	Must be for HACH DR systems
18	Iron TNTplus LR	Must be for HACH DR systems
19	Manganese TNTplus LR	Must be for HACH DR systems
20	Calcium TNTplus	Must be for HACH DR systems
21	Magnesium TNTplus	Must be for HACH DR systems

22	Potassium TNTplus	Must be for HACH DR systems
23	Chloride TNTplus	Must be for HACH DR systems
24	BOD TNTplus	Must be for HACH DR systems
25	COD digestion vials (Range 3-150mg/l)	Must be for HACH DR systems
26	COD digestion vials (Range 20-1500mg/l)	Must be for HACH DR systems

Group 22:

	DESCRIPTION	SPECIFICATIONS
1	Internal Calibration Standard for ICP-MS *Combined standard containing 10 ppm Bi, GE, In, Li6, Sc, Tb, Y preserved with 10% (v/v) Nitric Acid)	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery.
2	Metal solution 1 *in 5% v/v HNO3 *Contains: 50 µg/mL As, Ba, Cd, Co, Pb, Ni, Se, Tl, U, V; 100 µg/mL Cr, Cu, Mn, Sr; 500 µg/mL Al, Fe, Zn.	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery.
3	Metal solution 2 *in 5% v/v HNO3 /tr HF. *Contains: 50 µg/mL Sb, Mo, Ti.	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery.
4	Stock Standard (AL-ZN) *1000µg/mL K. *100µg/mL: Ag, Al, As,B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Li, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sr, Ti, Tl, V, Zn. *50µg/mL: Si * in 5% (v/v) HNO3 tr. HF *d = 1.036g/mL	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery. * IV-28 or equivalent
5	Stock AQC (AL-ZN) *1000mg/L: Al, Fe, Zn, *200mg/L: Cr, Cu, Mn, Sr *100mg/L: As, Ba, Cd, Co, Mo, Ni, Sb, Se, Ti, Tl, U, V *7% (v/v) HNO3 *0.8% (v/v) HF *d = 1.056 g/mL	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery. * SEP-1057 or equivalent
6	Stock standard (CMNK) *5000 µg/mL: Ca, K, Mg, Na *3% (v/v) HNO3 *d= 1.073 g/mL	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery. *IV-STOCK-34 or equivalent
7	Stock AQC (CMNK) *1000 mg/L: Ca, Na *250 mg/L: K, Mg *2% (v/v) HNO3 *d= 1.016 g/mL	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery. * SEP - CAL -16 or equivalent
8	Tuning Solution *containing Ce, Co, Li, Mg, Tl, Y *HNO3,	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery. * IV-STOCK-74 or equivalent
9	Mercury standard 10.000±0.052 µg/mL Mercury 10% (v/v) HCl d = 1.020 g/mL	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
10	Mercury AQC (Different batch/Lot number) 10.000±0.052 µg/mL Mercury 10% (v/v) HCl d = 1.020 g/mL	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery

11	CRM 1 1000µg/L (1ppm) : Al, Fe, Zn, 200 µg/L: Cr, Cu, Mn, Sr 100µg/L: As,B, Ba, Cd, Co, Mo, Ni, Sb, Se, Ti, Ti, U, V (v/v) HNO3 d = 1.056 g/mL	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
12	CRM 2 200µg/L : Al, Fe, Zn, 40 µg/L: Cr, Cu, Mn, Sr 20 µg/L: As, Ba, Cd, Co, Mo, Ni, Sb, Se, Ti, Ti, U, V (v/v) HNO3	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
13	CRM 3 100µg/L : Al, Fe, Zn, 20 µg/L: Cr, Cu, Mn, Sr 10µg/L: As, Ba, Cd, Co, Mo, Ni, Sb, Se, Ti, Ti, U, V (v/v) HNO3	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
14	CRM 1 (Mercury) 0.5 µg/L 10% (v/v) HCl	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
15	CRM 2 (Mercury) 5 µg/L 10% (v/v) HCl	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery

Group 23		
	DESCRIPTION	SPECIFICATIONS
1	Sodium Acetate Buffer (pH 4.6 +/- 0.2)	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. ISO certified
Group 24		
	DESCRIPTION	SPECIFICATIONS
1	PCR-Grade water	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis. Ultrapure sterile deionised water. ISO certified
Group 25		
	DESCRIPTION	SPECIFICATIONS
1	DPD free chlorine powder pillows (PACK1000)	*USEPA accepted for reporting for drinking water analysis using Hach Method 8021. EPA compliant. For use on the HACH instruments (must be compatible) Range: 0.02 to 2.00 mg/L Cl ₂ . Sample Size: 10 mL.
1a	DPD free chlorine powder pillows (PACK100)	*USEPA accepted for reporting for drinking water analysis using Hach Method 8021. EPA compliant. For use on the HACH instruments (must be compatible) Range: 0.02 to 2.00 mg/L Cl ₂ . Sample Size: 10 mL.

Group 26		
	DESCRIPTION	SPECIFICATIONS
1	18 place Brand Autoclave box with 10mL Brand pipette tips	For use with the Brand automatic pipette
Group 27 (Polymerase Chain Reaction (PCR) tubes		
	DESCRIPTION	SPECIFICATIONS
1	0.5 ml flat-capped clear PCR tubes	(DNA/RNAase & PCR inhibitors free) for Real-time PCR
2	Non-Sterile 1.5 ml micro-centrifuge tubes	(for autoclaving, preparing PCR mastermixes)
3	Non-Sterile 2.0 ml micro-centrifuge tubes	(for autoclaving, preparing PCR mastermixes)
Group 28		
	DESCRIPTION	SPECIFICATIONS
1	Sterile PCR-plugged 10 ul tips	(Suitable for Gilsons and Eppendorf pipettes)
2	Sterile PCR-plugged 20 ul tips	(Suitable for Gilsons and Eppendorf pipettes)
3	Sterile PCR-plugged 200 ul tips	(Suitable for Gilsons and Eppendorf pipettes)
4	Sterile PCR-plugged 1000 ul tips	(Suitable for Gilsons and Eppendorf pipettes)
Group 29		
	DESCRIPTION	SPECIFICATIONS
1	Parafilm (4inch x 125 ft Roll)	*roll must come in a dispenser *Flexible and moldable *Self-sealing *Odourless *Moisture resistant *Semitransparent *Temperature range: 45 to 50 Degree Celsius
Group 30		
	DESCRIPTION	SPECIFICATIONS
1	Individually wrapped, plastic sterile disposable Loops 10µl	Individually wrapped, plastic sterile
2	Pasteur glass pipettes (230mm)	Glass; 230mm
3	Pasteur plastic pipette with bulb (3.5 ml)	Plastic; 3.5ml
4	Microscope cover slides	(22 x 50 mm)
5	Standard Microscope slides	(76 x 26 mm)
6	Utermohl sedimentation chamber base size	(120 x 43 mm)
7	Weighing boats Diamond 100ml	Polypropylene (PP) Rigidity: Semi-rigid, flexible Typical thickness: ~0.6–1.0 mm Temperature resistance: Up to ~120 °C Chemical compatibility: Excellent with acids, bases, alcohols Good resistance to most organic solvents Autoclavable
8	Weighing boats Diamond 30ml	Polypropylene (PP) Rigidity: Semi-rigid, flexible

		Typical thickness: ~0.6–1.0 mm Temperature resistance: Up to ~120 °C Chemical compatibility: Excellent with acids, bases, alcohols Good resistance to most organic solvents Autoclavable
	Group 31	
	DESCRIPTION	SPECIFICATIONS
1	Autoclavable Craft Paper	(Blue Steri Sheet) 900mmx1200mm
2	Autoclave Tape	(12mmx55m) Self Adhesive
3	Autoclave Indicator Tape	(25mmx50m) Self Adhesive
	Group 32	
	DESCRIPTION	SPECIFICATIONS
1	Culture test tubes	boro silicate wall no rim 13x100mm
2	Culture test tubes	Borosilicate wall No rim 16 x 150mm 1000/box
3	Test Tube Caps	<ul style="list-style-type: none"> • 15-16mm • Metal • Red/silver/blue/green/yellow/purple • 10 per pack
	Group 33 : Solid Phase Extraction Cartridges	
	DESCRIPTION	SPECIFICATIONS
1	3cc/60mg HLB Hydrophilic-Lipophilic-Balanced, water-wettable, reversed-phase sorbent	Balanced Co-polymer of divinylbenzene and vinyl pyrrolidinone
2	6cc/150mg HLB Hydrophilic-Lipophilic-Balanced, water-wettable, reversed-phase sorbent	Balanced Co-polymer of divinylbenzene and vinyl pyrrolidinone
	Group 34	
	DESCRIPTION	SPECIFICATIONS
1a	High Performance Syringe Filters: Suppliers must provide filters to be tested for suitability.	<ul style="list-style-type: none"> • feature a membrane with a fast flow rate and capability to filter a sample with high particulate matter (>6000mg/l) with a single filter. Large filter surface area which increases flow rates and makes it easier to filter solutions by reducing the pressure required to empty the syringe • Diameter: 33mm; • Pore Size: 0.45µm; • Filtration Area: 4.5cm² • Max Differential Pressure: 8.6 bar/125psi; • Max Operating Temp: 45°C • Must not contribute to UV transmittance results

1b	High Performance Syringe Filters: Suppliers must provide filters to be tested for suitability.	<ul style="list-style-type: none"> feature a membrane with a fast flow rate and capability to filter a sample with high particulate matter (>6000mg/l) with a single filter. Large filter surface area which increases flow rates and makes it easier to filter solutions by reducing the pressure required to empty the syringe Diameter: 33mm; Pore Size: 0.45µm; Filtration Area: 4.5cm² Max Differential Pressure: 8.6 bar/125psi; Max Operating Temp: 45°C Must not contribute to UV transmittance results
Group 35		
	DESCRIPTION	SPECIFICATIONS
1	Glass Fibre Filters (For use at 105 deg celcius and 550 deg celcius): *Diameter: ø47mm, 1.2micron* For tenderer to bring samples of filter paper to test	*Filter paper will be tested for use of the Standard Test method for Total Suspended Solids and Chlorophyl-a Filters will be evaluated in accordance with following 1) Weight loss of filter must not be more than 0.0005g. 2) Filtrate must have turbidity of less than <1 NTU
Group 36		
	DESCRIPTION	SPECIFICATIONS
1	Filter paper No 1	(ø110mm)
2	Phase separating filters	(110mm)
3	Cellulose Acetate Filter Paper:	* Pore size: 0.45µm, *Diameter: ø 47mm gridded * Sterile gamma irradiated filters *Individually wrapped
4	Glass fibre filter paper 0.7micron	47mm diameter
Group 37		
	DESCRIPTION	SPECIFICATIONS
1	Kimwipe metal stand	for jumbo paper roll
2	Drying rack – Wall mounted 72 Peg or more	rack drying - wall mounted 72-peg (450x630x110mm)
3	Culture Tubes with screw cap	* (must be entrifuge and heat-friendly) *16 x 125mm
4	Glass Filtration system	*3 Piece – all glass *2L Buchner Flask *47mm ground joint flask
5	Glass Filtration system	*3 Piece – all glass *1L Buchner Flask *47mm ground joint flask

6	Wash Bottle – LDPE – 500mL	bottle wash ldpe wide neck distilled water white 500ml
7	Spatula - Micro – 200mm	Micro – 200mm
8	Spatula – Spoon – 200mm	– Spoon – 200mm
9	Rubber pipette filler	•50 mL with a release valve
10	Retort stands with burette clamps	•Should accommodate two 50 mL burettes •Each retort stand to include one (1) double-sided and one (1) 3-prong lab clamp (+ bosshead clamp holder)
Group 38		
	DESCRIPTION	SPECIFICATIONS
1	pH Strips: Suppliers must provide strips to be tested for suitability	Measure pH values must range from 0 to 14 with 24 pH units and 8 vertical color graduations. Sensitivity of 0.5 pH unit in the 0 to 9 range (this must be individually marked); 1 pH unit in the 9 to 14 range. Must include color reference chart. Must not be in a roll, must be individual strips. Please specify and include brochure/picture of item.
Group 39: Filter cartridges for water purification systems Systems: RiOs8 Synergy, RiOs24 Synergy, MilliQ Direct 8/16, MilliQ RiOs 50		
	DESCRIPTION	SPECIFICATIONS
1	Polygard cartridge filter 10inch 0.5micrometer (µm)	*Maximum differential/Inlet pressure 4.8 bar *Double open end with flat gaskets *Device material propylene *Seal material polyethylene (PE)
2	Polygard CR cartridge filter	*10inch 1micrometer (µm) * Diameter: 7.0 cm (2.75 inch) *Maximum differential/Inlet pressure 4.8 bar (70 psid) *Double open end with flat gaskets *Device material propylene *Seal material polyethylene (PE)

3	Progard T3.	<ul style="list-style-type: none"> * Height: 39.5cm(15.5inch) * Components: Polyphosphate, Activated Carbon, Depth Filtration * Designed to pre-treat water by removing large particles, organic compounds, free chlorine from tap water. Protects RO membrane against scaling, organic fouling and chlorine oxidation
4	Progard TS2 Pretreatment Pack	<ul style="list-style-type: none"> * Height 39.5cm *15.5inches) *Polyphosphate for anit-scaling protection *Silver-impregnated activated carbon for chlorine removal and bacteriostatic protection *Depth filtration for partical removal *E sure tag RFID technology for safety and automatic pack perimeter archiving.
5	Progard 2	<ul style="list-style-type: none"> * Height: 39.5 cm(15.5 inches) * Components: Polyphosphate, Activated Carbon, Depth Filtration * Designed to pre-treat water by removing large particles, organic compounds, free chlorine from tap water. Protects RO membrane against scaling, organic fouling and chlorine oxidation
6	Synergy Pak 1:	<ul style="list-style-type: none"> * Synthetic Activated Carbon * Virgin Ion Exchange
7	Progard TL1 Pretreatment Pack:	<ul style="list-style-type: none"> * Polyphosphate for antiscaling protection * Silver-impregnated activated carbon for free chlorine and reduction and bacteriostatic protection * Depth-filtration for particle removal
8	Q Pak TEX:	<ul style="list-style-type: none"> *ultrapure grade mixed-bed ion-exchange resin *For Milli-Q Direct systems
9	Q-Gard TL1: Polishing Cartridge:	<ul style="list-style-type: none"> * Virgin ion-exchange resins for deionization
10	60 GPD RO CARTRIDGE	Designed for MilliQ Water System
11	75 GPD RO CARTRIDGE (2/pack)	Designed for MilliQ Water System
12	RO CART+HSG 50LPH RIOS/ELIX-L	Designed for MilliQ Water System
13	Activated carbon/charcoal cartridge	for reduction in Chlorine in prefilter

14	Tank level sensor	(for 60Litre tank)
15	Tank level sensor	(for 100L tank)
	Group 40	
	DESCRIPTION	SPECIFICATIONS
1	High Density Polyethylene (HDPE) sterile Jar white	<ul style="list-style-type: none"> • HDPE white plastic • Screw cap included • Proof of sterility to be included
2	Container 180 ml with Screw Cap and affixed Label this item must be evaluated by supplying a sample	<ul style="list-style-type: none"> • Sterile container with red screw cap individually sealed in single bag • Lot number and expiry date printed on red cap • Lot number and expiry date printed on cap • Sterility status indicated on box
	Group 41	
	DESCRIPTION	SPECIFICATIONS
1	Aluminum Test Tube Cap 15-16 mm size	<ul style="list-style-type: none"> • High grade aluminium • Built-in spring of chromium steel • Washable with neutral cleansing material, max 140°C • Autoclavable • Re-usable
	Group 42	
	DESCRIPTION	SPECIFICATIONS
1	Atomiser Trigger Spray Bottle	<ul style="list-style-type: none"> • Polypropylene, white • 400 ml
	Group 43: Flow Injection Analyser Lachat 8500 Quickem Consumables	
	DESCRIPTION:	SPECIFICATIONS
1	Flow cell assembly for FIA QC800	For use with Lachat FIA Quickem 8500
2	630 nm Filter assembly, 1/2"	For use with Lachat FIA Quickem 8500

TENDER NO: 165G/2025/26

3	880 nm Filter assembly, 1/2"	For use with Lachat FIA Quickem 8500
4	660 nm Filter assembly, 1/2"	For use with Lachat FIA Quickem 8500
5	tubing spool 15.24m, 0.7mm id	For use with Lachat FIA Quickem 8500
6	tubing spool 15.24m, 0.5mm id	For use with Lachat FIA Quickem 8500
7	Tee Assembly fitting (2/pack)	For use with Lachat FIA Quickem 8500
8	Viton O-rings (25/pack)	For use with Lachat FIA Quickem 8500
9	Cell/Waste flares - 13cm (2/pack)	For use with Lachat FIA Quickem 8500
10	Flare, Carrier tubing - 35 cm (2/pack)	For use with Lachat FIA Quickem 8500
11	Tygon tubing - 1/32 x 3/32 x 1/32	For use with Lachat FIA Quickem 8500
12	Tygon tubing - 1/16 x 1/8 x 1/32	For use with Lachat FIA Quickem 8500
13	Nipple - small and smooth (6/pack)	For use with Lachat FIA Quickem 8500
14	Black-Black Tygon or equivalent pump tubing (pack of 12)	For use with Lachat FIA Quickem 8500
15	Oranje-white Tygon or equivalent pump tubing (pack of 12)	For use with Lachat FIA Quickem 8500
16	Purple-Black Tygon or equivalent pump tubing (pack of 12)	For use with Lachat FIA Quickem 8500
17	Green-green Tygon or equivalent pump tubing (pack of 12)	For use with Lachat FIA Quickem 8500
18	White-white Tygon or equivalent pump tubing (pack of 12)	For use with Lachat FIA Quickem 8500
19	Oranje-yellow Tygon or equivalent pump tubing (pack of 12)	For use with Lachat FIA Quickem 8500
20	Oranje-white Duraprene or equivalent pump tubing (pack of 6)	For use with Lachat FIA Quickem 8500
21	Yellow-yellow Duraprene or equivalent pump tubing (pack of 6)	For use with Lachat FIA Quickem 8500
22	3.5 cm x 8.5 cm diffusion membrane	For use with Lachat FIA Quickem 8500
23	Stainless Steel nipple	For use with Lachat FIA Quickem 8500
24	Diffusion cell flare (tube)	For use with Lachat FIA Quickem 8500
25	Z-axis drive green PEEK tubing	For use with Lachat FIA Quickem 8500
26	6 stage valve	For use with Lachat FIA Quickem 8500
	Group 44: GC CONSUMABLES	
	DESCRIPTION:	SPECIFICATIONS
1	HP-5MS-ultra inert or equivalent capillary columns	(30m x 0.25 mm x 0.25µm) for split/splitless inlet and MSD detector
2	DB-FFAP or equivalent capillary column	(60m x 0.32mm x 0.5 µm)
3	DB-Wax or equivalent capillary column	(60m x 0.32mm x 0.5 µm)

4	EUPAH or equivalent capillary column	(30m x 0.25mm x 0.25µm)
5	DB-624 or equivalent capillary column	(30 x 0.25mm x 1.8µm)
6	DB-35MSUI or equivalent capillary column	(30 x 0.25mm x 0.25 µm)
7	DB-XLB or equivalent capillary column	(30 x 0.25mm x 0.25 µm)
	Group 45: Shimadzu FTIR consumables	
	DESCRIPTION:	SPECIFICATIONS
1	Potassium Bromide (KBr) window disc	for a Shimadzu FTIR Tracer-100
2	Supply of dessicant, Silica gel or equivalent,	compatible with a Shimadzu FTIR Tracer-100 (supplied in sachet form)
	Group 46	
	DESCRIPTION	SPECIFICATIONS
1	Columbia Blood Agar Plates	10 plates per pack
2	Tryptose-sulfite-cycloserine (TSC) agar	Dehydrated medium – pale cream to yellow powder
	Group 47	
	DESCRIPTION	SPECIFICATIONS
1	A-naphthyl phosphate Disodium salt	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis
2	D-cycloserine (TSC supplement)	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis
3	Fast Blue B Salt (o-Dianisidine, tetrazotized ZnCl ₂)	Analytical Grade (AR). The grade must be confirmed on the Certificate of Analysis
	Group 48	
	DESCRIPTION	SPECIFICATIONS
1	Dry Rehydrated Film for Aerobic Count	<ul style="list-style-type: none"> • Application in environmental, raw, ready-to-cook/eat food and dairy • Aerobic microorganisms • Storage ≤ 8°C • Plates sample ready • Results within 48 hrs • Compliance with Regulation 1555 Annex A-10 of the Foodstuffs, Cosmetics & Disinfectant Act 54 of 1972 • Certified by OMA, NF, AFNOR, AOAC * Petrifilm; Easyplate or equivalent

2	Dry Rehydrated Film for E.coli-Coliform Count	<ul style="list-style-type: none"> • Application in environmental, raw, ready-to-cook/eat food and dairy • Aerobic microorganisms • Storage ≤ 8°C • Plates sample ready • Results within 24-48 hrs • Compliance with Regulation 1555 Annex A-11 of the Foodstuffs, Cosmetics & Disinfectant Act 54 of 1972 • Certified by OMA, NF, AFNOR, AOAC * Petrifilm; Easyplate or equivalent
3	Dry Rehydrated Film for coagulase- positive Staphylococcus aureus Count	<ul style="list-style-type: none"> •Expiry and lot number indicated on each package. •Application in environmental, raw, ready-to-cook/eat food and dairy •Aerobic microorganisms · Storage ≤ 8°C · •Plates sample ready •Results within 22-24 hrs •Certified by AFNOR, AOAC, NORDVAL, •Certificate of Analysis available online * Petrifilm; Easyplate or equivalent
4	Dry Rehydrated Film for coagulase- positive Staphylococcus aureus confirmation tests	<ul style="list-style-type: none"> •Contains Toluidine Blue-O dye and a DNA indicator •Expiry and lot number indicated on each package. •Lot number indicated on each packaged disc •Application in environmental, raw, ready-to-cook/eat food and dairy •Aerobic microorganisms · Storage ≤ 8°C · •Plates sample ready •Results within 22-24 hrs •Compliance with Regulation 1555 Annex A-11 of the Foodstuffs, Cosmetics & Disinfectant Act 54 of 1972 •Certified by AFNOR, AOAC, NORDVAL •Certificate of Analysis available online
Group 49		
DESCRIPTION		SPECIFICATIONS
1	Peptone Water Buffered	<ul style="list-style-type: none"> • Composition g/l - Peptone 10.0 - Sodium chloride 5.0 - Di-Sodium Hydrogen Phosphate 3.5 - Potassium Dihydrogen Phosphate 1.5 • Packaging: sealed in sealed plastic bottle • Product shall exhibit a batch number • Product shall exhibit expiry date of minimum 29 months • Compositional compliance to ISO 6887-1

Group 50		
	DESCRIPTION	SPECIFICATIONS
1	Baird-Parker Agar Base	<ul style="list-style-type: none"> • Composition g/l - Tryptone 10.0 - Meat extract 5.0 - Glycine 12.0 - Yeast extract 1.0 - Lithium chloride 5.0 - Sodium pyruvate 10.0 - Agar 20.0 <ul style="list-style-type: none"> • Packaging: sealed plastic bottle • Product shall exhibit a batch number • Product shall exhibit expiry date of minimum 30 months • Compositional compliance with Regulation 692 Annex A of the Foodstuffs, Cosmetics & Disinfectant Act 54 of 1972 (SABS 760/ISO 6888)
2	Tellurite Egg Yolk Emulsion sterile 20%	<ul style="list-style-type: none"> • Composition per 1.0 L: • Sterile egg yolk 200 ml • NaCl 4.25 g • Potassium tellurite 2.1 g • Distilled water to final volume of 1000 ml • Density 1.02 g/cm³ at 20°C • Appearance: pale yellow emulsion <ul style="list-style-type: none"> • Transport and stored at 2-8°C • Product stability minimum of 1 year post production • Compositional compliance with Regulation 692 Annex A of the Foodstuffs, Cosmetics & Disinfectant Act 54 of 1972 (SABS 760/ISO 6888)
3	Violet Red Bile MUG Agar	<ul style="list-style-type: none"> • Composition g/l - Brain heart infusion 7.0 - Peptone 4.0 - Lactose 9.0 - Bile salts no 3 1.5 - Neutral red 0.03 - Crystal violet 0.002 - MUG 0.1 - Sodium chloride 4.5 - Di-Sodium Hydrogen Phosphate 1.0 - Agar 13.0 <ul style="list-style-type: none"> • Compliance with Regulation 1555 Annex A 5.3 of the Foodstuffs, Cosmetics & Disinfectant Act 54 of 1972

4	Plate Count Agar	<ul style="list-style-type: none"> • Composition g/L - Tryptone 5.0 - Yeast extract 2.5 - Dextrose 1.0 - Agar 14.5 <ul style="list-style-type: none"> • Compliance with Regulation 1555 Annex A 5.3 of the Foodstuffs, Cosmetics & Disinfectant Act 54 of 1972
Group 51		
	DESCRIPTION	SPECIFICATIONS
1	Staphaurex ID Kit	<ul style="list-style-type: none"> • Rapid latex test for the identification of <i>Staphylococcus aureus</i> • Test reagent contains buffered suspension of polystyrene latex particles coated with human fibrinogen and IgG • Preserved with 0.025% Bronidox • Sensitivity 99.8% and specificity 99.5%
2	p-Nitrophenyl Phosphate Disodium Salt	<ul style="list-style-type: none"> • Off-white powder form • Minimum 8 year stability • Packaged in amber vials • Transportation and storage at 2-8°C
3	Tintres Resazurin Tablets	<ul style="list-style-type: none"> • Composition: - 7-Hydroxy-3H-phenoxazin-3-one 10-oxide (sodium salt in tablet format) • Stable at ambient temperature • Used as oxidation-reduction indicator in cell viability for bacteria in raw milk testing
Group 52		
	DESCRIPTION	SPECIFICATIONS
1	Whirlpak 710 ml Sample Bags	<ul style="list-style-type: none"> • Manufactured from blended virgin, low-density polyethylene with ISO 9001 conformance • Must contain tamper-proof perforated edge • Must contain puncture-proof tabs • Leak-proof for liquids • Write-on surface for labelling • Pre-sterilised by ethylene-oxide process, indicated on packaging. • Sterilisation traceable per lot number on manufacturer's website

2	Lab-400 Classic Stomacher Bags	<ul style="list-style-type: none"> • 180mm x 300mm x 65µm thickness • Manufactured from high quality food grade virgin LDPE granules • Pre-sterilised by gamma-irradiation, certified by indicator on box or certification available on request • Batch code and manufacturing date printed on box
Group 53		
DESCRIPTION		SPECIFICATIONS
1	Collection and Transport Swab System	<ul style="list-style-type: none"> • 8.5 cm Traditional Polyester Swab with skirted tube containing 10 ml Solution with plastic green capture cap • Sterile • Lot number and expiry date on box
Group 54		
DESCRIPTION		SPECIFICATIONS
1	Micropipette Filter Tip 100 µl	<ul style="list-style-type: none"> • To fit Discovery, Socorex, Clinipet pipettes • Made from Gamma-stable & medical grade virgin polymer, clear • Certified RNA / DNA / Endotoxin free • Free of heavy metals • Universal adaptability • Sterile
2	Micropipette Filter Tip 1000 µl	<ul style="list-style-type: none"> • To fit Discovery, Socorex, Clinipet pipettes • Made from Gamma-stable & medical grade virgin polymer, clear • Certified RNA / DNA / Endotoxin free • Free of heavy metals • Universal adaptability • Sterile
Group 55		
DESCRIPTION		SPECIFICATIONS
1	Spreader PP	<ul style="list-style-type: none"> • Polypropylene • Autoclavable • RNase / DNase free • ISO 9001 conformance
Group 56		
DESCRIPTION		SPECIFICATIONS

1	Rectified Ethanol 96%	<ul style="list-style-type: none"> • High purity • Colourless • Do not supply in glass bottle
2	Liquid Alkaline Phosphate-free Concentrate	<ul style="list-style-type: none"> • Bio-degradable
	Group 57	
	DESCRIPTION	SPECIFICATIONS
1	Sterikon Plus Bio-indicator	<ul style="list-style-type: none"> • 2.0 ml ampoules, opalescent, reddish-violet in colour • Microorganism present: <i>Geobacillus stearothermophilus</i>, ATCC 7953: no growth at 37°C, growth at 60°C • Viable spores per ampoule: 5.0 x 10⁵ to 1.0 x 10⁷ • Performance tests: survival time 6 minutes at 121°C and killing time 15 minutes at 121°C • Transported and stored at 2-8°C
	Group 58	
	DESCRIPTION	SPECIFICATIONS
1	LLG-Autoclavable Bags with Biohazard print (this item must be evaluated by supplying a sample)	<ul style="list-style-type: none"> • 415 x 600 mm x 45µm thickness • 14 L capacity • Transparent, Polypropylene • Autoclavable at 121°C
	Group 59	
	DESCRIPTION	SPECIFICATIONS
1	Container 60 ml with Screw Cap and affixed Label	<ul style="list-style-type: none"> • 388 x 400 x 600 mm • Sterile container with red screw cap individually sealed in single bag • Lot number and expiry date printed on red cap • Label affixed on container • Sterility status indicated on box
	Group 60: MICRO LAB CONSUMABLES	
	DESCRIPTION	SPECIFICATIONS
1	Non sterile polystyrene Cuvette	Diameter (outer (35mm), unlabelled, length (100mm), round bottomed, volume (8.8mL size)
2	Airline disposable plastic cups	250ml
3	Disposal plastic polystyrene drinking cups	(65mL)
	Group 61: FOR DNA EXTRACTION	
	DESCRIPTION	SPECIFICATIONS

1	DNA Extraction kits for bacteria, viruses and parasites	*must be robust for all challenging samples such as wastewater, rivers, groundwater and coastal waters
2	DNA Extraction kits for bacteria	* must be robust for challenging samples such as wastewater, rivers, groundwater and coastal waters
3	DNA Extraction kits for viruses	*must be robust for challenging samples such as wastewater, rivers, groundwater and coastal waters
4	Viral Extraction kits	FOR detection of DNA and RNA viruses)
5	Microbial DNA qPCR Array	for detection of 45 bacterial species)
6	Viability PMA kit	with reagents, buffers and DNA/RNase-free water
7	DNA purification kits	for sequencing preparation (confirmation of qPCR products)

GROUP 62: Bacterial Reference Cultures

Item No	DESCRIPTION	SPECIFICATIONS
4	Kwick Stik (2 pack): Klebsiella aerogenes (formerly Enterobacter aerogenes)	*Klebsiella aerogenes reference strain ATCC 13048 must be supplied in 2-pack form (2 self-contained units of reference strain) for microbiology testing. The reference strain must be suitable for Quality control. The reference strains must make reference to Environmental Protection Agency (EPA), FDA Bacteriological Analytical Manual (BAM), ISO 11133 and U.S. Department of Agriculture (USDA)
2	Kwick Stik (2 pack): Salmonella typhimurium	*Salmonella typhimurium reference strain QC stick ATCC 14028 must be supplied in 2-pack form (2 self-contained units of reference strain) for microbiology testing The reference strain must make reference to ISO 11133
3	Listeria monocytogenes	*derived from Silliker® or equivalent *SLR2249QC *Pellet delivering final concentration between 10-5 and 10-6 CFU *Conformance to ISO11930 *Reference material accredited under ISO17034
4	Enterococcus faecium derived from ATCC8459	*Pellet delivering final concentration between 10-5 and 10-6 CFU *Conformance to ISO11930 *Reference material accredited under ISO17034
5	Campylobacter jejuni subsp jejuni derived from ATCC33560	*Pellet delivering final concentration between 10-5 and 10-6 CFU *Conformance to ISO11930 *Reference material accredited under ISO17034
6	E.coli 0157:H7 derived from ATCC43888	*Pellet delivering final concentration between 10-5 and 10-6 CFU *Conformance to ISO11930 *Reference material accredited under ISO17034
7	Salmonella enterica subsp enterica Serovar typhimurium derived from ATCC14028	*Pellet delivering final concentration between 10-5 and 10-6 CFU *Conformance to ISO11930 *Reference material accredited under ISO17034

GROUP 63: CONSUMABLES FOR HYDROBIOLOGY

Item No	DESCRIPTION	SPECIFICATIONS
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1	Centrifuge tubes 15ML	15x120mm with conical base sterilised; 13ml or 15 ml Centrifuge tubes with caps. PP. translucent, withstands RCF up to 3000, Graduated, available non-sterile Screw cap PE with sealing cone, High clarity, CE-marked according to IVD Directive 98/79 EC.
2	Centrifuge tubes 500ml	Corning- Tube, Cent, 500ml, PLGSeal, PP,S,6SLV/36 500 ml centrifuge tubes to fit a Hermle Z513 centrifuge with the following requirements: Packaging:6 tubes in a pack. Total quantity in a box:6 packs in the box=36 tubes. Tube style: For use in a centrifuge and must have a conical base. Top style:Threaded. Maximum RCF: 6000xg. Graduations-must be in 50 ml increments. Color of tube:Natural. Cap style: Plugseal. Cap material: High density polyethylene. Cap colour: Orange. Sterility: Must be sterile,non-pyrogenic and must be RNase and DNase free. Goods must be delivered in a box with batch/lot number clearly indicated on the box. Sterilization certification should be present upon delivery.
GROUP 64: GENERAL CHEMICALS FOR MICROBIOLOGICAL ANALYSIS		
Item No	DESCRIPTION	SPECIFICATIONS
1	Magnesium chloride hexahydrate	ISO certified; SDS and COA to be included
2	Potassium dihydrogen orthophosphate	ISO certified; SDS and COA to be included
3	Di-sodium hydrogen orthophosphate	ISO certified; SDS and COA to be included
4	Sodium Thiosulphate	ISO certified; SDS and COA to be included
5	Sodium Chloride	ISO certified; SDS and COA to be included
6	Electrolyte Solution KCl 3M	ISO certified; SDS and COA to be included
7	Sodium Hydroxide solution (1N)	ISO certified; SDS and COA to be included
GROUP 65: GENERAL CONSUMABLES FOR THE MICROBIOLOGICAL ANALYSIS: PETRI DISHES		
Item No	DESCRIPTION	SPECIFICATIONS
1	Standard Petri Dishes with lids and no internal partitioning (Disposable) - 90mm x 15mm	Pre Sterilised by appropriate sterilization method, sterility indicator on box, original sterilization certificate

2	Petri Dishes with lids and no internal partitioning (Disposable) - 65mm s 15mm	* Pre Sterilised by appropriate sterilization method, indicated by sterility indicator on box, original sterilization certificate
GROUP 66: GENERAL CONSUMABLES FOR HYDROBIOLOGY: BOTTLES		
Item No	DESCRIPTION	SPECIFICATIONS
1	5000ml Plastic anti-glug cans with cap Sample to be submitted for evaluation	PET or PP; Anti-glug; Opaque/non see through plastic (black or white); with handle
2	2000ml Plastic bottle with cap * Sample to be submitted for evaluation	PET or PP; Anti-glug; Opaque/non see through plastic (black or white); with handle
3	1000ml Plastic bottle with cap Sample to be submitted for evaluation	PET or PP Plastic with handle. Sturdy plastic
GROUP 67: GENERAL CONSUMABLES FOR THE MICROBIOLOGICAL ANALYSIS: DISPOSABLE SAMPLE BOTTLES		
Item No	DESCRIPTION	SPECIFICATIONS
1	250-300ml Sterile Sample bottles Sample to be submitted for evaluation	Material must be virgin polyethylene PET which is recyclable, *Color must be clear, *Each bottle must contain a 10% solution of the chlorine neutralizer sodium thiosulphate at a volume of 0.5 ml, *Bottles must be sterilised by an appropriate method. *The shelf life and batch number must be indicated on each bottle, *The cap must not leak and be tamper evident(when the bottle is opened the lid ring must remain on the bottle),the cap must not be brittle, *each bottle must maintain its structure and not be damaged during transit, *, *each batch of bottles must be supplied with a certificate of sterilization and a certificate of analysis for the sodium thiosulphate
2	250ml Autoclavable bottles for liquid samples for laboratory use Sample to be submitted for evaluation	* PP bottles with lid must be able to withstand temperature of up to 130°C
GROUP 68: GENERAL CONSUMABLES FOR BIOCHEMICAL IDENTIFICATION.		
Item No	DESCRIPTION	SPECIFICATIONS
1	API 20 E strips	API 20 E strips is a standardized identification system for the identification of Enterobacteriaceae and other non-fastidious,gram negative rods, containing 21 miniaturized biochemical tests and uses a database for identification. COA and SDS to be included
2	AP1 20 E reagent kit NIT 1 reagent containing 0.4g of Salfanilic acid,30g acetic acid and 70ml water;	NIT 1 reagent containing 0.4g of Salfanilic acid,30g acetic acid and 70ml water;

	NIT 2 reagent containing 0.6 g of N,N-dimethyl-1-naphthylamine, 30g of acetic acid and 70ml ; TDA reagent containing 3.4g of Ferric Chloride and 100 ml of water; VP1 reagent containing 40g of Potassium hydroxide and 100 ml of water; VP2 reagent containing 6g of alpha naphthol and 100ml of Ethanol; SDS and COA to be included	NIT 2 reagent containing 0.6 g of N,N-dimethyl-1-naphthylamine, 30g of acetic acid and 70ml ; TDA reagent containing 3.4g of Ferric Chloride and 100 ml of water; VP1 reagent containing 40g of Potassium hydroxide and 100 ml of water; VP2 reagent containing 6g of alpha naphthol and 100ml of Ethanol; SDS and COA to be included
3	API suspension medium 5 ml per ampoule	SDS and COA to be included
4	Zinc Powder	ISO certified; SDS and COA to be included
5	Oxidase reagent -100 ampoules 0.75 ml per ampoule	Oxidase reagent for the detection of the enzyme cytochrome oxidase by bacteria, SDS and COA to be included
6	API mineral oil	Mineral oil used specifically for API kits. SDS and COA to be included
GROUP 69: GENERAL CONSUMABLES FOR THE MICROBIOLOGICAL ANALYSIS: PIPETTE TIPS		
Item No	DESCRIPTION	SPECIFICATIONS
1	Pipette Tips (10 ml)	Pre-packaged Re-autoclavable tips designed to fit 10ml Eppendorf and Gilson pipettes
2	Clear Tips 1-10 µl	Pre-packaged pre-sterilised tips used for pipetting . Able to fit on Eppendorf and Gilson 10µl pipette.
3	Yellow Tips 1-200 µl	Pre-packaged pre-sterilised tips used for pipetting. Able to fit on Eppendorf and Gilson 200µl pipette.
4	Nozzle protection filters	Nozzle protection filters designed to fit 10 Eppendorf pipettes
5	Nozzle protection filters	Nozzle protection filters designed to fit 10ml Gilson pipettes
6	Eppendorf Combitips	5.0 mL 100PCS X 5 units
7	Sterile pipettes 3ml	3ml plastic pipettes. Must be sterile. Certificate included
GROUP 70: GENERAL CONSUMABLES FOR THE MICROBIOLOGICAL ANALYSIS: PIPETTE TIPS FOR SOCOREX		
Item No	DESCRIPTION	SPECIFICATIONS
1	Pipette tips (10ml)	Pre-packaged Re-autoclavable tips designed to fit 10ml Socorex pipettes
GROUP 71: LABORATORY GLASS BOTTLES FOR MICROBIOLOGICAL ANALYSIS		
Item No	DESCRIPTION	SPECIFICATIONS

1	Laboratory Bottle 5000 ml	Borosilicate glass • Uniform wall thickness distribution • Maximum chemical resistance • Minimum thermal expansion • Autoclavable to 140°C • Complete with PP screw cap and pouring ring
2	Laboratory Bottle 2000 ml	Borosilicate glass • Uniform wall thickness distribution • Maximum chemical resistance • Minimum thermal expansion • Autoclavable to 140°C • Complete with PP screw cap and pouring ring
3	Laboratory Bottle 1000 ml	Borosilicate glass • Uniform wall thickness distribution • Maximum chemical resistance • Minimum thermal expansion • Autoclavable to 140°C • Complete with PP screw cap and pouring ring
4	Laboratory Bottle 500ml	• Borosilicate glass • Uniform wall thickness distribution • Maximum chemical resistance • Minimum thermal expansion • Autoclavable to 140°C • Complete with PP screw cap and pouring ring
5	Laboratory Bottle 250ml	• Borosilicate glass • Uniform wall thickness distribution • Maximum chemical resistance • Minimum thermal expansion • Autoclavable to 140°C • Complete with PP screw cap and pouring ring
6	Laboratory Bottle 100ml	• Borosilicate glass • Uniform wall thickness distribution • Maximum chemical resistance • Minimum thermal expansion • Autoclavable to 140°C • Complete with PP screw cap and pouring ring
7	Pouring Ring	For Schott Duran Bottle or equivalent with DIN thread • Polypropylene material (blue) • 4 mm height • Autoclavable

Group 72: Certified Reference Material (CRM)

	DESCRIPTION	SPECIFICATIONS
1a	Ammonium Standard Solution (1.00 mg/L NH ₄ -N) in water	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
1b	Ammonium Standard Solution (1.00 mg/L NH ₄ -N) in water	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
2a	Ammonium Standard Solution (10.00 mg/L NH ₄ -N) in water	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
2b	Ammonium Standard Solution (10.00 mg/L NH ₄ -N) in water	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
3a	Ammonium Standard Solution (100.0 mg/L NH ₄ -N) in water	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
3b	Ammonium Standard Solution (100.0 mg/L NH ₄ -N) in water	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
Group 73: Certified Reference Material (CRM)		

	DESCRIPTION	SPECIFICATIONS
1	Chloride Standard Solution (100 mg/L) in water	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
2	Chloride standard Solution (1000mg/l	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
Group 74 : Certified Reference Material (CRM)		
	DESCRIPTION	SPECIFICATIONS
1	COD Standard Solution (300 mg/L) in water	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
2	COD Standard Solution (1000 mg/L) in water	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
Group 75: Certified Reference Material (CRM)		
	DESCRIPTION	SPECIFICATIONS
1	Fluoride Standard Solution (0.200 mg/L) in water	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
2	Fluoride Standard Solution (0.50 mg/L) in water	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
3	Fluoride Standard Solution (1.50 mg/L) in water	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
Group 76: Certified Reference Material (CRM)		
	DESCRIPTION	SPECIFICATIONS
1	Nitrate Standard Solution (1.0 mg/L NO ₃ -N) in water	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
2	Nitrate Standard Solution (10.0 mg/L NO ₃ -N) in water	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
3	Nitrite Standard Solution (15.00 mg/L NO ₂ -N) in water	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
4	Nitrite Standard Solution (0.250 mg/L NO ₂ -N) in water	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
Group 77: Certified Reference Material (CRM)		
	DESCRIPTION	SPECIFICATIONS
1	Total Organic Carbon (5.0mg/L) in water	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery

2	Total Organic Carbon (10.0mg/L) in water	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
3	Total Organic Carbon (25.0mg/L) in water	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
4	Total Organic Carbon (50.0mg/L) in water	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
5	Total Organic Carbon (200 mg/L) in water	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
6	Total Organic Carbon (500 mg/L) in water	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
7	Total Inorganic Carbon (1000 mg/L) in water	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
Group 78: Certified Reference Material (CRM)		
	DESCRIPTION	SPECIFICATIONS
1	Silica Standard Solution (0.5 mg/L)	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
2	Silica Standard Solution (1.0 mg/L)	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
3	Silica Standard Solution (10 mg/L)	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
4	Silica Standard Solution (25 mg/L)	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
5	Silica Standard Solution (50 mg/L)	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
6	Silica Standard Solution (1000mg/L)	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
Group 79: Certified Reference Material (CRM)		
	DESCRIPTION	SPECIFICATIONS
1	Alkalinity Standard Solution (5 mg/L)	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
2	Alkalinity Standard Solution (30 mg/L)	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
3	Alkalinity Standard Solution (200 mg/L)	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
4	Alkalinity Standard Solution (500 mg/L)	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
Group 80: Certified Reference Material (CRM)		

	DESCRIPTION	SPECIFICATIONS
1	Sulphate Standard Solution (10 mg/L)	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
2	Sulphate Standard Solution (100 mg/L)	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
3	Sulphate Standard Solution (500 mg/L)	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
Group 81: Certified Reference Material (CRM)		
	DESCRIPTION	SPECIFICATIONS
1	Chlorine Standard 1MG/L	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
2	Chlorine Standard 0.1mg/l	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
3	Colour 10mg/L	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
4	Phenol 1000mg/L	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
5	Phenol 0.1mg/	Must be traceable to the National Institute of Standards and Technology (NIST) or as specified and a certificate must be provided to confirm traceability with delivery
Group 82: Biological Oxygen Demand Reagents and Standards		
	DESCRIPTION	SPECIFICATIONS
1	Magnesium Sulphate (MgSO ₄)	ISO certified; COA included
2	Calcium Chloride (CaCl ₂)	ISO certified; COA included
3	Ferric Chloride (FeCl ₃)	ISO certified; COA included
4	Polyseed BOD innoculum	ISO certified; COA included
Group 83: Nanocolor Photometer		
	DESCRIPTION	SPECIFICATIONS
1	Hydrogen Sulphide (H ₂ S) Test Kits	* For MN PF12 Nanocolor Photometer * 20 tests per box *Analytical range: 0.05-3.00 mg/L S ₂
Group 84: Photocheck		
	DESCRIPTION	SPECIFICATIONS
1	Photocheck solution set for photometers	*The Photocheck set must be compatible with Spectroquant Prove 300 spectrophotometers *The set should contain check solutions and zero cells *Check Solutions for photometers at wavelengths: 445/446nm; 520/525nm and 690nm. * Secondary Standards compliant with ISO 9001 and ISO 17025 guidelines.

		<p>* A certificate of Analysis must be available and show traceability to NIST Standards.</p> <p>*Expire date upon delivery at least one year from delivery date.</p>
GROUP 85: Multiresidue Standard Mixes		
Item No	DESCRIPTION	SPECIFICATIONS
1	<p>Organochlorine Pesticide Mix AB #1</p> <p>Specification: 200 µg/mL in Hexane:Toluene (1:1), 1 mL/ampul containin the following</p> <p>Aldrin (309-00-2) α-BHC (319-84-6) β-BHC (319-85-7) γ-BHC (Lindane) (58-89-9) δ-BHC (319-86-8) cis-Chlordane (5103-71-9) trans-Chlordane (5103-74-2) 4,4'-DDD (72-54-8) 4,4'-DDE (72-55-9) 4,4'-DDT (50-29-3) Dieldrin (60-57-1) Endosulfan I (959-98-8) Endosulfan II (33213-65-9) Endosulfan sulfate (1031-07-8) Endrin (72-20-8) Endrin aldehyde (7421-93-4) Endrin ketone (53494-70-5) Heptachlor (76-44-8) Heptachlor epoxide (isomer B) (1024-57-3) Methoxychlor (72-43-5)</p>	ISO certified; COA included
2	<p>Pesticide Performance Evaluation Check Mix</p> <p>Specifications: (3/90 SOW), Hexane, 1mL/ampul containing the following</p> <p>α-BHC (319-84-6), 1 µg/mL β-BHC (319-85-7), 1 µg/mL γ-BHC (Lindane) (58-89-9), 1 µg/mL 4,4'-DDT (50-29-3), 10 µg/mL Endrin (72-20-8), 5 µg/mL Methoxychlor (72-43-5), 25 µg/mL</p>	ISO certified; COA included
3	<p>GC Multiresidue Pesticide Standard Specifications: #2 Organochlorine Compounds, 100 µg/mL, Toluene, 1 mL/ampul containing the following</p> <p>Aldrin (309-00-2) α-BHC (319-84-6) β-BHC (319-85-7) γ-BHC (Lindane) (58-89-9) δ-BHC (319-86-8) Chlorbenside (103-17-3) cis-Chlordane (5103-71-9) trans-Chlordane (5103-74-2) Chlorfenson (Ovex) (80-33-1)</p>	ISO certified; COA included

	<p>Chloroneb (2675-77-6) 2,4'-DDD (53-19-0) 4,4'-DDD (72-54-8) 2,4'-DDE (3424-82-6) 4,4'-DDE (72-55-9) 2,4'-DDT (789-02-6) 4,4'-DDT (50-29-3) 4,4'-Dichlorobenzophenone (90-98-2) Dieldrin (60-57-1) Endosulfan I (959-98-8) Endosulfan II (33213-65-9) Endosulfan ether (3369-52-6) Endosulfan sulfate (1031-07-8) Endrin (72-20-8) Endrin aldehyde (7421-93-4) Endrin ketone (53494-70-5) Ethylan (Perthane) (72-56-0) Fenson (80-38-6) Heptachlor (76-44-8) Heptachlor epoxide (isomer B) (1024-57-3) Hexachlorobenzene (118-74-1) Isodrin (465-73-6) 2,4'-Methoxychlor (30667-99-3) 4,4'-Methoxychlor olefin (2132-70-9) Mirex (2385-85-5) cis-Nonachlor (5103-73-1) trans-Nonachlor (39765-80-5) Pentachloroanisole (1825-21-4) Pentachlorobenzene (608-93-5) Pentachlorothioanisole (1825-19-0) Tetradifon (116-29-0)</p>	
4	<p>EPA Method 8061A Phthalate Esters Mixture Specification: 1000 µg/mL in Hexane:Acetone (80:20), 1 mL/ampul containing the following Benzyl butyl phthalate (85-68-7) Bis(2-n-butoxyethyl)phthalate (117-83-9) Bis(2-ethoxyethyl)phthalate (605-54-9) Bis(2-ethylhexyl)phthalate (117-81-7) Bis(2-methoxyethyl)phthalate (117-82-8) Bis(4-methyl-2-pentyl)phthalate (84-63-9) Di-n-butylphthalate (84-74-2) Diethylphthalate (84-66-2) Di-n-hexyl phthalate (84-75-3) Dimethylphthalate (131-11-3) Di-nonyl phthalate (84-76-4) Di-n-octyl phthalate (117-84-0) Dipentylphthalate (131-18-0) Phthalic acid dicyclohexyl ester (84-61-7) Phthalic acid diisobutyl ester (84-69-5)</p>	ISO certified; COA included
5	<p>8061A Surrogate Standard 500 µg/mL, Acetone, 1 mL/ampul containing the following Dibenzyl phthalate (523-31-9) Diphenyl isophthalate (744-45-6) Diphenyl phthalate (84-62-8)</p>	ISO certified; COA included
6	<p>Methylene Chloride, 1 mL/ampul containing the following</p>	ISO certified; COA included

	<p>Acenaphthene (83-32-9), 1000 µg/mL Acenaphthylene (208-96-8), 1000 µg/mL Anthracene (120-12-7), 1000 µg/mL Benz[a]anthracene (56-55-3), 500 µg/mL Benzo[a]pyrene (50-32-8), 500 µg/mL Benzo[b]fluoranthene (205-99-2), 500 µg/mL Benzo[k]fluoranthene (207-08-9), 500 µg/mL Benzo[g,h,i]perylene (191-24-2), 500 µg/mL Chrysene (218-01-9), 500 µg/mL Dibenz[a,h]anthracene (53-70-3), 500 µg/mL Fluoranthene (206-44-0), 500 µg/mL Fluorene (86-73-7), 1000 µg/mL Indeno[1,2,3-cd]pyrene (193-39-5), 500 µg/mL EPA 610 PAH Calibration Mix A: Naphthalene (91-20-3), 1000 µg/mL Phenanthrene (85-01-8), 500 µg/mL Pyrene (129-00-0), 500 µg/mL</p>	
7	<p>Pharmaceuticals Mix #2 200 µg/mL ea. in P&T Methanol, 1 mL/ampule containing the following Gemfibrozil (25812-30-0) Ibuprofen (15687-27-1) Naproxen (22204-53-1) Triclosan (3380-34-5)</p>	ISO certified; COA included
8	<p>Pharmaceuticals Mix #1 @ R1398 Specifications: 200 µg/mL ea. in P&T Methanol, 1 mL/ampul containing the following Acetaminophen (103-90-2) Caffeine (58-08-2) Carbamazepine (298-46-4) Ciprofloxacin HCL (86393-32-0) Erythromycin USP (114-07-8) Fluoxetine HCl (56296-78-7) Sulfamethoxazole (723-46-6) Trimethoprim (738-70-5)</p>	ISO certified; COA included
9	<p>Steroids and Mixed Pharmaceuticals Mix Specifications: 200 µg/mL ea. in Acetonitrile, 1 mL/ampul containing the following Bisphenol A (80-05-7) Diclofenac sodium salt (15307-79-6) 17-β-Estradiol (50-28-2) Estrone (53-16-7) 17-α-Ethynylestradiol (57-63-6) 4-para-Nonylphenol (84852-15-3) 4-tert-Octylphenol (140-66-9) Primidone (125-33-7) Progesterone (57-83-0) Testosterone (58-22-0)</p>	ISO certified; COA included

10	Haloacetic acids mix 1 (2000 µg/mL) Specifications: Bromochloroacetic acid (5589-96-8) Dibromoacetic acid (631-64-1) Dichloroacetic acid (79-43-6) Monobromoacetic acid (79-08-3) Monochloroacetic acid (79-11-8) Trichloroacetic acid (76-03-9)	ISO certified; COA included
11	Haloacetic acids mix 2 Specifications: Bromochloroacetic acid (5589-96-8), 400 µg/mL Bromodichloroacetic acid (71133-14-7), 400 µg/mL Chlorodibromoacetic acid (5278-95-5), 1000 µg/mL Dibromoacetic acid (631-64-1), 200 µg/mL Dichloroacetic acid (79-43-6), 600 µg/mL Monobromoacetic acid (79-08-3), 400 µg/mL Monochloroacetic acid (79-11-8), 600 µg/mL Tribromoacetic acid (75-96-7), 2000 µg/mL Trichloroacetic acid (76-03-9), 200 µg/mL	ISO certified; COA included

GROUP 86: Standards for IC analysis

Item No	DESCRIPTION:	SPECIFICATIONS
1	Bromate Standard for IC * TraceCERT®- *1000 mg/L bromate in water (nominal concentration)	ISO certified; COA included
2	Bromate Standard Solution * traceable to SRM from NIST, *0.1000 mg/l BrO ₃ ⁻ in H ₂ O	ISO certified; COA included
3	Potassium bromate * puriss. p.a., ACS reagent, ≥99.8% (dried material, RT)	ISO certified; COA included
4	Sodium bromate * puriss. p.a., ≥99.5% (RT)	ISO certified; COA included
5	Chlorite IC Standard * certified reference material	ISO certified; COA included
6	Chlorate Standard for IC * TraceCERT®- * 1000 mg/L chlorate in water (nominal concentration)	ISO certified; COA included
7	Sodium chlorate * ReagentPlus®, ≥99%	ISO certified; COA included

8	Potassium chlorate * ACS reagent, ≥99.0%	ISO certified; COA included
9	Chlorate Standard for IC. *1000 mg/L chlorate in water (nominal concentration)	ISO certified; COA included
10	Sodium Carbonate (0.5M) *for Ion Chromatograph analysis	ISO certified; COA included
11	Bromide Standard (as Br) for Chloride Analysis on the Ion Chromatograph	ISO certified; COA included
GROUP 87 : Standards for LCMS analysis		
Item No	DESCRIPTION:	SPECIFICATIONS
1	N,O-Bis(trimethylsilyl)trifluoroacetamide with trimethylchlorosilane. derivatization grade (GC derivatization), LiChropur™, contains 1% TMCS, 99%BSTFA	ISO certified; COA included
2	Bezafibrate. ≥98%, solid	ISO certified; COA included
3	Ibuprofen. ≥98% (GC)	ISO certified; COA included
4	Stavudine. European Pharmacopoeia (EP) Reference Standard	ISO certified; COA included
5	Lamivudine. Pharmaceutical Secondary Standard; Certified Reference Material	ISO certified; COA included
6	Oxacillin sodium salt monohydrate. VETRANAL®- , analytical standard	ISO certified; COA included
7	Fluoxetine hydrochloride solution. 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material, Cerilliant®	ISO certified; COA included
8	Acetaminophen. BioXtra, ≥99.0%	ISO certified; COA included
9	Cinchonine. crystallized, ≥98.0% (NT)	ISO certified; COA included
10	Cinchonidine. 96%	ISO certified; COA included
11	(±)-Epichlorohydrin. purum, ≥99% (GC)	ISO certified; COA included
12	Nevirapine. Pharmaceutical Secondary Standard; Certified Reference Material	ISO certified; COA included

13	Zidovudine. Pharmaceutical Secondary Standard; Certified Reference Material	ISO certified; COA included
14	Atrazine-d5. PESTANAL®, analytical standard	ISO certified; COA included
15	Triazine Pesticides Standards Mix. certified reference material, TraceCERT®, 100 µg/mL each component in methanol	ISO certified; COA included
16	2-Chloro-4,6-diamino-1,3,5-triazine. 95%	ISO certified; COA included
17	EPA 8081 Pesticide Standard Mix. certified reference material, 200 µg/mL in hexane: toluene (1:1), ampule of 1 mL	ISO certified; COA included
18	4,4'-DDT-d8. PESTANAL®, analytical standard	ISO certified; COA included
19	DDT-Endrin Mix. certified reference material, 500 µg/mL each component in methanol	ISO certified; COA included
20	EPA Pesticide Mix. in methanol: methylene chloride (98:2) (varied), TraceCERT®, analytical standard	ISO certified; COA included
21	Appendix IX Organochlorine Pesticides Mix. certified reference material, 2000 µg/mL each component in hexane: toluene (1:1), ampule of 1 mL	ISO certified; COA included
22	EPA 8081 Pesticide Standard Mix. certified reference material, 200 µg/mL in hexane: toluene (1:1), ampule of 1 mL	ISO certified; COA included
23	2-Isopropyl-3-methoxypyrazine solution. Certified reference material	ISO certified; COA included
24	N-Nitrosodiethylamine (NDEA). Pharmaceutical Secondary Standard; Certified Reference Material	ISO certified; COA included
25	N-Nitrosodiethylamine (NDEA) solution. certified reference material, 5000 µg/mL in methanol	ISO certified; COA included

26	N-Nitrosodimethylamine (NDMA) solution. certified reference material, 200 µg/mL in methanol	ISO certified; COA included
27	N-Nitrosodimethylamine (NDMA). Pharmaceutical Secondary Standard; Certified Reference Material	ISO certified; COA included
28	N-Nitrosodimethylamine-d6. 98 atom % D	ISO certified; COA included
29	Terbutylazine-(ethyl</Hd<SUB>5). analytical standard	ISO certified; COA included
30	Terbutylazine. PESTANAL®, analytical standard	ISO certified; COA included
31	Simazine solution. 100 µg/mL in methanol, PESTANAL-®, analytical standard	ISO certified; COA included
32	Simazine-d10. PESTANAL®, analytical standard	ISO certified; COA included
33	Epichlorohydrin-d5. ≥98 atom % D, ≥99% (CP), contains hydroquinone as stabilizer	ISO certified; COA included
34	(±)-Epichlorohydrin. purum, ≥99% (GC)	ISO certified; COA included
35	17β-Estradiol-D5 solution. 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material, Cerilliant®	ISO certified; COA included
36	Testosterone-d3 (16, 16, 17-d3) solution. 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material, Cerilliant®	ISO certified; COA included
37	5α-Dihydrotestosterone-D3 (16,16,17-D3) solution-. 100 µg/mL in methanol, ampule of 1 mL, certified reference material, Cerilliant	ISO certified; COA included
38	Androstene-3,17-dione-2,3,4-13C3 solution. 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material, Cerilliant®	ISO certified; COA included
39	17α-Ethynylestradiol solution. 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material, Cerilliant	ISO certified; COA included
40	Sulfamerazine. VETRANAL®, analytical standard	ISO certified; COA included

41	Sulfathiazole. VETRANAL®, analytical standard	ISO certified; COA included
42	Sulfamethizole. VETRANAL®, analytical standard	ISO certified; COA included
43	Caffeine. anhydrous, tested according to Ph. Eur.	ISO certified; COA included
44	Warfarin. analytical standard	ISO certified; COA included
45	(-)-Cotinine solution. drug standard, 1.0 mg/mL in methanol	ISO certified; COA included
46	Ciprofloxacin. ≥98% (HPLC)	ISO certified; COA included
47	Trimethoprim. VETRANAL®, analytical standard	ISO certified; COA included
48	Ofloxacin. VETRANAL®, analytical standard	ISO certified; COA included
49	Norfloxacin. VETRANAL®, analytical standard	ISO certified; COA included
50	Flumequine. VETRANAL®, analytical standard	ISO certified; COA included
51	Sulfadimethoxine. VETRANAL®, analytical standard	ISO certified; COA included
52	Penicillin V potassium salt. VETRANAL®, analytical standard	ISO certified; COA included
53	Cloxacillin sodium salt monohydrate. VETRANAL®, analytical standard	ISO certified; COA included
54	Oxacillin sodium salt monohydrate. VETRANAL®, analytical standard	ISO certified; COA included
55	Estradiol. Pharmaceutical Secondary Standard; Certified Reference Material	ISO certified; COA included
56	Bisphenol A. certified reference material	ISO certified; COA included
57	Bisphenol A-d16. 98 atom % D	ISO certified; COA included
58	Caffeine-(trimethyl-d9). 99 atom % D, 98% (CP)	ISO certified; COA included
59	Acrylamide. Molecular Biology, ≥99% (HPLC)	ISO certified; COA included
60	Chloroacetic acid-13C2. 99 atom % 13C	ISO certified; COA included
61	Chloroacetic acid. PESTANAL®, analytical standard	ISO certified; COA included

62	Dichloroacetic acid. PESTANAL®, analytical standard	ISO certified; COA included
63	EPA 552 Halogenated Acetic Acids Mix. certified reference material, 2000 µg/mL each component in methyl tert-butyl ether	ISO certified; COA included
64	EPA 552.2 Acids Calibration Mix. certified reference material, in methyl tert-butyl ether (varied)	ISO certified; COA included
65	EPA 552.2 Haloacetic Acids Mix. certified reference material, 2000 µg/mL each component in methyl tert-butyl ether	ISO certified; COA included
66	Trichloroacetic acid. for analysis EMSURE® ACS, Reag. Ph Eur	ISO certified; COA included
67	Trichloroacetic acid-1-13C. 99 atom % 13C	ISO certified; COA included
68	Ibuprofen. Pharmaceutical Secondary Standard; Certified Reference Material	ISO certified; COA included
69	Carbamazepine. analytical standard	ISO certified; COA included
70	Carbamazepine. Pharmaceutical Secondary Standard; Certified Reference Material	ISO certified; COA included
71	(-)-Cinchonidine. phyproof® Reference Substance	ISO certified; COA included
72	Acetaminophen-D4 solution. 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material, Cerilliant®	ISO certified; COA included
73	Diclofenac sodium salt. Pharmaceutical Secondary Standard; Certified Reference Material	ISO certified; COA included
74	Bezafibrate. European Pharmacopoeia (EP) Reference Standard	ISO certified; COA included
75	Sulfamethoxazole. VETRANAL®, analytical standard	ISO certified; COA included
76	Sulfamethoxazole. Pharmaceutical Secondary Standard; Certified Reference Material	ISO certified; COA included
Group 88: Standards for PFAS analysis		
	DESCRIPTION	SPECIFICATIONS

1	Heptadecafluorooctanesulfonic acid solution. *100 µg/mL in methanol, analytical standard	ISO certified; COA included
2	Perfluorooctanoic acid. 95%	ISO certified; COA included
3	Perfluorooctanoic acid. 95%	ISO certified; COA included
4	Pentadecafluorooctanoic acid * certified reference material, TraceCERT®, Manufactured by Sigma-Aldrich Production GmbH, Switzerland	ISO certified; COA included
5	Perfluorononanoic acid. 97%	ISO certified; COA included
6	Perfluoroheptanoic acid. ≥97.0%	ISO certified; COA included
7	Nonafluorobutane-1-sulfonic acid. 97%	ISO certified; COA included
Group 89: Standards for ELISA/LCMS Analysis		
	DESCRIPTION	SPECIFICATIONS
1	Saxitoxin *in acetic acid (determination in mussel)- . BCR®, certified reference material	ISO certified; COA included
2	Saxitoxin dihydrochloride solution. * 20 µg/g in hydrochloric acid (nominal concentration)-, certified reference material, TraceCERT®	ISO certified; COA included
3	Neosaxitoxin-15N7 solution.\n* 10 µg/g in hydrochloric acid (nominal concentration), certified reference material, TraceCERT®, Manufactured by:...	ISO certified; COA included
4	Cylindrospermopsin solution *10 µg/mL in H2O, PESTANAL®, analytical standard	ISO certified; COA included
Group 90: PAL consumables		
	DESCRIPTION	SPECIFICATIONS
1	Smart SPME fiber assembly, 50/30µm	PDMS/DVB/CAR, stableflex, 2cm, 23 Ga
2	Smart SPME fiber assembly, 75µm	CAR/PDMS, stableflex, 1cm, 23 Ga
3	Smart SPME fiber assembly, 100µm	PDMS, stableflex, 1cm, 23 Ga
4	Smart SPME fiber assembly, 60µm	PEG, stableflex, 1cm, 23 Ga
5	Smart SPME fiber assembly, 65µm	PDMS/DVB/OC, stableflex, 1cm, 23 Ga
6	Smart SPME fiber assembly, 7µm	PDMS, stableflex, 1cm, 23 Ga
7	Smart SPME fiber assembly, 85µm	PA, stableflex, 1cm, 23 Ga
Group 91: Cleaning		
	DESCRIPTION	SPECIFICATIONS
1	Alcohol sanitizing wipes	1000 sheet 5L bucket 80% alcohol sanitizing wipes High Alcohol 80% ethanol perforated hand & surface wipes for instant sanitizing of hands & surfaces Must contain Sanispray fluid, 80% Ethyl alcohol and 0.2% Benzalkonium chloride SABS 490 & SABS 1853 approved EN14776 Certified to kill Covid-19 Tested against E.coli, P.aeruginosa, S.aureus, MRSA. @ 5, 10 & 60 second kill times Wipe size: 140mm x 200mm each. 5l bucket

Group 92:		
	DESCRIPTION	SPECIFICATIONS
1	Alcohol sanitizing wipes	High Alcohol 80% ethanol perforated hand & surface wipes for instant sanitizing of hands & surfaces Must contain Sanispray fluid, 80% Ethyl alcohol and 0.2% Benzalkonium chloride SABS 490 & SABS 1853 approved EN14776 Certified to kill Covid-19 Tested against E.coli, P.aeruginosa, S.aureus, MRSA. @ 5, 10 & 60 second kill times Wipe size: 140mm x 200mm each. 5l bucket Bucket Size: 190 mm diameter x 235mm height 1000 wipes in 5L bucket
2	Medical Sterile single-use swabs	with sturdy plastic stem enclosed in sterile plastic cover with safety tamper-proof seal
Group 93: Glassware		
	DESCRIPTION	SPECIFICATIONS
1	Glassware and bottle washing brush 15x150x650mm	Nylon bristles with twisted stainless steel handle that is sturdy and difficult to bend. No plastic parts. With tussle at the end
2	Glassware and bottle washing brush 45mm	Nylon bristles with twisted stainless steel handle that is sturdy and difficult to bend. No plastic parts. With tussle at the end
3	Brush test tube 19-25mm	Nylon bristles. No plastic parts
4	Glassware and bottle washing brush 75x150x550mm 1	Nylon bristles with twisted stainless steel handle that is sturdy and difficult to bend. No plastic parts. With tussle at the end
Group 94:		
	DESCRIPTION	SPECIFICATIONS
1	Butane/propane mix cartridge	*fitted with standard type EN417 threaded self-sealing safety valve. *Threaded self-sealing valve can easily be disconnected and reconnected for later use. *Cartridge must fit CADAC solid brass nickel-plated burner nozzle with push-button automatic piezo ignition.
Group 95:		
	DESCRIPTION	SPECIFICATIONS
1	Biological indicator of steam sterilization	* Attest; True Indicating or equivalent *1,0 - 2.0 ml ampoules, reddish-violet in colour *Microorganism present: Geobacillus stearothermophilus *Compliant with ISO 11138-1 and ISO 11138-3 *No growth at 37°C, growth at 60°C *Viable spores per ampoule: 1.0 x 10 ⁵ to 1.0 x 10 ⁷ *Performance tests: survival time 6 minutes at 121°C and killing time 15 minutes at 121°C • *Transported and stored at 2-8°C *18 month shelf-life from date of Purchase Order

Group 96: EVOQUA SPARES		
	DESCRIPTION	SPECIFICATIONS
1	Granular Activated Carbon 10" Filter	*10-inch GAC cartridge *effectively removes chlorine, organic compounds, and other contaminants ensuring the production of ultrapure water suitable for various critical processes. *Activated Carbon /Fine filter cartridge ACB
2	Fine filter cartridge 10" long	*Fine filter cartridge 5 µm, *9 3/4", DOE U-10PPF, FDA Grade pure polypropylene conformed to NSF Standard 42 USA. *The particle filter cartridge is used for pre-filtration in reverse osmosis systems.
3	Pretreatment module AMB	*Activated carbon / pre-filter combination to protect RO membranes. *Granulated carbon and a 1 m filter.
4	Pre-purification module DTO	Application for low TOC-level with deionized feed water. *Comprised of activated carbon and specially selected mixed bed resin
5	Polishing Module MFIID	*Special carbon and electronic grade resin material combined in one polishing module. *Module used to remove organic contaminants (especially low TOC-level) *produces water at 0.055 S/cm.
6	Sterile Ventilation filter with CO2 trap	*CO2 trap
Group 97: Consumables for PCR lab		
	DESCRIPTION	SPECIFICATIONS
1	Polymerase Chain Reaction (PCR) tubes	*The PCR tubes should be clear in colour. The tubes should have a capacity of 0.2ml. The tubes should have attached flat-caps. Should be individual tubes (i.e, not strips of PCR tubes). The tubes should be free of DNase/RNase & PCR inhibitors. The tubes should be non-sterile. *The tubes should be stable at and after the required autocalving temperature (121°C). Non-graduated tubes. Should be made of high-quality polypropylene. Should have conical bottoms. Should be suitable for use in PCR, Sanger Sequencing and NGS applications. The tubes should not contain additives that will interfere with molecular analysis
2	Sterile 1.5 ml Eppendorf micro-centrifuge tubes	*The tubes should be sterile and suitable for PCR and other molecular applications; The tubes should have a capacity of 1.5ml; Tubes should be colourless; Tubes should have conical bottoms The tubes should have attached, flat, safe-lock caps; *The caps should be flat to allow for labelling or contain an area on the body of the tube for labelling with a permanent marker; The tube should have graduations; Should be made of high-quality polypropylene; Should be DNase and RNase free.
3	Sterile 2 ml Eppendorf micro-centrifuge tubes	*The tubes should be sterile and suitable for PCR and other molecular applications; The tubes should have a capacity of 2ml; Tubes should be colourless;

		<p>Tubes should be round bottomed; The tubes should have attached, flat, safe-lock caps; *The caps should be flat to allow for labelling or contain an area on the body of the tube for labelling with a permanent marker; The tube should have graduations; Should be made of high-quality polypropylene; Should be DNase and RNase free.</p>
4	Sterile 15 ml centrifuge tubes	<p>*The Greiner tubes should be sterile, colourless, blue-capped, have a capacity of 15 ml and be made of high-quality polypropylene. The tubes should be graduated, have an ID field (area to write with a permanent marker along the side of the tube) and be able to be safely used during centrifugation at an RCF of around 3500 x g. The 15 ml Greiner tubes should have a diameter of around 1.75 cm and a length of approximately 12 cm. The tubes should come in a pack size of 50 and a case of 500.</p>
5	Sterile 50 ml centrifuge tubes	<p>*The Greiner tubes should be sterile, colourless, blue-capped, have a capacity of 50 ml and be made of high-quality polypropylene. The tubes should be graduated, have skirted conical bottoms and be able to be safely used during centrifugation at an RCF of around 3200 x g. The 50 ml Greiner tubes should have a diameter of around 3 cm and a length of approximately 11 cm and include an area to write on the tube with a permanent marker. The tubes should come in a pack size of 25 and a case of 450.</p>
6	50ml Centrifuge tube rack	<p>*The centrifuge tube rack should be made from high-quality polypropylene; *The rack should be able to hold a minimum of 16 plastic 50 ml centrifuge tubes.</p>
7	<u>15ml Centrifuge tube rack</u>	<p>The centrifuge tube rack should be made from high-quality polypropylene; The rack should be autoclavable; The rack should be able to hold at least 6 x 50ml tubes; The rack should be able to hold at least 6 x 15 ml tubes; Should come in a pack of at least 2 pieces.</p>
8	PCR tube Cooler rack	<p>Should be made of high-quality polypropylene; The rack should contain a polycarbonate lid to ensure secure storage of tubes in the freezer; Should be able to hold at least 96 x 0.2 ml PCR tubes during PCR set-up and post-PCR processes; Should be able to maintain a low sample temperature to allow efficient PCR set-up without affecting the quality of the PCR reagents; The PCR cooler rack should possess a colour indicator to indicate when PCR reagent quality could inadvertently be affected; Should be able to gently thaw reagents on the lab bench; The cooler rack should have stacking ability during storage; Should come with at minimum of 2-year warranty. Should come in a pack of at least two pieces.</p>
9	96-well low temperature rack	<p>The rack should be suitable for storage of PCR products at low temperature; Should be suitable to store vials in the freezer; Should be autoclavable; Should be suitable for PCR, Sanger Sequencing and NGS applications and storage of these products. Should come in a pack of at least two pieces.</p>

Group 98: glassware		
	DESCRIPTION	SPECIFICATIONS
1	6-Paddle Jar Tester	<ul style="list-style-type: none"> •Must have 6 × light sources (under lit) •Adjustable paddle stirring speed (20-300 rpm) •Be able to hold 6 × 1 L beakers •Have a time function •Digital screen for rpm reading •Overload protection •Overheat protection
2	Volumetric flask 1L	<ul style="list-style-type: none"> •Borosilicate glass •Two stoppers per volumetric flask to be included *A-grade *ISO certified
3	Volumetric flask 2L	<ul style="list-style-type: none"> •Borosilicate glass *A-grade *ISO certified
4	Volumetric flask 5L	<ul style="list-style-type: none"> •Borosilicate glass *A-grade *ISO certified
5	Volumetric flask 500mL	<ul style="list-style-type: none"> Borosilicate glass *A-grade *ISO certified
6	Volumetric flask 100L	<ul style="list-style-type: none"> •Borosilicate glass *A-grade *ISO certified
7	Glass beakers 1L	<ul style="list-style-type: none"> •Pyrex beakers •Heavy duty •Graduated *ISO certified
8	Glass beakers 2L	<ul style="list-style-type: none"> •Pyrex beakers •Heavy duty •Graduated *ISO certified
9	Glass beakers 5L	<ul style="list-style-type: none"> •Pyrex beakers •Heavy duty •Graduated *ISO certified
10	Glass beakers 500mL	<ul style="list-style-type: none"> •Pyrex beakers •Heavy duty •Graduated *ISO certified
11	Graduated pipette 1ml	<ul style="list-style-type: none"> •Graduated •Borosilicate glass *A-grade *ISO certified
12	Graduated pipette 2ml	<ul style="list-style-type: none"> •Graduated •Borosilicate glass *A-grade *ISO certified
13	Graduated pipette 5ml	<ul style="list-style-type: none"> •Graduated •Borosilicate glass *A-grade *ISO certified
14	Graduated pipette 10ml	<ul style="list-style-type: none"> •Graduated •Borosilicate glass *A-grade *ISO certified
15	Graduated pipette 20ml	<ul style="list-style-type: none"> •Graduated •Borosilicate glass

		*A-grade *ISO certified
16	Volumetric bulb pipette 1ml	•Borosilicate glass *A-grade *ISO certified
17	Volumetric bulb pipette 2ml	•Borosilicate glass *A-grade *ISO certified
18	Volumetric bulb pipette 5ml	•Borosilicate glass *A-grade *ISO certified
19	Volumetric bulb pipette 10ml	•Borosilicate glass *A-grade *ISO certified
20	Volumetric bulb pipette 20ml	•Borosilicate glass *A-grade *ISO certified
21	Volumetric bulb pipette 25ml	•Borosilicate glass *A-grade *ISO certified
22	Glass graduated burette 50ml	•Graduated (graduations must not fade) •Borosilicate glass •PTFE key stopcock (additional stopcock per burette to be included) *ISO certified
23	Autoclavable Glass vacuum filtration flasks (1L)	*for filtration of water samples using 47mm 1.2, 0.45 and 0.22 um filters including funnel
24	Autoclavable Glass vacuum filtration flasks (2L)	*for filtration of water samples using 47mm 1.2, 0.45 and 0.22 um filters including funnel
Group 99: Sterile Sample Collection Vessels		
	DESCRIPTION	SPECIFICATIONS
1	Sterile 500mL Sample Collection Vessels	<ul style="list-style-type: none"> • Sterile plastic High Density Polyethylene (HDPE) white plastic • Screw cap included • Sterilised by Gamma irradiation/ ethylene oxide • Proof of sterility to be included
Group 100:		
	DESCRIPTION	SPECIFICATIONS
1	Disposable lab coats (various sizes) pack of 50	Disposable labcoats must close with valcro Long sleeves Pack of 50 units of assorted sizes white
Group 101: KITS FOR THE FLOW CYTOMETRY INSTRUMENT (MOLECULAR LAB)		
	DESCRIPTION	SPECIFICATIONS
1	BD Accuri C6 Plus Flow Cytometer 1-year Maintenance Kit	The manufacturer of the BD Acuri C6 Plus Flow Cytometer maintenance kit must be ISO 9001 certified.

		<p>The maintenance kit should be manufactured by BD and be suitable for application as the BD Accuri C6 Plus Flow Cytometry instrument is a speciality instrument. The maintenance kit must contain sufficient items for a minimum of 1-year maintenance of the BD Accuri C6 Plus Flow Cytometer and have an expiry date of no less than 18 months upon receipt at the Scientific Services Branch.</p> <p>The maintenance kit should include all of the items listed below AND in sufficient quantities for maintenance over the 12-month period:</p> <ul style="list-style-type: none"> (x12) Peristaltic Pump Tubing (x6) Sheath Bottle Filters (x6) In-line Sheath Filters (x6) Detergent Bottle Filters (x6) BD FACSClean Solution Filters
2	BD Accuri C6 Plus Flow Cytometer Fluidic Kit	<p>The manufacturer of the BD Accuri Flow Cytometer Fluidic kit must be ISO 9001 certified.</p> <p>The maintenance kit should be manufactured by BD and be suitable for application as the BD Accuri C6 Plus Flow Cytometry instrument is a speciality instrument. The Flow Cytometer Fluidic kit should have an expiry date of no less than 18 months upon receipt thereof at the Scientific Services Branch.</p> <p>The Flow Cytometer Fluidic kit should include all of the items listed below AND in the required volumes:</p> <ul style="list-style-type: none"> (x1) 15 ml of BD Detergent Solution Concentrate (x1) 5L of BD FACSClean Solution (x1) pack that contains 10 bottles of BD Sheath Additive Concentrate that is sufficient to treat 10L of sheath (x1) 8 ml of BD Extended Flow Cell Clean
Group 102: CONSUMABLES FOR THE FLOW CYTOMETRY INSTRUMENT (MOLECULAR LAB)		
	DESCRIPTION	SPECIFICATIONS
1	BD Accuri C6 Plus Flow Cytometer 1-year Maintenance Kit Standard 12 x 75-mm test tubes	<p>Should be suitable for use with the BD Accuri C6 Plus Flow Cytometer using the 24 tube rack</p> <p>Should be a 5ml cylindrical test tube made of polystyrene</p> <p>Should not contain any additives that could affect analyses</p> <p>Should be capless</p> <p>Should be clear in colour</p> <p>Should be round-bottomed</p> <p>Should be able to write on the tube and hold permanent koki marking</p> <p>Non-sterile</p> <p>Should have a CE-marking</p>
2	BD CS & T RUO beads	<p>Should be suitable for application with the BD Accuri C6 Plus Flow Cytometer. The beads should be stably stored at a temperature range of 2-8°C.</p> <p>Its use will allow the instrument software to characterize, track and report performance measurements automatically.</p> <p>Should be applicable for use during QC check.</p> <p>The beads (CS & T RUO beads) should be dyed with fluorochromes that can be detected by the instrument upon excitation with the instrument's lasers. Should be packaged in box, to protect the contents from light exposure, and contain two small dropper bottles that will</p>

		be able to perform at least 50 tests. (x1) pack that contains 10 bottles of BD Sheath Additive Concentrate that is sufficient to treat 10L of sheath (x1) 8 ml of BD Extended Flow Cell Clean
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C.6 SPECIAL CONDITIONS OF CONTRACT

The following Special Conditions of Contract, referring to the National Treasury – Conditions of Contract (revised July 2010), are applicable to this agreement.

1. Definitions

Insert new clause 1.1A with the following:

- 1.1A “Commencement Date” means the date the Supplier confirms receipt from the Purchaser of 1 (one) complete, signed copy of the Contract, the *Schedule of Deviations* (if any).
- 1.1B “Conditions of Contract” means the general conditions of contract and special conditions of contract including all other contract data incorporated by reference.

Delete Clause 1.15 and substitute with the following

- 1.15 The word ‘Goods’ is to be replaced everywhere it occurs in the GCC with the phrase ‘Goods and / or Services’ which means all of the equipment, machinery, materials, services, products, consumables, etc. that the Supplier is required to deliver to the Purchaser under the agreement. This definition shall also be applicable, as the context requires, anywhere where the words “supplies” and “services” occurs in the GCC.

Delete Clause 1.19 and substitute with the following

- 1.19 The word ‘Order’ is to be replaced everywhere it occurs in the GCC with the words ‘Purchase Order’ which means the official purchase order authorised and released on the Purchaser’s SAP System.

Delete Clause 1.21 and substitute with the following:

- 1.21 ‘Purchaser’ means the City of Cape Town. The address of the Purchaser is 12 Hertzog Boulevard, Cape Town, 8001 (chosen domicilium citandi et executandi).

Add the following after Clause 1.25:

- 1.26 ‘Supplier’ means the provider of Goods and / or Services with whom the Contract is concluded also referred to as “contractor” in the GCC.
- 1.27 "Intellectual Property" means any and all intellectual property rights of any nature anywhere in the world whether registered, registerable or otherwise, including patents, trademarks, registered designs and domain names, applications for any of the foregoing, trade or business names, copyright and rights in the nature of copyright, design rights, rights in databases, know-how, trade secrets and any other intellectual property rights which subsist in computer software, computer programs, websites, documents, information, techniques, business methods, drawings, logos, instruction manuals, lists and procedures and particulars of customers, marketing methods and procedures and advertising literature, including the "look and feel" of any websites
- 1.28 “Working Day” means Monday to Friday excluding weekends and Public Holidays (in the Republic of Sotuh Africa).

3. General Obligations

Delete Clause 3.2 in its entirety and replace with the following clauses.

- 3.2 The Parties will be liable to each other arising out of or in connection with any breach of the obligations detailed or implied in this contract, subject to clause 28.
- 3.3 If the Supplier is a joint venture, all parties in a joint venture or consortium shall be jointly and severally liable to the Purchaser in terms of the Contract and shall carry individually the minimum levels of insurance stated in the Contract, if any.

- 3.4 The Parties shall comply with all laws, regulations and bylaws of local or other authorities having jurisdiction regarding the Delivery of the Goods and/or Services and give all notices and pay all charges required by such authorities.
- 3.4.1 The Parties agree that this Contract shall also be subject to the CCT's Supply Chain Management Policy ("SCM Policy") that was applicable on the date the bid was advertised as amended from time to time. If the Purchaser adopts a new SCM Policy which contemplates that any clause therein would apply to the Contract emanating from this tender, such clause shall also be applicable to the Contract. Please refer to this document contained on the CCT's website.
- 3.4.2 Abuse of the supply chain management system is not permitted and may result in termination of the Contract, restriction of the Supplier, and/or the exercise by the CCT of any other remedies available to it as described in the SCM Policy or in law.
- 3.5 The Supplier shall:
- 3.5.1 Arrange for the documents listed below to be provided to the Purchaser prior to the issuing of the Purchase Order by the Purchaser and no later than the periods as set out in the Contract:
- a) Proof of Insurance (Refer to Clause 11) or Insurance Broker's Warrantee,
 - b) Letter of good standing from the Compensation Commissioner, or a licensed compensation insurer (Refer to Clause 11),
 - c) Initial delivery programme, and
 - d) Other requirements as detailed in the Contract.
- 3.5.2 Only when notified of the acceptance of the bid on the Date of Commencement of Contract, the Supplier shall commence with and carry out the Delivery of the Goods and/or Services in accordance with the Contract, to the satisfaction, of the Purchaser.
- 3.5.3 Provide all of the necessary materials, labour, plant and equipment required for the delivery of the Goods and/or Services including any temporary services that may be required.
- 3.5.4 Insure his workmen and employees against death or injury arising out of the delivery of the Goods.
- 3.5.5 Be continuously represented during the Delivery of the Goods and/or Services by a competent representative duly authorised to execute instructions.
- 3.5.6 In the event of a loss resulting in a claim against the insurance policies stated in clause 11, pay the first amount (excess) as required by the insurance policy.
- 3.5.7 Comply with all written instructions from the Purchaser subject to clause 18.
- 3.5.8 Complete and Deliver the goods within the period stated in clause 10, or any extensions thereof in terms of clause 21.
- 3.5.9 Make good at his own expense, all incomplete and defective Goods during the warranty period.
- 3.5.10 Pay to the Purchaser any penalty for delay as due on demand by the Purchaser. The Supplier hereby consents to such amounts being deducted from any payment due to the Supplier.
- 3.5.11 Comply with the provisions of the OHAS Act & all relevant regulations.
- 3.5.12 Comply with all laws relating to wages and conditions generally governing the employment of labour in the Cape Town area and any applicable Bargaining Council agreements.
- 3.5.13 Deliver the Goods in accordance with the Contract and with all reasonable care, diligence and skill in accordance with generally accepted professional techniques and standards.
- 3.6 The Purchaser shall:
- 3.6.1 Issue Purchaser Orders for the Goods and/or Services required under this Contract. No liability for payment will ensue for arising out of the Delivery of the Goods and/or Services, unless a Purchase Order has been issued to the Supplier.

- 3.6.2 Make payment to the Supplier for the Goods and/or Services as set out herein.
- 3.6.3 Take possession of the Goods and /or Services upon Delivery by the Supplier.
- 3.6.4 Regularly inspect the Goods to establish that it is being delivered in compliance with the Contract.
- 3.6.5 Give any instructions and/or explanations and/or variations to the Supplier including any relevant advice to assist the Supplier to understand the Contract.
- 3.6.6 Grant or refuse any extension of time requested by the Supplier of the period stated in clause 10.
- 3.6.7 Inspect the Goods and/or Services to determine if, in the opinion of the Purchaser, it has been delivered in compliance with the Contract, alternatively in such a state that it can be properly used for the purpose for which it was intended.
- 3.6.8 Brief the Supplier and issue all documents, information, etc. in accordance with the contract.

5. Use of contract documents and information; inspection, copyright, confidentiality, etc.

Add the following after clause 5.4:

- 5.5 Copyright of all documents prepared by the Supplier in accordance with the relevant provisions of the Copyright Act (Act 98 of 1978) relating to the Contract shall be vested in the Purchaser. Where copyright is vested in the Supplier, the Purchaser shall be entitled to use the documents or copy them only for the purposes for which they are intended in regard to the agreement and need not obtain the Supplier's permission to copy it for such use. Where copyright is vested in the Purchaser, the Supplier shall not be liable in any way for the use of any of the information other than as originally intended in terms of the agreement and the Purchaser hereby indemnifies the Supplier against any claim which may be made against it by any person / entity, arising from the use of such documentation for other purposes.

The ownership of data and factual information collected by the Supplier and paid for by the Purchaser shall, after payment, vest with the Purchaser.

- 5.6 **Publicity and publication**
The Supplier shall not release public or media statements or publish material related to the services or agreement within two (2) years of Delivery of the Goods, without the written approval of the Purchaser, which approval shall not be unreasonably withheld.
- 5.7 **Confidentiality**
Both Parties shall keep all information obtained by them in the context of the agreement, confidential and shall not divulge it without the written approval of the other Party.
- 5.8 **Intellectual Property**
 - 5.8.1 The Supplier acknowledges that it shall not acquire any right, title or interest in or to the Intellectual Property of the Purchaser.
 - 5.8.2 The Supplier hereby assigns to the Purchaser, all Intellectual Property created, developed or otherwise brought into existence by it for the purposes of the agreement, unless the Parties expressly agree otherwise in writing.
 - 5.8.3 The Supplier shall, and warrants that it shall:
 - 5.8.3.1 Not be entitled to use the Purchaser's Intellectual Property for any purpose other than as contemplated in the agreement;
 - 5.8.3.2 not modify, add to, change or alter the Purchaser's Intellectual Property, or any information or data related thereto, nor may the Supplier produce any product as a result of, including and/or arising from any such information, data and Intellectual Property, and in the event that it does produce any such product, the product shall be, and be deemed in law to be, owned by the Purchaser;

- 5.8.3.3 Not apply for or obtain registration of any domain name, trademark or design which is similar to any Intellectual Property of the Purchser;
- 5.8.3.4 Comply with all reasonable directions or instructions given to it by the Purchaser in relation to the form and manner of use of the CCT Intellectual Property, including without limitation, any brand guidelines which the Purchaser may provide to the Supplier from time to time;
- 5.8.3.5 Ensure that its employees, directors, members and contractors comply strictly with the provisions of this Clause 5.5.8.4 above unless the Purchaser expressly agrees to the contrary, in writing and only after obtaining due internal authority for such agreement.
- 5.8.4 The Supplier represents and warrants to the Purchaser that, in providing Goods and/or Services for the duration of the agreement it will not infringe or make unauthorised use of the Intellectual Property rights of any third party and hereby indemnifies the Purchaser from any claims, liability, loss, damages, costs, and expenses arising from the infringement or unauthorised use by the Supplier of any third party's Intellectual Property rights.
- 5.8.5 Upon expiry of the contract period and in the event that the Contract is terminated, ended or is declared void, any and all of the Purchaser's Intellectual Property, and any and all information and data related thereto, shall be immediately handed over to the Purchaser by the Supplier and no copies thereof shall be retained by the Supplier unless the Purchaser expressly and in writing, after obtaining due internal authority, agrees otherwise.

5.9 **Protection of Personal Information Act of 2013**

By submitting a tender to the Purchaser, (and by concluding any ensuing related agreement with the City of Cape Town, if applicable), the Tenderer thereby acknowledges and unconditionally agrees:

- 5.9.1 that the tenderer has been informed of the purpose of the collection and processing of its personal information as defined in the Protection of Personal Information Act of 2013 ("POPIA"), which, for the avoidance of doubt is for, and in relation to, the tender process and the negotiation, conclusion, performance and enforcement of the ensuing agreement, if applicable, as well as for the City of Cape Town's reporting purposes;
- 5.9.2 to the collection and processing of the tenderer's personal information by the City of Cape Town and agrees to make available to the City of Cape Town, all information reasonably required by the City of Cape Town for the above purposes;
- 5.9.3 that the personal information the City of Cape Town collects from the tenderer or about the tenderer may be further processed for other activities and/or purposes which are lawful, reasonable, relevant and not excessive in relation to the purposes set out above, for which it was originally collected;
- 5.9.4 that, the tenderer indemnifies the City of Cape Town and its officials, employees, and directors and undertakes to keep the City of Cape Town and its officials, employees, and directors indemnified in respect of any claim, loss, demands, liability, costs and expenses of whatsoever nature which may be made against the City of Cape Town (including the costs incurred in defending or contesting any such claim) in relation to the tenderer or the tenderer's employees', representatives' and/or sub-Suppliers' non-compliance with POPIA and/or the City of Cape Town's failure to obtain the tenderer's consent or to notify the tenderer of the reason for the processing of the tenderer's personal information;
- 5.9.5 to the disclosure of the tenderer's personal information by the City of Cape Town to any third party, where the City of Cape Town has a legal or contractual obligation to disclose such personal information to the third party (or a legitimate interest exists therein);
- 5.9.6 that, under POPIA, the tenderer may request to access, confirm, request the correction, destruction, or deletion of, or request a description of, personal information held by the City of Cape Town in relation to you, subject to applicable law; and

that under POPIA, subject to applicable law, the tenderer also has the right to be notified of a personal information breach and the right to object to, or restrict, the City of Cape Town's processing of its personal information.

5.10 **PERFORMANCE MONITORING**

5.10.1 As required by section 116(2)(b) of the Local Government: Municipal Financial Management Act 56 of 2003, the CCT shall monitor the performance of the Supplier on at least a monthly basis, and the Supplier agrees to provide the CCT with its full cooperation in this regard.

7. Performance Security

Not Applicable. Tenderers must disregard the **Pro Forma Performance Security/ Guarantee** and are not required to furnish same.

8. Inspections, tests and analyses

Delete Clause 8.2 and substitute with the following:

8.2 If it is a bid condition that Goods and/or Services to be produced or services to be rendered should at any stage during production or execution or on completion be subject to inspection, the premises of the bidder or Supplier shall be open, at all reasonable hours, for inspection by a representative of the Purchaser or an organisation acting on behalf of the Purchaser.

10. Delivery and documents

Delete clauses 10.1 and 10.2 and replace with the following:

10.1 Delivery of the goods shall be made by the Supplier in accordance with the terms specified in the contract. The time for Delivery of the goods shall be the date as stated on the Purchase Order. In the case of agreements for Delivery of goods in terms of framework or panel agreements, Purchase Orders for the supply and delivery of goods may be raised up until the expiry of a framework or panel agreement, provided that the goods can be delivered within 30 (thirty) days of expiry of the framework or panel agreement. In this context, the "goods" does not include services and carries its ordinary meaning. All Purchase Orders other than for the supply and Delivery of goods (i.e. supply of services, professional services or constructions works), must be completed prior to the expiry of the contract period.

10.2 The Purchaser shall determine, in its sole discretion, whether the Goods and/or Services have been delivered in compliance with the Contract, alternatively in such a state that it can be properly used for the purpose for which it was intended. When the Purchaser determines that the Goods and/or Services have been satisfactorily delivered, the Purchaser must issue an appropriate certification, or written approval, to that effect. Invoicing may only occur, and must be dated, on or after the date of such written acceptance of the Goods.

11. Insurance

Add the following after clause 11.1:

11.2 Without limiting the obligations of the Supplier in terms of this Contract, the Supplier shall effect and maintain the following additional insurances:

11.2.1 Public liability insurances, in the name of the Supplier, covering the Supplier and the Purchaser against liability for the death of or injury to any person, or loss of or damage to any property, arising out of or in the course of this Contract, in an amount not less than **R20 million** for any single claim;

11.2.2 Motor Vehicle Liability Insurance, in respect of all vehicles owned and / or leased by the Supplier, comprising (as a minimum) "Balance of Third Party" Risks including Passenger Liability Indemnity;

11.2.3 Registration / insurance in terms of the Compensation for Occupational Injuries and Disease Act, Act 130 of 1993. This can either take the form of a certified copy of a valid Letter of Good Standing issued by the Compensation Commissioner, or proof of insurance with a licenced compensation insurer, from either the Supplier's broker or the insurance company itself (see the Pro Forma Insurance Broker's Warranty).

11.2.4 In the case of Contracts for delivery of professional services, Professional indemnity insurance providing cover in an amount of not less than **R5 million** in respect of each and every claim during the contract period. **Not Applicable**

- 11.2.5 In the event of under insurance or the insurer’s repudiation of any claim for whatever reason, the Purchaser will retain its right of recourse against the Supplier.
- 11.3 The Supplier shall be obliged to furnish the Purchaser with proof of such insurance as the Purchaser may require from time to time for the duration of this Contract. Evidence that the insurances have been effected in terms of this clause, shall be either in the form of an insurance broker’s warranty worded precisely as per the pro forma version contained in the Pro forma Insurance Broker’s Warranty or copies of the insurance policies.

15. Warranty

Add to Clause 15.2:

- 15.2 The warranty for this Contract shall remain valid for six (6) months from date of Delivery of the Goods and/or Services.

16. Payment

Delete Clause 16.1 in its entirety and replace with the following:

- 16.1 Payment of invoices will be made:
- 16.1.1 Within 30 (thirty) days of receiving the relevant invoice or statement from the Supplier, unless otherwise prescribed for certain categories of expenditure or specific contractual requirements in accordance with any other applicable policies of the Purchaser.
- 16.1.2 Notwithstanding anything contained above, the Purchaser shall not be liable for payment of any invoice that pre-dates the date of delivery of any Goods and/or Services.

Delete Clause 16.2 in its entirety and replace with the following:

- 16.2 The Supplier shall furnish the purchaser’s Accounts Payable Department with an original tax invoice, clearly showing the amount due in respect of each and every claim for payment.

Add the following after clause 16.4

- 16.5 Notwithstanding any amount stated on the Purchase Order, the Supplier shall only be entitled to payment for Goods and/or Services actually delivered in terms of the Specification and Drawings, or any variations thereof made in accordance with clause 18. Any contingency sum included shall be for the sole use, and at the discretion, of the Purchaser.
- 16.6 The Purchaser will only make advanced payments to the Supplier in strict compliance with the terms and conditions as contained in the Pro forma Advanced Payment Guarantee and only once the authenticity of such guarantee has been verified by the Purchaser’s Treasury Department.
- 16.6.1 The Advance Payment Schedule applicable to this Contract is set out below. The items of plant and materials which have been identified by the Purchaser as being suitable for advance payment in terms of this Contract are listed in the table below, and for which the Purchaser is prepared to make advance payment to the Supplier, subject to the conditions below. Should an item or items be added to the list at tender stage by a tenderer, no obligation to advance payment shall be incurred by the Purchaser, for such items added by the tenderer except as provided for herein.

Plant and materials which have been manufactured and are stored by the supplier	Plant and materials yet to be manufactured and for which a deposit with order is required from the supplier by a third party manufacturer/supplier, and which may be stored by the supplier:
Not Applicable	Not Applicable

- 16.6.2 The Supplier can only rely on advance payment being permitted by the Purchaser in respect of the plant and materials listed in the table above. The Purchaser may, however, permit advance payment for other plant and materials in exceptional circumstances and at its sole discretion, during the course of the Contract, and upon reasonable request from the Supplier.

- 16.6.3 Advance payment for the purposes of deposits will only be provided up to a limit of **0%** of the value of any one item being claimed.
- 16.6.4 The Supplier shall provide the Purchaser with documentary evidence of the terms and conditions for which a deposit with order is required by a third party manufacturer/supplier, together with the advance payment guarantee.
- 16.6.5 The Supplier will also be permitted to obtain advance payment for the balance of the value of the plant and materials in respect of which he has paid a deposit, for an item which after manufacture is stored by the Supplier. The Supplier shall, in respect of such payment, provide an advance payment guarantee, either for such balance or, if the advance payment guarantee in respect of the deposit is to be returned by the Purchaser upon request, for the whole value of the item.

17. Prices

Add the following after clause 17.1

- 17.2 If as a result of an award of a contract beyond the original tender validity period, the contract execution will be completed beyond a period of twelve (12) months from the expiry of the original tender validity period, then the contract may be subject to contract price adjustment for that period beyond such twelve (12) months. An appropriate contract price adjustment formula will be determined by the Purchaser delegated authority if such was not included in the bid documents.
- 17.3 If as a result of any extension of time granted, the contract execution will be completed beyond a period of twelve (12) months from the expiry of the original tender validity period, then contract price adjustment may apply to that period beyond such twelve (12) months. An appropriate contract price adjustment formula will be determined by the Director: Supply Chain Management if such was not included in the bid documents.
- 17.4 The prices for the goods and/or Services delivered and services performed shall be subject to contract price adjustment in terms of **Schedule F.1 Contract Price Adjustment and/or Rate of Exchange Variations**.

18. Contract Amendments

Delete the heading of clause 18 and replace with the following:

18. Contract Amendments and Variations

Add the following to clause 18.1:

Variations means changes to the Goods and/or Services, extension of the contract period or increases in the value of the Contract as a result of written instructions issued by the Purchaser to the Supplier. Such changes are subject to prior approval by the Purchaser's delegated authority. Should the Supplier deliver any Goods not described in a written instruction from the Purchaser, the Purchaser's liability for payment shall no arise until such time as the change has been duly approved and such approval communicated to the Purchaser.

20. Subcontracts

Add the following after clause 20.1:

- 20.2 The Supplier shall be liable for the acts, defaults and negligence of any subcontractor, his agents or employees as fully as if they were the acts, defaults or negligence of the Supplier.
- 20.3 Any appointment of a subcontractor shall not amount to a contract between the Purchaser and the subcontractor, or a responsibility or liability on the part of the Purchaser to the subcontractor and shall not relieve the Supplier from any liability or obligation under the Contract.

21. Delays in the supplier's performance

Delete Clause 21.2 in its entirety and replace with the following:

- 21.2 If at any time during the performance of obligations contained in the Contract the Supplier or its

subcontractors should encounter conditions beyond their reasonable control which impede the timely delivery of the Goods and/or Services, the Supplier shall notify the Purchaser in writing, within 7 (seven) days of first having become aware of these conditions, of the facts of the delay, its cause(s) and its probable duration. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation, and may at his discretion extend the time for Delivery.

Where additional time is granted, the Purchaser shall also determine whether or not the Supplier is entitled to payment for additional costs in respect thereof. The principle to be applied in this regard is that where the Purchaser or any of its agents are responsible for the delay, reasonable costs shall be paid. In respect of delays that were beyond the reasonable control of both the Supplier and the Purchaser, additional time only (no costs) will be granted.

The Purchaser shall notify the Supplier in writing of his decision(s) in the above regard.

- 21.3 No provision in this Contract shall be deemed to prohibit the obtaining of Goods and/or Services from a national department, provincial department, or a local authority.

22. Penalties

Delete clause 22.1 and replace with the following:

- 22.1 Subject to GCC Clause 25, if the Supplier fails to deliver any or all of the Goods and/or Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from amounts payable, as a penalty, a sum as stated herein for each day of the delay until actual Delivery or performance.

The penalty for this contract shall be **0.1% of Purchase Order amount.**

- 22.2 The Purchaser shall, without prejudice to its other remedies under the contract, deduct from amounts payable, financial penalties as contained on the Preference Schedule for breaches of the conditions upon which preference points were awarded.

23. Termination for default

Delete the heading of clause 23 and replace with the following:

23. Termination

Add the following to the end of clause 23.1:

If the Supplier fails to remedy the breach in terms of such notice.

Add the following after clause 23.7:

- 23.8 In addition to the grounds for termination due to default by the Supplier, the Contract may also be terminated:
- 23.8.1 Upon the death of the Supplier who was a Sole Proprietor, or a sole member of a Close Corporation, in which case the contract will terminate forthwith.
- 23.8.2 If the Parties, by mutual agreement, terminate the Contract.
- 23.8.3 If a material irregularity vitiates the procurement process leading to the conclusion of the Contract, rendering the procurement process and the conclusion of the resulting Contract unfair, inequitable, non-transparent, uncompetitive or not cost-effective the Contract may be terminated by the Purchaser (upon conclusion of applicable processes by the City Manager as described in the Purchaser's SCM Policy).
- 23.8.4 Reputational risk or harm to the Purchaser

The Purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, may terminate the contract if the implementation of the contract may result in reputational risk or harm to the Purchaser as a result of (inter alia):

- a) reports of poor governance and/or unethical behaviour;
- b) association with known notorious individuals and family of notorious individuals;
- c) poor performance issues, known to the Purchaser
- d) negative social media reports;
- e) adverse assurance (e.g. due diligence) report outcomes; or
- f) circumstances where the relevant vendor has employed, or is directed by, anyone who was previously employed in the service of the state (as defined in clause 1.53), where the person is or was negatively implicated in any SCM irregularity.

By or in relation to the Supplier, the Contract may be terminated by the Purchaser after providing notice to the Supplier.

- 23.9 If the Contract is terminated in terms of clause 23.8, all obligations that were due and enforceable prior to the date of the termination, must be performed by the relevant Party.

26. Termination for insolvency

Delete clause 26.1 and replace with the following:

- 26.1 In the event of the Supplier becoming bankrupt or otherwise insolvent the Purchaser may elect to:

- 26.1.1 At any time, terminate the Contract by giving written notice to the Supplier; or
- 26.1.2 Accept a Supplier's proposal (via the liquidator) to render delivery utilising the appropriate contractual mechanisms or takes steps to ensure its rights are protected and any negative impact on service delivery is mitigated.

- 26.2 In the event of the Purchaser electing to cancel the Contract in accordance with clause 26.1.1 above, the Purchaser shall make payment of all verified and signed off invoices. In the event of there being any dispute in respect of any outstanding invoices such dispute shall be dealt with in accordance with the dispute resolution mechanism in the Contract.

27. Settlement of Disputes

Amend clause 27.1 as follows:

- 27.1 If any dispute or difference of any kind whatsoever, with the exception of termination in terms of clause 23 arises between the Purchaser and the Supplier in connection with or arising out of the Contract, the Parties shall make every effort to resolve such dispute or difference amicably, by mutual consultation.

Delete Clause 27.2 in its entirety and replace with the following:

- 27.2 Should the Parties fail to resolve any dispute by way of mutual consultation, either party shall be entitled to refer the matter for mediation before an independent and impartial person appointed by the City Manager in accordance with Regulation 50(1) of the Local Government: Municipal Finance Management Act, 56 of 2003 – Municipal Supply Chain Management Regulations (Notice 868 of 2005). Such referral shall be done by either party giving written notice to the other of its intention to commence with mediation. No mediation may be commenced unless such notice is given to the other party.

Irrespective whether the mediation resolves the dispute, the Parties shall bear their own costs concerning the mediation and share the costs of the mediator and related costs equally.

The mediator shall agree the procedures, representation and dates for the mediation process with the Parties. The mediator may meet the Parties together or individually to enable a settlement.

Where the Parties reach settlement of the dispute or any part thereof, the mediator shall record such agreement and on signing thereof by the Parties the agreement shall be final and binding.

Save for reference to any portion of any settlement or decision which has been agreed to be final and binding on the Parties, no reference shall be made by or on behalf of either party in any subsequent court proceedings, to any outcome of an amicable settlement by mutual consultation, or the fact that any particular evidence was given, or to any submission, statement or admission made in the course of amicable settlement by mutual consultation or mediation.

28. Limitation of Liability

Delete clause 28.1 (a) and (b) and replace with the following:

- (a) notwithstanding any provision to the contrary contained in this contract, neither the supplier nor any of its officers, directors, employees, agents contractors, consultants or other representatives shall be liable to the purchaser, whether in contract, tort, or otherwise, for any indirect, incidental, special or consequential loss or damage of any kind, including without limitation the loss of use, loss of production, or loss of profits or interest costs, loss of goodwill, lost or damaged data or software, costs of substitute products/services and/or loss of business or business opportunities (whether foreseeable or unforeseeable), provided that this exclusion shall not apply to any obligation of the supplier to pay penalties and/or damages to the purchaser;
- (b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the sums insured in terms of clause 11 in respect of insurable events, or where no such amounts are stated, to an amount equal to twice the Contract price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

Add the following after clause 28.1:

28.2 Without detracting from, and in addition to, any of the other indemnities in this Contract, the Supplier shall be solely liable for and hereby indemnifies and holds harmless the Purchaser against all claims, charges, damages, costs, actions, liability, demands and/or proceedings and expense in connection with:

- a) personal injury or loss of life to any individual;
- b) loss of or damage to property;

arising from, out of, or in connection with the performance by the Supplier in terms of this Contract, save to the extent caused by the gross negligence or wilful misconduct of the Purchaser.

28.3 The Supplier and/or its employees, agents, concessionaires, suppliers, sub-contractors or customers shall not have any claim of any nature against the purchaser for any loss, damage, injury or death which any of them may directly or indirectly suffer, whether or not such loss, damages, injury or death is caused through negligence of the Purchaser or its agents or employees.

28.4 Notwithstanding anything to the contrary contained in this Contract, under no circumstances whatsoever, including as a result of its negligent (including grossly negligent) acts or omissions or those of its servants, agents or contractors or other persons for whom in law it may be liable, shall any party or its servants (in whose favour this constitutes a *stipulatio alteri*) be liable for any indirect, extrinsic, special, penal, punitive, exemplary or consequential loss or damage of any kind whatsoever, whether or not the loss was actually foreseen or reasonably foreseeable), sustained by the other party, its directors and/or servants, including but not limited to any loss of profits, loss of operation time, corruption or loss of information and/or loss of contracts.

28.5 Each party agrees to waive all claims against the other insofar as the aggregate of compensation which might otherwise be payable exceeds the aforesaid maximum amounts payable.

31. Notices

Delete clauses 31.1 and 31.2 and replace with the following:

- 31.1 Any notice, request, consent, approvals or other communications made between the Parties pursuant to the Contract shall be in writing and forwarded to the addresses specified in the Contract and may be given as set out hereunder and shall be deemed to have been received when:
- a) hand delivered – on the day delivery of delivery or the next Working Day,
 - b) sent by registered mail – five (5) Working Days after mailing,
 - c) sent by email or telefax – one (1) Working Day after transmission.

32. Taxes and Duties

Delete the final sentence of 32.3 and replace with the following:

. In this regard, it is the responsibility of the Tenderer to submit evidence in the form of a valid Tax Compliance Status PIN issued by SARS to the CCT at the Supplier Management Unit located within the Supplier Management / Registration Office, 2nd Floor (Concourse Level), Civic Centre, 12 Hertzog Boulevard, Cape Town (Tel 021 400 9242/3/4/5), or included with this tender.

Add the following after clause 32.3:

32.4 The VAT registration number of the CCT is 4500193497.

ADDITIONAL CONDITIONS OF CONTRACT

Add the following Clause after Clause 34:

35. Reporting Obligations

35.1 The Supplier shall complete, sign and submit with each delivery note, all the documents as required in the Specifications including Monthly Project Labour Reports (Annexure B). Any failure in this regard may result in a delay in the processing of payments.

C.7 GENERAL CONDITIONS OF CONTRACT

(National Treasury - General Conditions of Contract (revised July 2010))

TABLE OF CLAUSES

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

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 or her 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 in which an enterprise abroad is subsidised 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 recognised new product results that is substantially different in basic characteristics or in purpose or utility from its components.
- 1.7 'Day' means calendar day.
- 1.8 'Delivery' means delivery in compliance with the conditions of the contract or order.
- 1.9 'Delivery ex stock' means immediate delivery directly from stock actually on hand.
- 1.10 'Delivery into consignee's store or to his site' means delivered and unloaded in the specified store or depot or on the specified site in compliance with the conditions of the contract or order, the supplier bearing all risks and charges involved until the supplies are so delivered and a valid receipt is obtained.
- 1.11 'Dumping' occurs when a private enterprise abroad markets its goods on its own initiative in the RSA at lower prices than that of the country of origin, and which action has the potential to harm the local industries in the RSA.
- 1.12 'Force majeure' means an event beyond the control of the supplier, not involving the supplier's fault or negligence, and not foreseeable. Such events may include, but are not restricted to, acts of the purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- 1.13 'Fraudulent practice' means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any bidder, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial, non-competitive levels and to deprive the bidder of the benefits of free and open competition.
- 1.14 'GCC' means the General Conditions of Contract.
- 1.15 'Goods' means all of the equipment, machinery, and/or other materials that the supplier is required to supply to the purchaser under the contract.
- 1.16 'Imported content' means that portion of the bidding price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or his subcontractors) and which costs are inclusive of the costs abroad, plus freight and other direct importation costs such as landing costs, dock dues, import duty, sales duty or other similar tax or duty at the South African place of entry as well as transportation and handling charges to the factory in the Republic where the supplies covered by the bid will be manufactured.
- 1.17 'Local content' means that portion of the bidding price which is not included in the imported content, provided that local manufacture does take place.
- 1.18 'Manufacture' means the production of products in a factory using labour, materials, components and machinery, and includes other, related value-adding activities.
- 1.19 'Order' means an official written order issued for the supply of goods or works or the rendering of a service.
- 1.20 'Project site', where applicable, means the place indicated in bidding documents.
- 1.21 'Purchaser' means the organisation purchasing the goods.
- 1.22 'Republic' means the Republic of South Africa.
- 1.23 'SCC' means the Special Conditions of Contract.

1.24 'Services' means those functional services ancillary to the supply of the goods, such as transportation and any other incidental services, such as installation, commissioning, provision of technical assistance, training, catering, gardening, security, maintenance, and other such obligations of the supplier covered under the contract.

1.25 'Written' or 'in writing' means handwritten in ink or any form of electronic or mechanical writing.

2. Application

2.1 These general conditions are applicable to all bids, contracts and orders, including bids for functional and professional services, sales, hiring, letting and the granting or acquiring of rights, but excluding immovable property, unless otherwise indicated in the bidding documents.

2.2 Where applicable, special conditions of contract are also laid down to cover specific supplies, services or works.

2.3 Where such special conditions of contract are in conflict with these general conditions, the special conditions shall apply.

3. General

3.1 Unless otherwise indicated in the bidding documents, the purchaser shall not be liable for any expense incurred in the preparation and submission of a bid. Where applicable, a non-refundable fee for documents may be charged.

3.2 With certain exceptions, invitations to bid are only published in the Government Tender Bulletin. The Government Tender Bulletin may be obtained directly from the Government Printer, Private Bag X85, Pretoria 0001, or accessed electronically from www.treasury.gov.za.

4. Standards

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

5. Use of contract documents and information; inspection.

5.1 The supplier shall not, without the purchaser's prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the purchaser in connection therewith, to any person other than a person employed by the supplier in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for the 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 the use of the goods or any part thereof by the purchaser.

7. Performance Security

7.1 Within 30 (thirty) 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 the SCC.

- 7.2 The proceeds of the performance security shall be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete his obligations under the contract.
- 1.3 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 30 (thirty) days following the date of completion of the supplier's performance obligations under the contract, including any warranty obligations, unless otherwise specified in the SCC.

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 supplies to be produced or services to be rendered should at any stage during production or execution or on completion be subject to inspection, the premises of the bidder or contractor shall be open, at all reasonable hours, for inspection by a representative of the Department or an organisation acting on behalf of the Department.
- 8.3 If there are no inspection requirements indicated in the bidding documents and no mention of such 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 supplies 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 supplies or services referred to in clauses 8.2 and 8.3 do not comply with the contract requirements, irrespective of whether such supplies or services are accepted or not, the cost in connection with these inspections, tests or analyses shall be defrayed by the supplier.
- 8.6 Supplies and services 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 supplies 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 supplies 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 supplies which do comply with the requirements of the contract. Failing such removal, the rejected supplies shall be returned at the suppliers cost and risk. Should the supplier fail to provide the substitute supplies forthwith, the purchaser may, without giving the supplier further opportunity to substitute the rejected supplies, purchase such supplies 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 23 of the GCC.

9. Packing

- 9.1 The supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing, case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

9.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the contract, including additional requirements, if any, specified in the SCC, and in any subsequent instructions ordered by the purchaser.

10. Delivery and documents

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

10.2 Documents to be submitted by the supplier are specified in the SCC.

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 in the SCC.

12. Transportation

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

13. Incidental Services

13.1 The supplier may be required to provide any or all of the following services, including additional services (if any) specified in the SCC:

- (a) performance or supervision of on-site assembly, and/or commissioning of the supplied goods;
- (b) furnishing of tools required for the 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 in the SCC, the supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the supplier:

- (a) such spare parts as the purchaser may elect to purchase from the supplier, provided that this election shall not relieve the supplier of any warranty obligations under the contract; and
- (b) in the event of termination of production of the spare parts:
 - (i) Advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements; and
 - (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 12 (twelve) 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 18 (eighteen) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise in the SCC.

15.3 The purchaser shall notify the supplier promptly, in writing, of any claims arising under this warranty.

15.4 Upon receipt of such notice, the supplier shall, within the period specified in the SCC 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 in the SCC, 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 in the SCC.

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

16.3 Payments shall be made promptly by the purchaser, but in no case later than 30 (thirty) days after submission of an invoice or claim by the supplier.

16.4 Payment will be made in Rand unless otherwise stipulated in the SCC.

17. Prices

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

18. Contract Amendments

18.1 No variation in or modification of the terms of the contract shall be made except by written amendment signed by the Parties concerned.

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 contract if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the supplier from any liability or obligation under the contract.

21. Delays in the supplier's performance

21.1 Delivery of the goods and performance of services shall be made by the supplier in accordance with the time schedule prescribed by the purchaser in the contract.

21.2 If at any time during the 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 or her 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 No provision in a contract shall be deemed to prohibit the obtaining of supplies or services from a national department, provincial department, or a local authority.
- 21.4 The right is reserved to procure, outside of the contract, small quantities of supplies; or to have minor essential services executed if an emergency arises, or the supplier's point of supply is not situated at or near the place where the supplies are required, or the supplier's services are not readily available.
- 21.5 Except as provided under GCC Clause 25, a delay by the supplier in the performance of its delivery obligations shall render the supplier liable to the imposition of penalties, pursuant to GCC Clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 21.2 without the application of penalties.
- 21.6 Upon any delay beyond the delivery period in the case of a supplies contract, the purchaser shall, without cancelling the contract, be entitled to purchase supplies of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any goods delivered later at the supplier's expense and risk, or to cancel the contract and buy such goods as may be required to complete the contract and, without prejudice to his other rights, be entitled to claim damages from the supplier.

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 judgment 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 14 (fourteen) days to provide reasons why the envisaged restriction should not be imposed. Should the supplier fail to respond within the stipulated 14 (fourteen) days the purchaser may regard the intended penalty as not objected against and may impose it on the supplier.
- 23.5 Any restriction imposed on any person by the Accounting Officer/Authority will, at the discretion of the Accounting Officer/Authority, 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 Accounting Officer/Authority, actively associated.

- 23.6 If a restriction is imposed, the purchaser must, within 5 (five) 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.

- 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, Act 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 of 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. Anti-dumping 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 subsidised 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 favourable difference shall, on demand, be paid forthwith by the contractor to the State, or the State may deduct such amounts from moneys (if any) which may otherwise be due to the contractor in regard to supplies or services which he or she 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 or her.

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 notify the purchaser promptly, 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 such dispute or difference amicably, by mutual consultation.
- 27.2 If, after 30 (thirty) 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.
- 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 Mediation proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

27.5 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 to the supplier.

28. Limitation of Liability

28.1 Except in cases of criminal negligence or wilful misconduct, and in the case of infringement pursuant to Clause 6:

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

29. Governing language

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 in the SCC.

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, licence fees, and other such levies imposed outside the purchaser's country.

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

32.3 No contract shall be concluded with any bidder whose tax matters are not in order. Prior to the award of a bid the Department must be in possession of a tax clearance certificate submitted by the bidder. This certificate must be an original issued by the South African Revenue Services.

33. National Industrial Participation (NIP) Programme

33.1 The NIP Programme administered by the Department of Trade and Industry shall be applicable to all contracts that are subject to the NIP obligation.

34 Prohibition of Restrictive practices

34.1 In terms of section 4 (1) (b) (iii) of the Competition Act, Act 89 of 1998, as amended, an agreement between or concerted practice by firms, or a decision by an association of firms, is prohibited if it is between Parties in a horizontal relationship and if a bidder(s) is/are or a contractor(s) was/were involved in collusive bidding (or bid rigging).

- 34.2 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 the Competition Act, Act 89 of 1998.
- 34.3 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 10 (ten) years and/or claim damages from the bidder(s) or contractor(s) concerned.

C.8 ANNEXURES

Annexure A – Pro Forma Insurance Broker’s Warranty



Letterhead of supplier’s Insurance Broker

Date _____

CCT
City Manager
Civic Centre
12 Hertzog Boulevard
Cape Town
8000

Dear Sir

TENDER NO.: 165G/2025/26

TENDER DESCRIPTION: SUPPLY AND DELIVERY OF CHEMICALS AND CONSUMABLES FOR THE CITY OF CAPE TOWN

NAME OF SUPPLIER: _____

I, the undersigned, do hereby confirm and warrant that all the insurances required in terms of the abovementioned contract have been issued and/or in the case of blanket/umbrella policies, have been endorsed to reflect the interests of the CCT with regard to the abovementioned contract, and that all the insurances and endorsements, etc., are all in accordance with the requirements of the contract.

I furthermore confirm that all premiums in the above regard have been paid.

Yours faithfully

Signed: _____

For: _____ (Supplier’s Insurance Broker)

MONTHLY PROJECT LABOUR REPORT

BENEFICIARY DETAILS AND WORK INFORMATION



CONTRACT OR WORKS PROJECT NUMBER:
--

Year	Month

Sheet		
1	of	

No.	(8) First name	(8) Surname	(8) ID number	(9) New Beneficiary (Y/N)	Gender (M/F)	Disabled (Y/N)	(10) Job seeker database (Y/N)	Contract start date (DDMMYY)	(11) Contract end date (DDMMYY)	(12) No. days worked this month (excl. training)	(13) Training days	(14) Rate of pay per day (R - c)
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												

0 0 R -

Declared by Contractor or Vendor to be true and correct:	Name	Signature
	Date	

Received by Employer's Agent / Representative:	Name	Signature
	Date	

Annexure C - Pro Forma Performance Security / Guarantee (NOT APPLICABLE)

GUARANTEE PERFORMANCE SECURITY

GUARANTOR DETAILS AND DEFINITIONS

"Guarantor" means:

Physical address of Guarantor:

"Supplier" means:

"Contract Sum" means: *The accepted tender amount (INCLUSIVE OF VAT) of R.....*

Amount in words:

"Guaranteed Sum" means: *The maximum amount of R*

Amount in words:

"Contract" means: *The agreement made in terms of the Form of Offer and Acceptance for tender no ...and such amendments or additions to the contract as may be agreed in writing between the Parties.*

PERFORMANCE GUARANTEE

1. *The Guarantor's liability shall be limited to the amount of the Guaranteed Sum.*
2. *The Guarantor's period of liability shall be from and including the date of issue of this Guarantee/Performance Security up to and including the termination of the Contract or the date of payment in full of the Guaranteed Sum, whichever occurs first.*
3. *The Guarantor hereby acknowledges that:*
 - 3.1 *any reference in this Guarantee/Performance to "Contract" is made for the purpose of convenience and shall not be construed as any intention whatsoever to create an accessory obligation or any intention whatsoever to create a suretyship;*
 - 3.2 *Its obligation under this Guarantee/Performance Security is restricted to the payment of money.*
4. *Subject to the Guarantor's maximum liability referred to in 1, the Guarantor hereby undertakes to pay the CCT the sum due and payable upon receipt of the documents identified in 4.1 to 4.2:*
 - 4.1 *A copy of a first written demand issued by the CCT to the Supplier stating that payment of a sum which is due and payable has not been made by the Supplier in terms of the Contract and failing such payment within seven (7) calendar days, the CCT intends to call upon the Guarantor to make payment in terms of 4.2;*
 - 4.2 *A first written demand issued by the CCT to the Guarantor at the Guarantor's physical address with a copy to the Supplier stating that a period of seven (7) days has elapsed since the first written demand in terms of 4.1 and the sum has still not been paid.*
5. *Subject to the Guarantor's maximum liability referred to in 1, the Guarantor undertakes to pay to the CCT the Guaranteed Sum or the full outstanding balance upon receipt of a first written demand from the CCT to the Guarantor at the Guarantor's physical address calling up this Guarantee / Performance Security, such demand stating that:*
 - 5.1 *The Contract has been terminated due to the Supplier's default and that this Guarantee/Performance Security is called up in terms of 5; or*
 - 5.2 *a provisional or final sequestration or liquidation court order has been granted against the Supplier and that the Guarantee/Performance Guarantee is called up in terms of 5; and*

- 5.3 *The aforesaid written demand is accompanied by a copy of the notice of termination and/or the provisional/final sequestration and/or the provisional liquidation court order.*
- 6. *It is recorded that the aggregate amount of payments required to be made by the Guarantor in terms of 4 and 5 shall not exceed the Guarantor's maximum liability in terms of 1.*
- 7. *Where the Guarantor has made payment in terms of 5, the CCT shall upon the termination date of the Contract, submit an expense account to the Guarantor showing how all monies received in terms of this Guarantee/Performance Security have been expended and shall refund to the Guarantor any resulting surplus. All monies refunded to the Guarantor in terms of this Guarantee/Performance Security shall bear interest at the prime overdraft rate of the CCT's bank compounded monthly and calculated from the date payment was made by the Guarantor to the CCT until the date of refund.*
- 8. *Payment by the Guarantor in terms of 4 or 5 shall be made within seven (7) calendar days upon receipt of the first written demand to the Guarantor.*
- 9. *The CCT shall have the absolute right to arrange its affairs with the Supplier in any manner which the CCT may deem fit and the Guarantor shall not have the right to claim his release from this Guarantee /Performance Security on account of any conduct alleged to be prejudicial to the Guarantor.*
- 10. *The Guarantor chooses the physical address as stated above for the service of all notices for all purposes in connection herewith.*
- 11. *This Guarantee/Performance Security is neither negotiable nor transferable and shall expire in terms of 2, where after no claims will be considered by the Guarantor. The original of this Guarantee / Performance Security shall be returned to the Guarantor after it has expired.*
- 12. *This Guarantee/Performance Security, with the required demand notices in terms of 4 or 5, shall be regarded as a liquid document for the purposes of obtaining a court order.*
- 13. *Where this Guarantee/Performance Security is issued in the Republic of South Africa the Guarantor hereby consents in terms of Section 45 of the Magistrate's Courts Act No 32 of 1944, as amended, to the jurisdiction of the Magistrate's Court of any district having jurisdiction in terms of Section 28 of the said Act, notwithstanding that the amount of the claim may exceed the jurisdiction of the Magistrate's Court.*

Signed at

Date

Guarantor's signatory (1)

Capacity

Guarantor's signatory (2)

Capacity

Witness signatory (1)

Witness signatory (2)

Annexure D - Pro Forma Advance Payment Guarantee (NOT APPLICABLE)

ADVANCE PAYMENT GUARANTEE

GUARANTOR DETAILS AND DEFINITIONS

"Guarantor" means:

Physical address of guarantor:

"Supplier" means:

"Contract Sum" means: *The accepted tender amount (INCLUSIVE of VAT) of R*

Amount in words:

"Contract" means: *The agreement made in terms of the Form of Offer and Acceptance and such amendments or additions to the Contract as may be agreed in writing between the Parties.*

"Plant and materials" means: *The Plant and materials in respect of which an advance payment prior to manufacture is required, which the CCT has agreed may be subject to advance payment, such Plant and materials being listed in the Schedule of Plant and materials.*

"Schedule of Plant and materials" means: *A list of Plant and materials which shows the value thereof to be included in the Guaranteed Advance Payment Sum.*

"Guaranteed Advance Payment Sum" means: *The maximum amount of R.....*

Amount in words:

1. *The Guarantor's liability shall be limited to the amount of the Guaranteed Advance Payment Sum.*
2. *The Guarantor's period of liability shall be from and including the date of issue of this Advance Payment Guarantee and up to and including the termination of the Contract or the date of payment in full of the Guaranteed Advance Payment Sum, whichever occurs first.*
3. *The Guarantor hereby acknowledges that:*
 - 3.1 *any reference in this Advance Payment Guarantee to the Contract is made for the purpose of convenience and shall not be construed as any intention whatsoever to create an accessory obligation or any intention whatsoever to create a suretyship;*
 - 3.2 *Its obligation under this Advance Payment Guarantee is restricted to the payment of money.*
4. *Subject to the Guarantor's maximum liability referred to in 1, the Guarantor hereby undertakes to pay the CCT the sum advanced to the Supplier upon receipt of the documents identified in 4.1 to 4.2:*
 - 4.1 *A copy of a first written demand issued by the CCT to the Supplier stating that payment of a sum advanced by the CCT has not been repaid by the Supplier in terms of the Contract ("default") and failing such payment within seven (7) calendar days, the CCT intends to call upon the Guarantor to make payment in terms of 4.2;*
 - 4.2 *A first written demand issued by the CCT to the Guarantor at the Guarantor's physical address with a copy to the Supplier stating that a period of seven (7) calendar days has elapsed since the first written demand in terms of 4.1 and the sum advanced has still not been repaid by the Supplier.*
5. *Subject to the Guarantor's maximum liability referred to in 1, the Guarantor undertakes to pay to the CCT the Guaranteed Advance Payment Sum or the full outstanding balance not repaid upon receipt of a first written demand from the CCT to the Guarantor at the Guarantor's physical address calling up this Advance Payment Guarantee, such demand stating that:*

- 5.1 *the Contract has been terminated due to the Supplier's default and that this Advance Payment Guarantee is called up in terms of 5; or*
- 5.2 *a provisional or final sequestration or liquidation court order has been granted against the Supplier and that the Advance Payment Guarantee is called up in terms of 5; and*
- 5.3 *The aforesaid written demand is accompanied by a copy of the notice of termination and/or the provisional/final sequestration and/or the provisional liquidation court order.*
- 6. *It is recorded that the aggregate amount of payments required to be made by the Guarantor in terms of 4 and 5 shall not exceed the Guarantor's maximum liability in terms of 1.*
- 7. *Payment by the Guarantor in terms of 4 or 5 shall be made within seven (7) calendar days upon receipt of the first written demand to the Guarantor.*
- 9. *The CCT shall have the absolute right to arrange its affairs with the Supplier in any manner which the CCT may deem fit and the Guarantor shall not have the right to claim his release from this Advance Payment Guarantee on account of any conduct alleged to be prejudicial to the Guarantor.*
- 10. *The Guarantor chooses the physical address as stated above for the service of all notices for all purposes in connection herewith.*
- 11. *This Advance Payment Guarantee is neither negotiable nor transferable and shall expire in terms of 2, where after no claims will be considered by the Guarantor. The original of this Guarantee shall be returned to the Guarantor after it has expired.*
- 12. *This Advance Payment Guarantee, with the required demand notices in terms of 4 or 5, shall be regarded as a liquid document for the purposes of obtaining a court order.*
- 13. *Where this Guarantee/Performance Security is issued in the Republic of South Africa the Guarantor hereby consents in terms of Section 45 of the Magistrate's Courts Act No 32 of 1944, as amended, to the jurisdiction of the Magistrate's Court of any district having jurisdiction in terms of Section 28 of the said Act, notwithstanding that the amount of the claim may exceed the jurisdiction of the Magistrate's Court.*

Signed at

Date

Guarantor's signatory (1)

Capacity

Guarantor's signatory (2)

Capacity

Witness signatory (1)

Witness signatory (2)

Approved Financial Institution as at 13 August 2025:

1.1 National Banks

ABSA Bank Limited
Firstrand Bank Limited
Investec Bank Limited
Nedbank Limited
Standard Bank of South Africa Limited

1.2 International Banks (with branches in South Africa)

Barclays Bank PLC Citibank NA
Credit Agricole Corporate and Investment Bank HSBC Bank PLC
JPMorgan Chase Bank Societe Generale Standard Chartered Bank

1.3 Insurance Companies

American International Group Inc (AIG)
Bryte Insurance Company Limited Coface SA
Compass Insurance Company Limited
Credit Guarantee Insurance Corporation of Africa Limited
Guardrisk Insurance Company Limited
Hollard Insurance Company Limited
Infiniti Insurance Limited
Lombard Insurance Company Limited
Old Mutual Alternative Risk Transfer Insure Limited (OMART Insure)
New National Assurance Company Limited
PSG Konsult Ltd (previously Absa Insurance)
Regent Insurance Company Limited
Renasia Insurance Company Limited
Santam Limited

Annexure F - Tender Returnable Documents

Schedule F.1: Contract Price Adjustment

1. TENDER CONDITIONS

- 1.1 The Contract Price Adjustment (CPA) mechanism and/or provisions relating to Rate of Exchange (RoE) Variation, contained in this schedule is compulsory and binding on all Tenderers/Suppliers and this schedule (the parts relevant to the particular tender) must be completed by all Tenderers / Suppliers.
- 1.2 Tenderers/Suppliers are not permitted to amend, vary, alter or delete this schedule or any part thereof unless otherwise stated in this schedule.
- 1.3 Tenderers are not permitted to offer fixed and firm prices except as provided for in the Price Schedule.

2. CPA PROVISIONS SELECTION

- 2.1 The prices stipulated on the Price Schedule are subject to adjustment as set out below.
- 2.2 Tenderer to indicate the specific CPA and/or RoE provisions applicable to their bid by marking the relevant checkboxes below. Tenderers to note that the CPA and/or RoE provisions are not exclusive and multiple CPA Types can exist if the bid contains both local and foreign exchange based pricing. In such cases the CPA and/or ROE provision applies only to that particular portion of the tendered price.
- 2.3 The CPA and/or RoE provisions applicable to this tender and resulting contract are to be indicated below by checking the relevant boxes (with multiple selections only where indicated permissible):

	<u>Indicate option</u> ↓	<u>CPA Type</u>	<u>Period</u>	<u>Refer to Section</u>
A	<input type="checkbox"/> N/A	FIRM PRICES as per Pricing Schedule	Annual	<i>Pricing Schedule C.4 and Schedule F.1 (A)</i>
<u>LOCAL (RSA) TENDER CONTENT:</u>				
EITHER				
B	<input type="checkbox"/> N/A	SEIFSA Index based CPA	Monthly / Quarterly	<i>Schedule F.1 (B)</i>
OR				
C	<input type="checkbox"/>	Pricelist / Quotation Based CPA	Ad-Hoc	<i>Schedule F.1 (C)</i>
OR				
D	<input type="checkbox"/>	STATS SA CPI Index Based CPA	Annually	<i>Schedule F.1 (D)</i>
OR/AND				
E	<input type="checkbox"/> N/A	Sectorial Determination 1: Contract Cleaning Sector	Annually	<i>Schedule F.1 (E)</i>
OR				
E	<input type="checkbox"/> N/A	Sectorial Determination 6: Private Security Sector	Annually	<i>Schedule F.1 (E)</i>
<u>IMPORTED GOODS AND / OR COMPONENTS (IF APPLICABLE)</u>				
F	<input type="checkbox"/>	ROE based CPA	Ad-Hoc	<i>Schedule F.1 (F)</i>
AND (IF REQUIRED), EITHER				
G	<input type="checkbox"/> N/A	Pricelist / Quotation based CPA	Ad-Hoc / Periodic	<i>Schedule F.1 (G)</i>
OR				

H	N/A	Overseas CPI / PPI index based CPA	Ad-Hoc / Periodic	<i>Schedule F.1 (H)</i>
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2.4 CPA and/or RoE provisions marked as **not applicable** is not relevant and will not apply to this tender and resulting contract.

TENDERERS TO INDICATE IN TABLE 1 WHICH CPA MECHANISM IS APPLICABLE TO A RELEVANT GROUP AND ITEMS

3. CONTRACT CPA APPLICATIONS AND ADMINISTRATION

3.1 Any claim for variation in the contract price (either CPA or RoE adjustments) must be submitted in writing:

- i. By letter to: Director (Zolile Basholo; zolile.basholo@capetown.gov.za), City of Cape Town, P O Box 655, Cape Town, 8000 or
- ii. By email to: ansie.smith@capetown.gov.za

at least 14 days prior to the month upon which the adjustment would become effective in the case of prices being set in advance, and as soon as relevant indices are available and no later than 60 days after the date of delivery of goods or the completion of the project (i.e. date of issue of the Taking-Over Certificate, if applicable) in the case of adjustments being claimed retrospectively for Goods or Services. The latter case is only applicable where specifically provided for in the CPA provisions.

- 3.2 When submitting a request for CPA and/or RoE adjustment the Supplier shall indicate the Rand Value claimed for each item listed on C.4 - Price Schedule, clearly indicating the item number as per C.4 - Price Schedule. Percentage increases will not be considered. A mere notification of a request for CPA without stating the new price claimed for each item shall, for the purpose of this clause, not be regarded as a valid request.
- 3.3 The CCT reserves the right to request the Supplier to submit auditor's certificates or such other documentary proof as it may require in order to verify a claim for CPA or RoE adjustments. Price adjustments will not be processed until such time as the Supplier submits such auditor's certificates or other documentary proof to the CCT. Should the Supplier fail to submit the auditor's certificates or other documentary proof to the CCT within 30 days from the written request, it shall be presumed that the Supplier has abandoned his request.
- 3.4 The CCT reserves the right to withhold payment of any claim for adjustment while only provisional figures are available and until such time as the final (revised) figures are issued by the relevant authority.
- 3.5 The CCT will confirm in writing once processing of the CPA or RoE adjustments have been completed including the effective date of the adjustments.
- 3.6 Where pricelist-based and other non-index based CPA requests are investigated and found to be not reasonable and market related, the CCT reserves the right to reject such requests. Where disputes arise with respect to such rejected requests the CCT reserves the right to procure the Goods from other available Suppliers until such time as the dispute is resolved.
- 3.7 Unless indicated otherwise in the relevant schedule below, all Purchase Orders issued on or after the effective date of the adjustment shall be issued at, and the Goods or Services supplied, invoiced and paid for at the adjusted prices. The relevant adjustment will not be applied to Purchase Orders issued prior to the effective date.

Or

Unless indicated otherwise in the relevant schedule below, the adjustment will apply to all Purchase Orders or Purchase Order lines where the delivery date is on or after the effective date of the adjustment.

F.1 (A) – FIRM PRICES

NOT APPLICABLE

F.1 (B) LOCAL SOUTH AFRICAN CONTENT – SEIFSA INDICES

NOT APPLICABLE

TABLE F.1 (B).1: SEIFSA BASE MATERIAL AND LABOUR PRICES
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NOT APPLICABLE

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

NOT APPLICABLE

F.1 (C) LOCAL SOUTH AFRICAN CONTENT - SUPPLIER/ MANUFACTURER PRICE LIST/QUOTATIONS

1. Tenderers /Suppliers that are not the manufacturer or original supplier of the tendered goods and whose tender prices are based on the price list/quotation of another company (manufacturer or other supplier) may apply Supplier / Manufacturer Pricelist / Quotation based CPA.
2. In such cases the Tenderer is required to submit with his tender a copy of the original Supplier / Manufacturer Pricelist / Quotation upon which his tender prices are based. Such pricelist / Quotation is required to be on the Letterhead of the Supplier / Manufacture, is to be dated, referenced and signed, and is to provide clear reference to the tender number and is required to clearly reference each item quoted to the respective Tender Item Number indicated in C.4 Price Schedule.
3. The tenderer shall further confirm the Manufacturer / supplier, Quotation date and reference number and applicable tender Items by completing Table F.1(C).1 below.

Table F.1(C).1: Price Schedule information for Manufacturers/Suppliers Price List(s)/Quotation

Manufacturer/ Supplier Name	Price List Information		
	Price List/Quotation Date.	Price List/Quotation Reference Number	Pricelist applicable to Items as per C.4 Price Schedule

4. During the contract period, the Tenderer (now Supplier) must submit the request for price adjustment based on increases in pricelists of manufacturers/suppliers prior to the effective date of the increase in the pricelist.
5. The effective date of any price adjustment granted will be the first day of the month following the month during which the fully substantiated application for contract price adjustment is submitted or, by agreement between the Tenderer/Supplier and the CCT, a subsequent date on which the price adjustment will become effective.
6. In instances where the Supplier's price adjustment claimed is less than entitled, the lesser price will be accepted.
7. Purchase orders placed prior to the effective date of any price increase shall be placed at the previously agreed price, not the claimed adjusted price.
8. Only the difference in source supplier / manufacturer pricelist (actual cost, not percentage) may be adjusted and under no circumstances may the Tenderer/Supplier increase their profit margin.
9. The Tenderer/Supplier shall, when submitting claims for contract price adjustment, submit all of the documentation indicated below a minimum of two weeks prior to the effective date of the contract price adjustment:
 - a) Copies of price lists upon which original tender prices were based (refer to clause 2, Table F.1(C).1 above) clearly indicating the item(s) according to C.4 Price Schedule.

- b) The new price list (*from the same Supplier / Manufacturer as originally tendered*) on the relevant manufacturer/suppliers letterhead (with pamphlets, brochures and e-mail communication) clearly indicating the item(s) according to C.4 Price Schedule.
 - c) Detailed calculations indicating how the “adjusted” price was calculated. The calculations must be submitted in Excel, together with a signed, “PDF” version of the Excel spreadsheet. The example below – Table F.1(C).2, is what is required.
 - d) A covering letter on the Supplier’s letterhead requesting the CPA with the effective date of the claim.
10. The CCT will consider the request and either refer the request back for correction or additional information or approve the request.
 11. The CCT will assess such pricelist based CPA claims against market pricing and indices and other input pricing indicators and will only approve such claims that are confirmed to be reasonable and market related with reference to the source pricing information provided with the tender and with the CPA application
 12. Approval of the CPA request including confirmation of the effective date, will be communicated to the Supplier in writing together with a list of the approved adjusted rates. The effective date will be as per clause 3 above.
 13. The successful Tenderer/Supplier shall immediately upon notification of the commencement date of contract submit written application for approval of any adjusted unit prices for the Goods that may have been notified by the Supplier / Manufacturer of the Goods, together with the required supporting documentation. This application will be assessed in accordance with the process laid out above in order to determine approved contract prices at the commencement of the contract.
 14. Failure to submit such application within two working weeks of commencement of contract shall result in the tendered unit prices being applied for initial orders placed following commencement of the contract.
 15. In the event of a Supplier changing their Supplier / Manufacturer during the tenure of the contract, no request for price variations will be considered unless the Supplier has obtained prior approval from the City for the change of Supplier / Manufacturer. Such approval shall include technical approval by the Engineer of the goods supplied by the replacement Supplier / Manufacturer. Technical approval by the Engineer shall be a prerequisite for any change of Supplier / Manufacturer.

Table F.1(C).2 – Pro Forma Table for Adjustments in price where the Supplier is not the Manufacturer)

C.4 Price Schedule Item No.	Original Tender Price	Previous and New Price List Information					New Contract Price (Excl. VAT)
		Manufacturer/Supplier	Material no.	Price as per previous Manufacturer/Supplier Price List (Excl. Vat) Price List Date: _____ (B)	Price as per new Supplier/Manufacturer Price List (Excl. Vat) Price List Date: _____ (C)	Difference between the previous and new manufacturer Price list (C)-(B) (D)	
	(A)						(A)+(D)

**When submitting the first request for price adjustment, use the tender price as per C.4 Price Schedule.*

F.1 (D) LOCAL SOUTH AFRICAN CONTENT - STATS SA CONSUMER PRICE INDEX
--

1. Applicable where the Tenderer/Suppliers has indicated their tendered prices are subject to adjustment based on changes in the Statistics South Africa (STATS SA) Consumer Price Indices.
2. A minimum of 10% of the tender price as per C.4 Pricing Schedule shall be fixed and free of variation for the duration of the contract.
3. A total of 90% of the tender price as per C.4 Pricing Schedule shall be adjusted annually in accordance with clause 5 below.
4. The Contract Price(s) shall remain FIRM for the first 12 calendar months from date of Commencement Date of Contract and Suppliers are not permitted to requests CPA during this period.
5. The Contract Price(s) will thereafter be subject to adjustment annually based on the average percentage of change over 12 months as published by STATS SA: Consumer Price Index (P0141–Table B2 – CPI headline year-on-year rates) as follows:
 - 5.1 CPA applicable from the start of the 13th month to the end of the 24th month calculated as follows:
 - a) The base month for the price adjustment being three (3) calendar months prior to Commencement Date of Contract; and
 - b) The end month shall be three (3) calendar months prior to the 12th month.
 - 5.2 CPA applicable from the start of the 25th month to end of the 36th month calculated as follows:
 - a) The base month for the price adjustment shall be three (3) calendar months prior to the 13th month; and
 - b) The end month shall be three (3) calendar months prior to 24th month.
 - 5.3 The average CPI percentage will be calculated using the base month to the end month (both included) divided by the number of months. (12 months totalled/12 to achieve the average CPI)
6. 6 Subject to prior approval by the CCT delegated authority, in the event of any extension of the contract period, the CPA applicable beyond month 36th of the contract will follow the same principle in determining the base month (i.e. 3 calendar months prior to 25th month) and end date (3 calendar months prior to 36th month) as outlined above.

F.1. (E) LOCAL SOUTH AFRICAN CONTENT – SECTORIAL DETERMINATION

NOT APPLICABLE

**F.1. (F) GOODS AND/OR COMPONENTS IMPORTED FROM OUTSIDE OF SOUTH AFRICA
RATE OF EXCHANGE PRICE VARIATIONS**

1. Subject to the above, when tendered prices of certain items in C.4 Price Schedule are subject to adjustment for changes in the cost of goods and/or components imported from outside of South Africa, the Tenderer must (as part of the bid submission) provide a list of such items and other information as required in Table F.1 (F).2 below and include it in the bid submission.
2. Only tenderers who are the direct importer of the goods may claim rate of exchange price variations.

Table F.1 (F).1: Information required for prices subject to Rate of Exchange adjustments

Exchange Rate on which tender is based:	_____ 1 : Rand _____
Exchange Rate on which tender is based: (if more than one currency)	_____ 1 : Rand _____
Exchange Rate on which tender is based: (if more than one currency)	_____ 1 : Rand _____
Name of Bank	
Date of quoted rate of exchange	
Documentation relevant to calculation of adjustments based on Rate of Exchange (Mark with "x")	
Bill of Lading	
Waybill	
Customs invoice	
Other: _____	

TABLE F.1 (F).2: Price Basis for Imported Resources

C.4 Price Schedule Detail		Rand Value Calculation for Foreign Content (FOB)			Customs Surcharge		Customs Duty			Rand Value for South African Content (FOR)	Total Tender Price in Rand of (C) + (D) + (E) + (F) included in Price Schedule C.4
C.4 Price Schedule Item No.	Description of Resources	Value in Foreign Currency denomination	Rate of Exchange as at Base Date*	Value in Rand for Foreign currency content (A) x (B)	%	Rand	%	Rand	Customs Duty Tariff Reference	Value in Rand for South African Content	
		(A)	(B)	(C)		(D)		(E)		(F)	(G)

* Base Date: 7 (seven) calendar days before tender closing.

3. Any items/resources not inserted in Table F.1 (F).2 above, are deemed to be manufactured / supplied in South Africa and is not subject to adjustment in terms of variation in rate of exchange.
4. The price adjustment for variations in the cost of plant and materials imported from outside of South Africa shall be based on the information contained on the schedule titled "Price Basis for Imported Resources" (Table F.1 (F).2). The Rand value of goods and components comprising entirely or partly imported content that is inserted on the Table F.1(F).2 titled "Price Basis for Imported Resources" (column (G)) shall be the rate tendered in the Pricing Schedule C.4, and shall be the value in foreign currency (column (A)) converted to South African Rand (column (C)) by using the closing spot selling rate on the Base Date (seven calendar days before tender closing date) rounded to the second decimal place (column (B)), to which shall be added

any Customs Surcharge and Customs Duty applicable at that date (columns (D) and (E)) and any South African manufactured or added content (column (F)). Any mark-up by the Tenderer or other costs not detailed above shall be entirely contained within the South African Content (Column (F)).

5. Column A of Table F.1 (F).2 shall detail the actual quotation for the imported Goods or components, and shall be substantiated by the original source quotation for such Goods or components. (Source quotation from foreign supplier/manufacturer, see Schedule F.1 (G), Table F.1 (G).1 below). No Supplier mark-up on the foreign currency value of such imported Goods or components is permissible. All Supplier mark-up shall be included in the South African content, Column F of Table F.1 (F).2 above.
6. Based on the evidence provided in Clause 5 above, the value in Rand inserted in column (C) on the schedule titled "Price Basis for Imported Resources" shall be recalculated using the forward cover rate obtained, and any increase or decrease in the Rand value defined in this clause shall be adjusted accordingly, subject to Clause 7 below.
7. The adjustments shall be calculated upon the value in foreign currency in the Supplier's forward cover contract, provided that, should this value exceed the value in foreign currency inserted in column (A) of the schedule titled "Price Basis for Imported Resources", then the value in column (A) shall be used (or any adjusted value approved in accordance with Schedule F.1 (G) below).
8. Any increase or decrease in the Rand value between the amounts of Customs Surcharge and Customs Duty inserted in on the schedule titled "Price Basis for Imported Resources" and those amounts actually paid to the Customs and Excise Authorities, which are due to changes in the percentage rates applicable or to the foreign exchange rate used by the authorities, shall be adjusted accordingly.
9. The Tenderer shall state the Customs Duty Tariff Reference applicable to each item and the Supplier shall advise the CCT's Agent of any changes which occur.
10. Suppliers shall take out Forward Cover covering the foreign exchange component of the cost of any imported portion of the Goods ordered on each purchase order issued by the Employer.
11. The process to be followed by Suppliers for claims for Rate of Exchange Variations shall be as follows:
 - a) The Supplier shall within seven working days from the date of receipt of the purchase order arrange for cover or recovering forward by way of a contract with a bank which is an authorised foreign exchange dealer, the foreign exchange component of the cost of any imported goods and components inserted by the Tenderer on the scheduled titled "Price Basis for Imported Resources" (Table F.1 (F).2), and submit such Forward Cover quotation to the City for approval.
 - b) Upon receipt of the quotation for Forward Cover from the bank, the Supplier must forward the quote ideally, within 15 minutes of receiving it from their banker to the CCT: CPA.Request@capetown.gov.za and Contract Manager: ansie.smith@capetown.gov.za. This is to ensure that the time difference from generation of the quotation for Forward Cover to finalising the Forward Cover with the Bank, is kept to a minimum due to the change in the exchange rate throughout the day.
 - c) The Contract Manager will forward the quotation to the CCT Treasury Department immediately for their consideration and approval. The cut-off time for receipt of quotations for Forward Cover will be 14h00. It must be noted that if this deadline will not be achieved, it is recommended that the quotation process be undertaken on the following day which should fall within the 7 days of receipt of the purchase order.
 - d) Only once the Forward Cover quotation rate has been approved by CCT Treasury Department, may the Supplier finalise the Forward Cover contract with their bank at the rate approved by the CCT Treasury Department for that Purchase Order and forward a copy of the contract to the CCT via email: CPA.Request@capetown.gov.za and Contract Manager: ansie.smith@capetown.gov.za
 - e) The Forward Cover quotation envisaged above shall have the CCT purchase order number and a Forward Cover Contract (FCC) Value Date that is directly based upon the required delivery date for the imported Goods or components necessary in order to meet the Contract Delivery Period. Future FCC Value Dates beyond the Contract Delivery Period shall not be acceptable.
12. On delivery of the goods to the City the Supplier shall submit the following documentation to the CCT via

email: CPA.Request@capetown.gov.za and Contract Manager: ansie.smith@capetown.gov.za :

- a) The Bill of Lading/Waybill/Customs Invoice (clearly indicating the items as identified on the purchase order).
 - b) Calculations detailing the difference in the rate of exchange at the time of entry and the date of tender. These shall be submitted on a covering letter.
 - c) The invoice / credit note for the Rate of Exchange adjustment applicable to the specific order.
13. In exceptional circumstances, and subject to the Employer's explicit approval, Rate of Exchange variations on Goods or components that are imported in bulk in advance in fulfilment of the contract requirements or to create buffer stocks, but not specifically in response to specific purchase orders placed by the Employer in accordance with the contract, shall be based upon whichever of the following two methodologies is more advantageous to the Employer:
- a) Methodology 1: A spot quotation for the Forward Cover Contract rate for the imported portion of the Goods, based upon the FCC Value Date for the particular purchase order(s), as outlined in clause 11 above.
 - b) Methodology 2: The actual Rate of Exchange cost variations incurred in fulfilment of the purchase order(s), fully substantiated by detailed Bills of Lading and Customs Invoice applicable to the particular Goods delivered. The applicable Rate of Exchange shall be the rate as defined on the Customs Invoice for the imported Goods.
 - c) Determination of the more advantageous methodology shall be conducted and approved following delivery of the imported Goods or components to the Supplier but prior to delivery of the Goods to the Employer.
14. Approval of the process detailed in Clause 13 and sub-clauses above shall be on an order by order basis and application shall be submitted, with required supporting documents, immediately on receipt of the relevant purchase order(s).

**F.1. (G) GOODS AND/OR COMPONENTS IMPORTED FROM OUTSIDE OF SOUTH AFRICA -
MANUFACTURER/SUPPLIER PRICE/QUOTATION LIST**

NOT APPLICABLE

**F.1. (H) GOODS AND/OR COMPONENTS IMPORTED FROM OUTSIDE OF SOUTH AFRICA - BASED
ON FOREIGN INDICES**

NOT APPLICABLE

TABLE 1: CPA MECHANISM PER GROUP AND ITEM

Group 1		MPL	CPI	ROE
DESCRIPTION				
1	Ammonium Molybdate			
2	Barium Diphenyl Amine Sulphonate			
3	di-Sodium Tetraborate			
4	Potassium Iodide			
5	Sodium Carbonate			
6	Sodium hydrogen Orthophosphate Anhydrous			
7	Tris (hydromethyl) Aminomethane			
8	Potassium Iodate			
9	Iodine (crystals)			
GROUP 2		MPL	CPI	ROE
DESCRIPTION				
1	Ammonium chloride (NH ₄ Cl) ≥99.5%			
2	Oxalic acid 98%			
3	Copper Sulphate			
4	Zinc Sulphate			
5	Sulphanilimide ≥98%			
6	Hydrazine sulfate salt. ACS reagent, ≥99.0%			
7	Sodium dodecyl sulfate. ≥98.5%			
8	4-Aminoantipyrine			
9	Ammonium acetate. ≥99.99%			
10	Ammonium formate. ≥99.995%			
11	Ferric Cyanide (98%)			
12	Isonicotinic Acid (98%)			
13	Chloramine-T (98%)			
14	Magnesium Sulphate Heptahydrate			
Group 3		MPL	CPI	ROE
DESCRIPTION				
1	4 Amino 2.3 Dimethyl 1 Phenyl			
2	Ammonium Peroxodisulfate			
3	Antimony Potassium Tartrate			
4	Barbituric Acid			
5	Mercuric Sulphate			
5a	Mercuric Sulphate			
6	Mercuric Thiocyanate			
6a	Mercuric Thiocyanate			
7	Phenol Crystals			
8	Potassium Ferric Cyanide			
9	Potassium Hydroxide			
10	Potassium Peroxodisulfate			
11	Potassium Sodium Tartrate			
12	Silver Sulphate			
13	Sodium Hydrogen Carbonate			
14	Sodium Nitroprusside			
15	Sodium Salicylate			
16	Stannous Chloride			

17	Potassium Thiocyanate			
18	Iron(III) Nitrate Nonahydrate			
18a	Iron(III) Nitrate Nonahydrate			
	Group 4	MPL	CPI	ROE
	DESCRIPTION			
1	Barium Chloride			
1a	Barium Chloride			
2	Potassium Cyanide			
3	Potassium Nitrate			
4	Potassium Nitrite Crystals			
4a	Potassium Nitrite Crystals			
5	Potassium Chloride			
6	Potassium Flouride			
7	Potassium Sulphate			
8	Sodium Flouride			
9	Sodium Nitrate			
10	Sodium Nitrite			
11	Sodium Chloride			
12	Sodium Sulphate			
	Group 5	MPL	CPI	ROE
	DESCRIPTION			
1	Ammonium Ferrous Sulphate Hexahydrate			
2	Ascorbic Acid - C ₆ H ₈ O ₆ =176,13 (Must not be vitamen C)			
3	Di-Sodium Hydrogen Phosphate Anhydrous			
4	Ethylene Diamine Tetra-Acetic Acid (EDTA) Disodium Salt -			
5	N-1(1-Naphthyl) Ethylenediamine Dihydrochloride 50G			
5a	N-1(1-Naphthyl) Ethylenediamine Dihydrochloride 100G			
6	Potassium Dichromate			
7	Potassium Dihydrogen Phosphate			
8	Potassium Permanganate			
9	Potassium Hydrogen Phthalate			
10	Silver Nitrate 100G			
10a	Silver Nitrate 500G			
11	Sodium Hydroxide Pellets			
	Group 6	MPL	CPI	ROE
	DESCRIPTION			
1	Bromothymol Blue Indicator			
2	Bromocresol Green Indicator			
3	Eriochrome Black T Indicator			
4	Methyl Red Indicator			
5	Phenolphthalein Indicator			
6	Starch Soluble			
7	Phenol Red			
	Group 7	MPL	CPI	ROE
	DESCRIPTION			
1	Sodium Thiosulphate penthydrate			
2	Sodium Thiosulphate (NaSCN)			
	*purity greater than or equal to 99.99% for trace metals basis			

	Group 8	MPL	CPI	ROE
	DESCRIPTION			
1	Potassium Chloroplatinate K ₂ PtCl ₆			
2	Cobal Chloride anhydrous			
3	Cobalt Chloride Hexahydrate			
	Group 9	MPL	CPI	ROE
	DESCRIPTION			
1	1 x N.N DIETHYL 1.4 PHENYLENEDIAMMONIUM SULFATE			
	Group 10	MPL	CPI	ROE
	DESCRIPTION			
1	Acetone (AR Grade)			
2	Acetone (Chromatography Grade >99.90 %)			
3	Acetonitrile HPLC grade			
4	Ammonia Solution 25%			
5	Dichloromethane AR grade			
6	Ethanol (Rectified) (96%)			
7	Ethanol 96%			
8	Ethanol (99.9% for GC analysis); Evaporation residue ≤2.0 mg/l; Water ≤0.1 %			
9	Formaldehyde - H.CHO 34 %			
10	Hexane (AR)			
11	Hexane (LC or GC grade, min 98.5% purity); Residue on Evaporation < 0.0001 %			
	Water (by Karl Fischer) < 0.01 %			
12	Isoproponol (Suitable for LC-MS; Intensity of background; mass peak based on reserpine (APCI/ESI positive) ≤10 ppb; Suitable for LC-MS; Intensity of background mass peak based on reserpine (APCI/ESI negative) ≤ 20 ppb			
13	Methanol (AR)			
14	Methanol (HPLC grade);			
15	Methylated Spirits (Clear)			
16	Dichloromethane			
	Group 11	MPL	CPI	ROE
	DESCRIPTION			
1	Pyridine			
2	Ammonium hydroxide solution.			
3	Formic acid, AR Grade,			
	Group 12	MPL	CPI	ROE
	DESCRIPTION			
1	Cleaning Solution			
2	Disinfectant			
	Group 13	MPL	CPI	ROE
	DESCRIPTION			
1	Bleach			
	Group 14	MPL	CPI	ROE
	DESCRIPTION			
1	Fluorescent Dye powder			
	Group 15	MPL	CPI	ROE

	DESCRIPTION			
1	Potassium Chloride Standard - 0.1M KCl			
2	Potassium Chloride Standard - 3M KCl			
	Group 16	MPL	CPI	ROE
	DESCRIPTION			
1	pH Buffer 4.00 Standard			
2	ph Buffer 6.00 Standard			
3	pH Buffer 7.00 Standard			
4	pH Buffer 9.00 Standard			
5	Potassium Chloride (KCl) Conductivity Standard 12.87 mS/cm \pm 0.1 mS/cm (25.0 \pm 0.2 ^o C)			
	Group 17	MPL	CPI	ROE
	DESCRIPTION			
1	pH Buffer 4.00 Standard (Sachets)			
2	pH Buffer 7.00 Standard (Sachets)			
3	pH Buffer 9.00 Standard (Sachets)			
4	pH Buffer 12.00 Standard (Sachets)			
	Group 18	MPL	CPI	ROE
	DESCRIPTION			
1	Alkalinity Reagent 1 for Alkalinity Analysis on the Discreet Analyzer			
2	Alkalinity Reagent 2 for Alkalinity Analysis on the Discreet Analyzer			
3	Ammonia Reagent 1 for Ammonia Analysis on the Discreet Analyzer			
4	Ammonia Reagent 2 for Ammonia Analysis on the Discreet Analyzer			
5	Ammonium Standard (as N) for Ammonia Analysis on the Discreet Analyzer			
6	Chloride Reagent 1 for Chloride Analysis on the Discreet Analyzer			
7	Chloride Standard (as Cl) for Chloride Analysis on the Discreet Analyzer			
8	Chromium (VI) Reagent 1 for Chromium (VI) Analysis on the Discreet Analyzer			
9	Alizarin Fluorine Blue Reagent for Fluoride Analysis on the Discreet Analyzer			
10	Acetate buffer reagent for Fluoride Analysis on the Discreet Analyzer			
11	Cerous nitrate reagent for Fluoride Analysis on the Discreet Analyzer			
12	Fluoride standard for Fluoride Analysis on the Discreet Analyzer			
13	Total Organic Nitrogen (TON) reagent 1 for TON analysis on the discrete analyzer			
14	Total Organic Nitrogen (TON) reagent 2 for TON analysis on the discrete analyzer			
15	Total Organic Nitrogen (TON) reagent 3 for TON analysis on the discrete analyzer			
16	Nitrite (as N) standard for Nitrite Analysis on the Discreet Analyzer			
17	Phosphate reagent 1 for phosphate Analysis on the Discreet Analyzer			
18	Phosphate reagent 2 for phosphate Analysis on the Discreet Analyzer			

19	Phosphate standard for phosphate Analysis on the Discreet Analyzer			
20	silica reagent 1 for silica Analysis on the Discreet Analyzer			
21	silica reagent 2 for silica Analysis on the Discreet Analyzer			
22	silica reagent 3 for silica Analysis on the Discreet Analyzer			
23	Sulphate reagent for sulphate analysis on the Discrete Analyzer			
24	Sulphate Standard for sulphate analysis on the Discrete Analyzer			
25	Thiocyanate colour reagent for thiocyanate analysis on the Discrete Analyzer			
	Group 19	MPL	CPI	ROE
	DESCRIPTION			
1	Stabilized Formazin Turbidity Standard 1NTU			
2	Stabilized Formazin Turbidity Standard 100NTU			
3	Stabilized Formazin Turbidity Standard 1000NTU			
4	Stabilized Formazin Turbidity Standard 1NTU			
5	Stabilized Formazin Turbidity Standard 100NTU			
6	Stabilized Formazin Turbidity Standard 1000NTU			
7	Turbidity Calibration Set (Range 0 to 700NTU)			
8	Turbidity Calibration Set (Range 0 to 4000NTU)			
	Group 20	MPL	CPI	ROE
	DESCRIPTION			
1	Geosmin (100 µg/ml in methanol) in sealed vial			
2	2-Methylisoborneol (100 µg/ml in methanol) in sealed vial			
3	Geosmin and 2-methylisoborneol in methanol (1mL sealed ampule)			
4	Fluorobenzene (99%)			
5	3-Octanol (98)			
6	4-bromofluorobenzene			
7	Trihalomethane Mixture containing: Bromodichloromethane, Bromoform, Chloroform, Dibromochloromethane (2000 µg/ml in methanol) in sealed vial			
8	Trihalomethanes Calibration Mix			
9	Bromoform-d. ≥99.5 atom % D, ≥99% (CP)			
10	Iodoform. 99%			
11	Halogenated volatiles mix or equivalent EPA551A			
12	BTEX Mixture Certified Reference Material			
13	BTEX Analytical Standard solution			
	Group 21: Reagents for HACH	MPL	CPI	ROE
	DESCRIPTION			
1	Ammonia TNTplus, Ultra low range (0.015 - 2.00 mg/L)			
2	Ammonia TNTplus, Low Range (1 - 12mg/L)			
3	Ammonia TNTplus, High Range (2 - 47 mg/L)			
4	Nitrate TNTplus, Low Range (0.23 - 13.5 mg/L)			
5	Nitrate TNTplus, 5 – 35mg/l			
6	Nitrate (Cadmium Reduction Reagent Set) Low Range (0.01 0.5mg/L)			
7	Nitrogen-Ammonia Set, Nessler (0.02 - 2.5mg/L)			
8	Posphorous (reactive and total) TNTplus, (0.05-1.5 mg/l)			
9	Posphorous (reactive and total) TNTplus, (1.5- 15 mg/l)			
10	Phosphate reagent powder pillows, 0.02–2.5 mg/l			
11	Nitrate reagent powder pillows, 0.3 – 30 mg/l			

12	Nitrite TNTplus. 0.6 - 6.0mg/l			
13	Free Chlorine TNTplus, 0.05 – 2.0 mg/l			
14	Total alkalinity TNTplus (25-400mg/l)			
15	s - TKN TNTplus (0-16 MG/L N)			
16	Sulphate TNTplus LR 40 - 150mg/l			
17	Alluminium TNTplus LR			
18	Iron TNTplus LR			
19	Manganese TNTplus LR			
20	Calcium TNTplus			
21	Magnesium TNTplus			
22	Potassium TNTplus			
23	Chloride TNTplus			
24	BOD TNTplus			
25	COD digestion vials (Range 3-150mg/l)			
26	COD digestion vials (Range 20-1500mg/l)			
	Group 22:	MPL	CPI	ROE
	DESCRIPTION			
1	Internal Calibration Standard for ICP-MS *Combined standard containing 10 ppm Bi, GE, In, Li6, Sc, Tb, Y preserved with 10% (v/v) Nitric Acid)			
2	Metal solution 1			
3	Metal solution 2			
4	Stock Standard (AL-ZN)			
5	Stock AQC (AL-ZN)			
6	Stock standard (CMNK)			
7	Stock AQC (CMNK)			
8	Tuning Solution			
9	Mercury standard			
10	Mercury AQC (Different batch/Lot number)			
11	CRM 1			
12	CRM 2			
13	CRM 3			
14	CRM 1 (Mercury)			
15	CRM 2 (Mercury)			
	Group 23	MPL	CPI	ROE
	DESCRIPTION			
1	Sodium Acetate Buffer (pH 4.6 +/- 0.2)			
	Group 24	MPL	CPI	ROE
	DESCRIPTION			
1	PCR-Grade water			
	Group 25	MPL	CPI	ROE
	DESCRIPTION			
1	DPD free chlorine powder pillows (PACK1000)			
1a	DPD free chlorine powder pillows (PACK100)			
	Group 26	MPL	CPI	ROE
	DESCRIPTION			
1	18 place Brand Autoclave box with 10mL Brand pipette tips			

1	0.5 ml flat-capped clear PCR tubes			
2	Non-Sterile 1.5 ml micro-centrifuge tubes			
3	Non-Sterile 2.0 ml micro-centrifuge tubes			
	Group 28	MPL	CPI	ROE
	DESCRIPTION			
1	Sterile PCR-plugged 10 ul tips			
2	Sterile PCR-plugged 20 ul tips			
3	Sterile PCR-plugged 200 ul tips			
4	Sterile PCR-plugged 1000 ul tips			
	Group 29	MPL	CPI	ROE
	DESCRIPTION			
1	Parafilm (4inch x 125 ft Roll)			
	Group 30	MPL	CPI	ROE
	DESCRIPTION			
1	Individually wrapped, plastic sterile disposable Loops 10µl			
2	Pasteur glass pipettes (230mm)			
3	Pasteur plastic pipette with bulb (3.5 ml)			
4	Microscope cover slides			
5	Standard Microscope slides			
6	Utermohl sedimentation chamber base size			
7	Weighing boats Diamond 100ml			
8	Weighing boats Diamond 30ml			
	Group 31	MPL	CPI	ROE
	DESCRIPTION			
1	Autoclavable Craft Paper			
2	Autoclave Tape			
3	Autoclave Indicator Tape			
	Group 32	MPL	CPI	ROE
	DESCRIPTION			
1	Culture test tubes			
2	Culture test tubes			
3	Test Tube Caps			
	Group 33	MPL	CPI	ROE
	DESCRIPTION			
1	3cc/60mg HLB Hydrophilic-Lipophilic-Balanced, water-wettable, reversed-phase sorbent			
2	6cc/150mg HLB Hydrophilic-Lipophilic-Balanced, water-wettable, reversed-phase sorbent			
	Group 34	MPL	CPI	ROE
	DESCRIPTION			
1a	High Performance Syringe Filters:			
1b	High Performance Syringe Filters:			
	Group 35	MPL	CPI	ROE
	DESCRIPTION			
1	Glass Fibre Filters (For use at 105 deg celcius and 550 deg celcius):			
	Group 36	MPL	CPI	ROE
	DESCRIPTION			
1	Filter paper No 1			

2	Phase separating filters			
3	Cellulose Acetate Filter Paper:			
4	Glass fibre filter paper 0.7micron			
	Group 37	MPL	CPI	ROE
	DESCRIPTION			
1	Kimwipe metal stand			
2	Drying rack – Wall mounted 72 Peg or more			
3	Culture Tubes with screw cap			
4	Glass Filtration system			
5	Glass Filtration system			
6	Wash Bottle – LDPE – 500mL			
7	Spatula - Micro – 200mm			
8	Spatula – Spoon – 200mm			
9	Rubber pipette filler			
10	Retort stands with burette clamps			
	Group 38	MPL	CPI	ROE
	DESCRIPTION			
1	pH Strips:			
	Group 39	MPL	CPI	ROE
	DESCRIPTION			
1	Polygard cartridge filter 10inch 0.5micrometer (µm)			
2	Polygard CR cartridge filter			
3	Progard T3.			
4	Progard TS2 Pretreatment Pack			
5	Progard 2			
6	Synergy Pak 1:			
7	Progard TL1 Pretreatment Pack:			
8	Q Pak TEX:			
9	Q-Gard TL1: Polishing Cartridge:			
10	60 GPD RO CARTRIDGE			
11	75 GPD RO CARTRIDGE (2/pack)			
12	RO CART+HSG 50LPH RIOS/ELIX-L			
13	Activated carbon/charcoal cartridge			
14	Tank level sensor			
15	Tank level sensor			
	Group 40	MPL	CPI	ROE
	DESCRIPTION			
1	High Density Polyethylene (HDPE) sterile Jar white			
2	Container 180 ml with Screw Cap and affixed Label			
	Group 41	MPL	CPI	ROE
	DESCRIPTION			
1	Aluminum Test Tube Cap 15-16 mm size			
	Group 42	MPL	CPI	ROE
	DESCRIPTION			
1	Atomiser Trigger Spray Bottle			
	Group 43	MPL	CPI	ROE
	DESCRIPTION			
1	Flow cell assembly for FIA QC800			

2	630 nm Filter assembly, 1/2"			
3	880 nm Filter assembly, 1/2"			
4	660 nm Filter assembly, 1/2"			
5	tubing spool 15.24m, 0.7mm id			
6	tubing spool 15.24m, 0.5mm id			
7	Tee Assembly fitting (2/pack)			
8	Viton O-rings (25/pack)			
9	Cell/Waste flares - 13cm (2/pack)			
10	Flare, Carrier tubing - 35 cm (2/pack)			
11	Tygon tubing - 1/32 x 3/32 x 1/32			
12	Tygon tubing - 1/16 x 1/8 x 1/32			
13	Nipple - small and smooth (6/pack)			
14	Black-Black Tygon or equivalent pump tubing (pack of 12)			
15	Oranje-white Tygon or equivalent pump tubing (pack of 12)			
16	Purple-Black Tygon or equivalent pump tubing (pack of 12)			
17	Green-green Tygon or equivalent pump tubing (pack of 12)			
18	White-white Tygon or equivalent pump tubing (pack of 12)			
19	Oranje-yellow Tygon or equivalent pump tubing (pack of 12)			
20	Oranje-white Duraprene or equivalent pump tubing (pack of 6)			
21	Yellow-yellow Duraprene or equivalent pump tubing (pack of 6)			
22	3.5 cm x 8.5 cm diffusion membrane			
23	Stainless Steel nipple			
24	Diffusion cell flare (tube)			
25	Z-axis drive green PEEK tubing			
26	6 stage valve			
	Group 44	MPL	CPI	ROE
	DESCRIPTION			
1	HP-5MS-ultra inert or equivalent capillary columns			
2	DB-FFAP or equivalent capillary column			
3	DB-Wax or equivalent capillary column			
4	EUPAH or equivalent capillary column			
5	DB-624 or equivalent capillary column			
6	DB-35MSUI or equivalent capillary column			
7	DB-XLB or equivalent capillary column			
	Group 45	MPL	CPI	ROE
	DESCRIPTION			
1	Potassium Bromide (KBr) window disc			
2	Supply of dessicant, Silica gel or equivalent,			
	Group 46	MPL	CPI	ROE
	DESCRIPTION			
1	Columbia Blood Agar Plates			
2	Tryptose-sulfite-cycloserine (TSC) agar			
	Group 47	MPL	CPI	ROE
	DESCRIPTION			
1	A-naphthyl phosphate Disodium salt			
2	D-cycloserine (TSC supplement)			
3	Fast Blue B Salt (o-Dianisidine, tetrazotized ZnCl ₂)			
	Group 48	MPL	CPI	ROE

	DESCRIPTION			
1	Dry Rehydrated Film for Aerobic Count			
2	Dry Rehydrated Film for E.coli-Coliform Count			
3	Dry Rehydrated Film for coagulase- positive Staphylococcus aureus Count			
4	Dry Rehydrated Film for coagulase- positive Staphylococcus aureus confirmation tests			
	Group 49	MPL	CPI	ROE
	DESCRIPTION			
1	Peptone Water Buffered			
	Group 50	MPL	CPI	ROE
	DESCRIPTION			
1	Baird-Parker Agar Base			
2	Tellurite Egg Yolk Emulsion sterile 20%			
3	Violet Red Bile MUG Agar			
4	Plate Count Agar			
	Group 51	MPL	CPI	ROE
	DESCRIPTION			
1	Staphaurex ID Kit			
2	p-Nitrophenyl Phosphate Disodium Salt			
3	Tintres Resazurin Tablets			
	Group 52	MPL	CPI	ROE
	DESCRIPTION			
1	Whirlpak 710 ml Sample Bags			
2	Lab-400 Classic Stomacher Bags			
	Group 53	MPL	CPI	ROE
	DESCRIPTION			
1	Collection and Transport Swab System			
	Group 54	MPL	CPI	ROE
	DESCRIPTION			
1	Micropipette Filter Tip 100 µl			
2	Micropipette Filter Tip 1000 µl			
	Group 55	MPL	CPI	ROE
	DESCRIPTION			
1	Spreader PP			
	Group 56	MPL	CPI	ROE
	DESCRIPTION			
1	Rectified Ethanol 96%			
2	Liquid Alkaline Phosphate-free Concentrate			
	Group 57	MPL	CPI	ROE
	DESCRIPTION			
1	Sterikon Plus Bio-indicator			
	Group 58	MPL	CPI	ROE
	DESCRIPTION			
1	LLG-Autoclavable Bags with Biohazard print			
	Group 59	MPL	CPI	ROE
	DESCRIPTION			
1	Container 60 ml with Screw Cap and affixed Label			

Group 60: MICRO LAB CONSUMABLES		MPL	CPI	ROE
DESCRIPTION				
1	Non sterile polystyrene Cuvette			
2	Airline disposable plastic cups			
3	Disposal plastic polystyrene drinking cups			
Group 61		MPL	CPI	ROE
DESCRIPTION				
1	DNA Extraction kits for bacteria, viruses and parasites			
2	DNA Extraction kits for bacteria			
3	DNA Extraction kits for viruses			
4	Viral Extraction kits			
5	Microbial DNA qPCR Array			
6	Viability PMA kit			
7	DNA purification kits			
Group 62		MPL	CPI	ROE
DESCRIPTION				
1	Kwick Stik (2 pack): Klebsiella aerogenes (formerly Enterobacter aerogenes)			
2	Kwick Stik (2 pack): Salmonella typhimurium			
3	Listeria monocytogenes			
4	Enterococcus faecium derived from ATCC8459			
5	Campylobacter jejuni subsp jejuni derived from ATCC33560			
6	E.coli 0157:H7 derived from ATCC43888			
7	Salmonella enterica subsp enterica Serovar typhimurium derived from ATCC14028			
Group 63		MPL	CPI	ROE
DESCRIPTION				
1	Centrifuge tubes 15ML			
2	Centrifuge tubes 500ml			
Group 64		MPL	CPI	ROE
DESCRIPTION				
1	Magnesium chloride hexahydrate			
2	Potassium dihydrogen orthophosphate			
3	Di-sodium hydrogen orthophosphate			
4	Sodium Thiosulphate			
5	Sodium Chloride			
6	Electrolyte Solution KCl 3M			
7	Sodium Hydroxide solution (1N)			
Group 65		MPL	CPI	ROE
DESCRIPTION				
1	Standard Petri Dishes with lids and no internal partitioning (Disposable) - 90mm x 15mm			
2	Petri Dishes with lids and no internal partitioning (Disposable) - 65mm x 15mm			
Group 66		MPL	CPI	ROE
DESCRIPTION				
1	5000ml Plastic anti-glug cans with cap			
2	2000ml Plastic bottle with cap *			

3	1000ml Plastic bottle with cap			
	Group 67	MPL	CPI	ROE
	DESCRIPTION			
1	250-300ml Sterile Sample bottles			
2	250ml Autoclavable bottles for liquid samples for laboratory use			
	Group 68	MPL	CPI	ROE
	DESCRIPTION			
1	API 20 E strips			
2	AP1 20 E reagent kit			
3	API suspension medium 5 ml per ampoule			
4	Zinc Powder			
5	Oxidase reagent -100 ampoules 0.75 ml per ampoule			
6	API mineral oil			
	Group 69	MPL	CPI	ROE
	DESCRIPTION			
1	Pipette Tips (10 ml)			
2	Clear Tips 1-10 µl			
3	Yellow Tips 1-200 µl			
4	Nozzle protection filters			
5	Nozzle protection filters			
6	Eppendorf Combitips			
7	Sterile pipettes 3ml			
	Group 70	MPL	CPI	ROE
	DESCRIPTION			
1	Pipette tips (10ml)			
	Group 71	MPL	CPI	ROE
	DESCRIPTION			
1	Laboratory Bottle 5000 ml			
2	Laboratory Bottle 2000 ml			
3	Laboratory Bottle 1000 ml			
4	Laboratory Bottle 500ml			
5	Laboratory Bottle 250ml			
6	Laboratory Bottle 100ml			
7	Pouring Ring			
	Group 72	MPL	CPI	ROE
	DESCRIPTION			
1a	Ammonium Standard Solution (1.00 mg/L NH ₄ -N) in water			
1b	Ammonium Standard Solution (1.00 mg/L NH ₄ -N) in water			
2a	Ammonium Standard Solution (10.00 mg/L NH ₄ -N) in water			
2b	Ammonium Standard Solution (10.00 mg/L NH ₄ -N) in water			
3a	Ammonium Standard Solution (100.0 mg/L NH ₄ -N) in water			
3b	Ammonium Standard Solution (100.0 mg/L NH ₄ -N) in water			
	Group 73	MPL	CPI	ROE
	DESCRIPTION			
1	Chloride Standard Solution (100 mg/L) in water			
2	Chloride standard Solution (1000mg/l			
	Group 74	MPL	CPI	ROE
	DESCRIPTION			

1	COD Standard Solution (300 mg/L) in water			
2	COD Standard Solution (1000 mg/L) in water			
	Group 75	MPL	CPI	ROE
	DESCRIPTION			
1	Fluoride Standard Solution (0.200 mg/L) in water			
2	Fluoride Standard Solution (0.50 mg/L) in water			
3	Fluoride Standard Solution (1.50 mg/L) in water			
	Group 76	MPL	CPI	ROE
	DESCRIPTION			
1	Nitrate Standard Solution (1.0 mg/L NO ₃ -N) in water			
2	Nitrate Standard Solution (10.0 mg/L NO ₃ -N) in water			
3	Nitrite Standard Solution (15.00 mg/L NO ₂ -N) in water			
4	Nitrite Standard Solution (0.250 mg/L NO ₂ -N) in water			
	Group 77	MPL	CPI	ROE
	DESCRIPTION			
1	Total Organic Carbon (5.0mg/L) in water			
2	Total Organic Carbon (10.0mg/L) in water			
3	Total Organic Carbon (25.0mg/L) in water			
4	Total Organic Carbon (50.0mg/L) in water			
5	Total Organic Carbon (200 mg/L) in water			
6	Total Organic Carbon (500 mg/L) in water			
7	Total Inorganic Carbon (1000 mg/L) in water			
	Group 78	MPL	CPI	ROE
	DESCRIPTION			
1	Silica Standard Solution (0.5 mg/L)			
2	Silica Standard Solution (1.0 mg/L)			
3	Silica Standard Solution (10 mg/L)			
4	Silica Standard Solution (25 mg/L)			
5	Silica Standard Solution (50 mg/L)			
6	Silica Standard Solution (1000mg/L)			
	Group 79	MPL	CPI	ROE
	DESCRIPTION			
1	Alkalinity Standard Solution (5 mg/L)			
2	Alkalinity Standard Solution (30 mg/L)			
3	Alkalinity Standard Solution (200 mg/L)			
4	Alkalinity Standard Solution (500 mg/L)			
	Group 80	MPL	CPI	ROE
	DESCRIPTION			
1	Sulphate Standard Solution (10 mg/L)			
2	Sulphate Standard Solution (100 mg/L)			
3	Sulphate Standard Solution (500 mg/L)			
	Group 81	MPL	CPI	ROE
	DESCRIPTION			
1	Chlorine Standard 1MG/L			
2	Chlorine Standard 0.1mg/l			
3	Colour 10mg/L			
4	Phenol 1000mg/L			
5	Phenol 0.1mg/			

	Group 82	MPL	CPI	ROE
	DESCRIPTION			
1	Magnesium Sulphate (MgSO4)			
2	Calcium Chloride (CaCl2)			
3	Ferric Chloride (FeCl3)			
4	Polyseed BOD innoculum			
	Group 83	MPL	CPI	ROE
	DESCRIPTION			
1	Hydrogen Sulphide (H2S) Test Kits			
	Group 84	MPL	CPI	ROE
	DESCRIPTION			
1	Photocheck solution set for photometers			
	Group 85	MPL	CPI	ROE
	DESCRIPTION			
1	Organochlorine Pesticide Mix AB #1			
2	Pesticide Performance Evaluation Check Mix			
3	GC Multiresidue Pesticide Standard Specifications:			
4	EPA Method 8061A Phthalate Esters Mixture			
5	8061A Surrogate Standard			
6	Methylene Chloride, 1 mL/ampul containing the following			
7	Pharmaceuticals Mix #2			
8	Pharmaceuticals Mix #1 @ R1398			
9	Steroids and Mixed Pharmaceuticals Mix			
10	Haloacetic acids mix 1 (2000 µg/mL)			
11	Haloacetic acids mix 2			
	Group 86	MPL	CPI	ROE
	DESCRIPTION			
1	Bromate Standard for IC			
2	Bromate Standard Solution			
3	Potassium bromate			
4	Sodium bromate			
5	Chlorite IC Standard			
6	Chlorate Standard for IC			
7	Sodium chlorate			
8	Potassium chlorate			
9	Chlorate Standard for IC.			
10	Sodium Carbonate (0.5M)			
11	Bromide Standard (as Br) for Chloride Analysis on the Ion Chromatograph			
	Group 87	MPL	CPI	ROE
	DESCRIPTION			
1	N,O-Bis(trimethylsilyl)trifluoroacetamide with			
2	Bezafibrate. ≥98%, solid			
3	Ibuprofen. ≥98% (GC)			
4	Stavudine. European Pharmacopoeia (EP) Reference			
5	Lamivudine. Pharmaceutical Secondary Standard;			
6	Oxacillin sodium salt monohydrate. VETRANAL®-			
7	Fluoxetine hydrochloride solution. 1.0 mg/mL in			

8	Acetaminophen. BioXtra, ≥99.0%			
9	Cinchonine. crystallized, ≥98.0% (NT)			
10	Cinchonidine. 96%			
11	(±)-Epichlorohydrin. purum, ≥99% (GC)			
12	Nevirapine. Pharmaceutical Secondary Standard;			
13	Zidovudine. Pharmaceutical Secondary Standard;			
14	Atrazine-d5. PESTANAL®, analytical standard			
15	Triazine Pesticides Standards Mix. certified reference			
16	2-Chloro-4,6-diamino-1,3,5-triazine. 95%			
17	EPA 8081 Pesticide Standard Mix. certified reference			
18	4,4'-DDT-d8. PESTANAL®, analytical standard			
19	DDT-Endrin Mix. certified reference material, 500 µ-			
20	EPA Pesticide Mix. in methanol: methylene			
21	Appendix IX Organochlorine Pesticides Mix. certified			
22	EPA 8081 Pesticide Standard Mix. certified reference			
23	2-Isopropyl-3-methoxypyrazine solution. Certified			
24	N-Nitrosodiethylamine (NDEA). Pharmaceutical			
25	N-Nitrosodiethylamine (NDEA) solution. certified			
26	N-Nitrosodimethylamine (NDMA) solution. certified			
27	N-Nitrosodimethylamine (NDMA). Pharmaceutical			
28	N-Nitrosodimethylamine-d6. 98 atom % D			
29	Terbutylazine-(ethyl</Hd<SUB>5). analytical standard			
30	Terbutylazine. PESTANAL®, analytical standard			
31	Simazine solution. 100 µg/mL in methanol, PESTANAL-			
32	Simazine-d10. PESTANAL®, analytical standard			
33	Epichlorohydrin-d5. ≥98 atom % D, ≥99% (CP), contains			
34	(±)-Epichlorohydrin. purum, ≥99% (GC)			
35	17β-Estradiol-D5 solution. 100 µg/mL in acetonitrile,			
36	Testosterone-d3 (16, 16, 17-d3) solution. 100 µg/mL			
37	5α-Dihydrotestosterone-D3 (16,16,17-D3) solution-			
38	Androstene-3,17-dione-2,3,4-13C3 solution. 100 µg/mL			
39	17α-Ethynylestradiol solution. 1.0 mg/mL in methanol,			
40	Sulfamerazine. VETRANAL®, analytical standard			
41	Sulfathiazole. VETRANAL®, analytical standard			
42	Sulfamethizole. VETRANAL®, analytical standard			
43	Caffeine. anhydrous, tested according to Ph. Eur.			
44	Warfarin. analytical standard			
45	(-)-Cotinine solution. drug standard, 1.0 mg/mL in methanol			
46	Ciprofloxacin. ≥98% (HPLC)			
47	Trimethoprim. VETRANAL®, analytical standard			
48	Ofloxacin. VETRANAL®, analytical standard			
49	Norfloxacin. VETRANAL®, analytical standard			
50	Flumequine. VETRANAL®, analytical standard			
51	Sulfadimethoxine. VETRANAL®, analytical standard			
52	Penicillin V potassium salt. VETRANAL®, analytical			
53	Cloxacillin sodium salt monohydrate. VETRANAL®-			
54	Oxacillin sodium salt monohydrate. VETRANAL®-			
55	Estradiol. Pharmaceutical Secondary Standard;			

56	Bisphenol A. certified reference material			
57	Bisphenol A-d16. 98 atom % D			
58	Caffeine-(trimethyl-d9). 99 atom % D, 98% (CP)			
59	Acrylamide. Molecular Biology, ≥99% (HPLC)			
60	Chloroacetic acid-13C2. 99 atom % 13C			
61	Chloroacetic acid. PESTANAL®, analytical standard			
62	Dichloroacetic acid. PESTANAL®, analytical standard			
63	EPA 552 Halogenated Acetic Acids Mix. certified			
64	EPA 552.2 Acids Calibration Mix. certified reference			
65	EPA 552.2 Haloacetic Acids Mix. certified reference			
66	Trichloroacetic acid. for analysis EMSURE® ACS, Reag.			
67	Trichloroacetic acid-1-13C. 99 atom % 13C			
68	Ibuprofen. Pharmaceutical Secondary Standard;			
69	Carbamazepine. analytical standard			
70	Carbamazepine. Pharmaceutical Secondary Standard;			
71	(-)-Cinchonidine. phyproof® Reference Substance			
72	Acetaminophen-D4 solution. 1.0 mg/mL in methanol,			
73	Diclofenac sodium salt. Pharmaceutical Secondary			
74	Bezafibrate. European Pharmacopoeia (EP) Reference			
75	Sulfamethoxazole. VETRANAL®, analytical standard			
76	Sulfamethoxazole. Pharmaceutical Secondary			
	Group 88	MPL	CPI	ROE
	DESCRIPTION			
1	Heptadecafluorooctanesulfonic acid solution.			
2	Perfluorooctanoic acid. 95%			
3	Perfluorooctanoic acid. 95%			
4	Pentadecafluorooctanoic acid			
5	Perfluorononanoic acid. 97%			
6	Perfluoroheptanoic acid. ≥97.0%			
7	Nonafluorobutane-1-sulfonic acid. 97%			
	Group 89	MPL	CPI	ROE
	DESCRIPTION			
1	Saxitoxin			
2	Saxitoxin dihydrochloride solution.			
3	Neosaxitoxin-15N7 solution.\			
4	Cylindrospermopsin solution			
	Group 90: PAL consumables	MPL	CPI	ROE
	DESCRIPTION			
1	Smart SPME fiber assembly, 50/30µm			
2	Smart SPME fiber assembly, 75µm			
3	Smart SPME fiber assembly, 100µm			
4	Smart SPME fiber assembly, 60µm			
5	Smart SPME fiber assembly, 65µm			
6	Smart SPME fiber assembly, 7µm			
7	Smart SPME fiber assembly, 85µm			
	Group 91: Cleaning	MPL	CPI	ROE
	DESCRIPTION			
1	Alcohol sanitizing wipes			

	Group 92:	MPL	CPI	ROE
	DESCRIPTION			
1	Alcohol sanitizing wipes			
2	Medical Sterile single-use swabs			
	Group 93: Glassware	MPL	CPI	ROE
	DESCRIPTION			
1	Glassware and bottle washing brush			
2	Glassware and bottle washing brush			
3	Brush test tube 19-25mm			
4	Glassware and bottle washing brush			
	Group 94:	MPL	CPI	ROE
	DESCRIPTION			
1	Butane/propane mix cartridge			
	Group 95:	MPL	CPI	ROE
	DESCRIPTION			
1	Biological indicator of steam sterilization			
	Group 96: EVOQUA SPARES	MPL	CPI	ROE
	DESCRIPTION			
1	Granular Activated Carbon 10" Filter			
2	Fine filter cartridge 10" long			
3	Pretreatment module AMB			
4	Pre-purification module DTO			
5	Polishing Module MFIID			
6	Sterile Ventilation filter with CO2 trap			
	Group 97: Consumables for PCR lab	MPL	CPI	ROE
	DESCRIPTION			
1	Polymerase Chain Reaction (PCR) tubes			
2	Sterile 1.5 ml Eppendorf micro-centrifuge tubes			
3	Sterile 2 ml Eppendorf micro-centrifuge tubes			
4	Sterile 15 ml centrifuge tubes			
5	Sterile 50 ml centrifuge tubes			
6	50ml Centrifuge tube rack			
7	15ml Centrifuge tube rack			
8	PCR tube Cooler rack			
9	96-well low temperature rack			
	Group 98	MPL	CPI	ROE
	DESCRIPTION			
1	6-Paddle Jar Tester			
2	Volumetric flask 1L			
3	Volumetric flask 2L			
4	Volumetric flask 5L			
5	Volumetric flask 500mL			
6	Volumetric flask 100L			
7	Glass beakers 1L			
8	Glass beakers 2L			
9	Glass beakers 5L			
10	Glass beakers 500mL			
11	Graduated pipette 1ml			

12	Graduated pipette 2ml			
13	Graduated pipette 5ml			
14	Graduated pipette 10ml			
15	Graduated pipette 20ml			
16	Volumetric bulb pipette 1ml			
17	Volumetric bulb pipette 2ml			
18	Volumetric bulb pipette 5ml			
19	Volumetric bulb pipette 10ml			
20	Volumetric bulb pipette 20ml			
21	Volumetric bulb pipette 25ml			
22	Glass graduated burette 50ml			
23	Autoclavable Glass vacuum filtration flasks (1L)			
24	Autoclavable Glass vacuum filtration flasks (2L)			
	Group 99: Sterile Sample Collection Vessels	MPL	CPI	ROE
	DESCRIPTION			
1	Sterile 500mL Sample Collection Vessels			
	Group 100:	MPL	CPI	ROE
	DESCRIPTION			
1	Disposable lab coats (various sizes) pack of 50			
	Group 101: KITS FOR THE FLOW CYTOMETRY INSTRUMENT	MPL	CPI	ROE
	DESCRIPTION			
1	BD Accuri C6 Plus Flow Cytometer 1-year Maintenance Kit			
2	BD Accuri C6 Plus Flow Cytometer Fluidic Kit			
	Group 102: CONSUMABLES FOR THE FLOW CYTOMETRY INSTRUMENT (MOLECULAR LAB)	MPL	CPI	ROE
	DESCRIPTION			
1	BD Accuri C6 Plus Flow Cytometer 1-year Maintenance Kit Standard 12 x 75-mm test tubes			
2	BD CS & TRUO beads			

Schedule F.2: Certificate of Authority for Partnerships/ Joint Ventures/ Consortiums

This schedule is to be completed if the tender is submitted by a partnership/joint venture/ consortium.

1. We, the undersigned, are submitting this tender offer as a partnership/ joint venture/ consortium and hereby authorize Mr/Ms _____, of the authorised entity _____, acting in the capacity of Lead Partner, to sign all documents in connection with the tender offer and any contract resulting from it on the partnership/joint venture/ consortium’s behalf.

2. By signing this schedule the partners to the partnership/joint venture/ consortium:
 - 2.1 warrant that the tender submitted is in accordance with the main business and objectives of the partnership/joint venture/ consortium;
 - 2.2 agree that the CCT shall make all payments in terms of this Contract into the following bank account of the Lead Partner:
 Account Holder: _____
 Financial Institution: _____
 Branch Code: _____
 Account No.: _____
 - 2.3 agree that in the event that there is a change in the partnership/ joint venture/ consortium and/or should a dispute arise between the partnership/joint venture/ consortium partners, that the CCT shall continue to make any/all payments due and payable in terms of the Contract into the aforesaid bank account until such time as the CCT is presented with a Court Order or an original agreement (signed by each and every partner of the partnership/joint venture/ consortium) notifying the CCT of the details of the new bank account into which it is required to make payment.
 - 2.4 agree that they shall be jointly and severally liable to the CCT for the due and proper fulfilment by the successful tenderer/supplier of its obligations in terms of the Contract as well as any damages suffered by the CCT as a result of breach by the successful tenderer/supplier. The partnership/joint venture/ consortium partners hereby renounce the benefits of excussion and division.

SIGNED BY THE PARTNERS OF THE PARTNERSHIP/ JOINT VENTURE/ CONSORTIUM		
NAME OF FIRM	ADDRESS	DULY AUTHORISED SIGNATORY
Lead partner		Signature..... Name..... Designation.....
		Signature..... Name..... Designation.....
		Signature..... Name..... Designation.....
		Signature..... Name..... Designation.....

Note: A copy of the Joint Venture Agreement shall be appended to *List of Other Documents Attached by Tenderer Schedule*.

 Signature
 Print name:
 On behalf of the tenderer (duly authorised)

 Date

Schedule F.3: Declaration for Procurement above R10 million

If the value of the transaction is expected to exceed R10 million (VAT included) the tenderer shall complete the following questionnaire, attach the necessary documents and sign this schedule:

1. Are you by law required to prepare annual financial statements for auditing? **(Please mark with X)**

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

If YES, submit audited annual financial statements:

- (i) For the past three years, or
- (ii) Since the date of establishment of the tenderer (if established during the past three years)

By attaching such audited financial statements to **List of Other Documents Attached by Tenderer Schedule**.

2. Do you have any outstanding undisputed commitments for municipal services towards the CCT or other municipality in respect of which payment is overdue for more than 30 (thirty) days? **(Please mark with X)**

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

2.1 If NO, this serves to certify that the tenderer has no undisputed commitments for municipal services towards any municipality for more than three (3) (three) months in respect of which payment is overdue for more than 30 (thirty) days.

2.2 If YES, provide particulars:

3. Has any contract been awarded to you by an organ of state during the past five (5) years? **(Please mark with X)**

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

If YES, insert particulars in the table below including particulars of any material non-compliance or dispute concerning the execution of such contract. Alternatively attach the particulars to **List of Other Documents Attached by Tenderer** schedule in the same format as the table below:

Organ of State	Contract Description	Contract Period	Non-compliance/dispute (if any)

4. Will any portion of the goods or services be sourced from outside the Republic, and if so, what portion and whether any portion of payment from the CCT is expected to be transferred out of the Republic? **(Please mark with X)**

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

If YES, furnish particulars below

The tenderer hereby certifies that the information set out in this schedule and/or attached hereto is true and correct, and acknowledges that failure to properly and truthfully complete this schedule may result in steps being taken against the tenderer, the tender being disqualified, and/or (in the event that the tenderer is successful) the cancellation of the contract, restriction of the tenderer or the exercise by the CCT of any other remedies available to it.

 Signature
 Print name:
 On behalf of the tenderer (duly authorised)

 Date

Schedule F.4: Preference Points Claim Form In Terms Of the Preferential Procurement Regulations 2022

1. GENERAL CONDITIONS

- 1.1 The following preference point systems are applicable to invitations to tender:
- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
 - the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 To be completed by the organ of state

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 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

The following definitions shall apply to this schedule:

- (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).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

POINTS AWARDED FOR PRICE

THE 80/20 PREFERENCE POINT SYSTEMS

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

80/20

Or

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

4. FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT

POINTS AWARDED FOR PRICE

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

80/20

Or

Where:

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmax = Price of highest acceptable tender

5. POINTS AWARDED FOR SPECIFIC GOALS

5.1 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:

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

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

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Gender	5	
Race	5	
Disability	3	
Promotion of Micro and Small Enterprises	7	

DECLARATION WITH REGARD TO COMPANY/FIRM

5.3 Name of company/firm.....

5.4 Company registration number:

5.5 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]

5.6 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 4.1 and 4.2, the Supplier 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 Supplier, 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.

<i>Signature of Tenderer</i>	<i>Date</i>	<i>Name and Surname</i>	<i>Address</i>

For official use.		
SIGNATURE OF CCT OFFICIALS AT TENDER OPENING		
1.	2.	3.

Schedule F.5: Declaration of Interest – State Employees (MBD 4 amended)
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1. No bid will be accepted from:
 - 1.1 persons in the service of the state¹, or
 - 1.2 if the person is not a natural person, of which any director, manager or principal shareholder or stakeholder is in the service of the state, or
 - 1.3 from persons, or entities of which any director, manager or principal shareholder or stakeholder, has been in the service of the City of Cape Town (CCT) during the previous twelve (12) months, or
 - 1.4 from an entity who has employed a former CCT employee who was at a level of T14 or higher at the time of leaving the CCT's employ and involved in any of the CCT's bid committees for the bid submitted, if:
 - 1.4.1 the CCT employee left the CCT's employment voluntarily, during the previous twelve (12) months;
 - 1.5 a person who was a CCT employee, or an entity that employs a CCT employee, if
 - 1.5.1 the CCT employee left the CCT's employment whilst under investigation for alleged misconduct, or
 - 1.5.2 was facing disciplinary action or potential disciplinary action by the CCT, or
 - 1.5.3 was involved in a dispute against the CCT during the previous thirty six (36) months.

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 tenderer 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 tenderer or his or her representative: _____
 - 3.2 Identity Number: _____
 - 3.3 Position occupied in the Company (director, trustee, shareholder²): _____
 - 3.4 Company or Close Corporation 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: _____
 - 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 tenderer 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: _____
- 3.15 Have you, or any of the directors, trustees, managers, principle shareholders, or stakeholders of this company been in the service of the CCT in the past twelve months? **YES / NO**
 3.15.1 If yes, furnish particulars: _____
- 3.16 Do you have any employees who was in the service of the CCT at a level of T14 or higher at the time they left the employ of the CCT, and who was involved in any of the CCT’s bid committees for this bid? **YES / NO**
 3.16.1 If yes, furnish particulars: _____

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

Full Name	Identity Number	State Employee Number

If the above table does not sufficient to provide the details of all directors / trustees / shareholders, please append full details to the tender submission.

The tenderer hereby certifies that the information set out in this schedule and/or attached hereto is true and correct, and acknowledges that failure to properly and truthfully complete this schedule may result in steps being taken against the tenderer, the tender being disqualified, and/or (in the event that the tenderer is successful) the cancellation of the contract, restriction of the tenderer or the exercise by the CCT of any other remedies available to it.

 Signature
 Print name:
 On behalf of the tenderer (duly authorised)

 Date

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) an executive 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.

Schedule F.6: Conflict of Interest Declaration

1. The tenderer shall declare whether it has any conflict of interest in the transaction for which the tender is submitted. **(Please mark with X)**

YES		NO	
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1.1 If yes, the tenderer is required to set out the particulars in the table below:

2. The tenderer shall declare whether it has directly or through a representative or intermediary promised, offered or granted:

2.1 Any inducement or reward to the CCT for or in connection with the award of this contract; or

2.2 Any reward, gift, favour or hospitality to any official or any other role player involved in the implementation of the supply chain management policy. **(Please mark with X)**

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

If yes, the tenderer is required to set out the particulars in the table below:

Should the tenderer be aware of any corrupt or fraudulent transactions relating to the procurement process of the CCT, please contact the following:

The CCT's anti-corruption hotline at 0800 32 31 30 (toll free)

The tenderer hereby certifies that the information set out in this schedule and/or attached hereto is true and correct, and acknowledges that failure to properly and truthfully complete this schedule may result in steps being taken against the tenderer, the tender being disqualified, and/or (in the event that the tenderer is successful) the cancellation of the contract, restriction of the tenderer or the exercise by the CCT of any other remedies available to it.

 Signature
 Print name:
 On behalf of the tenderer (duly authorised)

 Date

Schedule F.7: Declaration of Tenderer's Past Supply Chain Management Practices (MBD 8)

Where the entity tendering is a partnership/joint venture/consortium, each party to the partnership/joint venture/consortium must sign a declaration in terms of the Municipal Finance Management Act, Act 56 Of 2003, and attach it to this schedule.

1 The tender offer of any tenderer may be rejected if that tenderer or any of its directors/members have:

- a) abused the municipality's / municipal entity's supply chain management system or committed any fraudulent 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) or Database of Restricted Suppliers.

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

Item	Question	Yes	No
2.1	<p>Is the tenderer or any of its directors/members 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>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
2.1.1	If so, furnish particulars:		
2.2	<p>Is the tenderer or any of its directors/members 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) or Database of Restricted Suppliers?</p> <p>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.</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
2.2.1	If so, furnish particulars:		
2.3	<p>Was the tenderer or any of its directors/members 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?</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
2.3.1	If so, furnish particulars:		
Item	Question	Yes	No

2.4	Does the tenderer 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"/>
2.4.1	If so, furnish particulars:		
2.5	Was any contract between the tenderer 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"/>
2.5.1	If so, furnish particulars:		

The tenderer hereby certifies that the information set out in this schedule and/or attached hereto is true and correct, and acknowledges that failure to properly and truthfully complete this schedule may result in steps being taken against the tenderer, the tender being disqualified, and/or (in the event that the tenderer is successful) the cancellation of the contract,, restriction of the tenderer or the exercise by the CCT of any other remedies available to it.

 Signature
 Print name:
 On behalf of the tenderer (duly authorised)

 Date

Schedule F.8: Authorisation for the Deduction of Outstanding Amounts Owed to the CCT

To: THE CITY MANAGER, City of Cape Town

From: _____
(Name of tenderer)

RE: AUTHORISATION FOR THE DEDUCTION OF OUTSTANDING AMOUNTS OWED TO THE CCT

The tenderer:

- a) hereby acknowledges that according to SCM Regulation 38(1)(d)(i) the City Manager may reject the tender of the tenderer if any municipal rates and taxes or municipal service charges owed by the tenderer (or any of its directors/members/partners) to the CCT, or to any other municipality or municipal entity, are in arrears for more than 3 (three) months; and
- b) therefore hereby agrees and authorises the CCT to deduct the full amount outstanding by the Tenderer or any of its directors/members/partners from any payment due to the tenderer; and
- c) confirms the information as set out in the tables below for the purpose of giving effect to b) above;

Physical Business address(es) of the tenderer	Municipal Account number(s)	Inside the CCT municipal boundary (Yes/No)

If there is not enough space for all the names, please attach the information to **List of other documents attached by tenderer** schedule in the same format:

Name of Director / Member / Partner	Identity Number	Physical residential address of Director / Member / Partner	Municipal Account number(s)	Inside the CCT municipal boundary (Yes/No)

The tenderer hereby certifies that the information set out in this schedule and/or attached hereto is true and correct, and acknowledges that failure to properly and truthfully complete this schedule may result in steps being taken against the tenderer, the tender being disqualified, and/or (in the event that the tenderer is successful) the cancellation of the contract, restriction of the tenderer or the exercise by the CCT of any other remedies available to it.

Signature
Print name:
On behalf of the tenderer (duly authorised)

Date

Schedule F.9: Certificate of Independent Tender Determination

I, the undersigned, in submitting this tender number **165G/2025/26 - SUPPLY AND DELIVERY OF CHEMICALS AND CONSUMABLES FOR THE CITY OF CAPE TOWN**, in response to the tender invitation made by **THE CCT**, do hereby make the following statements, which I certify to be true and complete in every respect:

I certify, on behalf of: _____ (Name of tenderer) that:

1. I have read and I understand the contents of this Certificate;
2. I understand that this tender will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorised by the tenderer to sign this Certificate, and to submit this tender, on behalf of the tenderer;
4. Each person whose signature appears on this tender has been authorised by the tenderer to determine the terms of, and to sign, the tender on behalf of the tenderer;
5. For the purposes of this Certificate and this tender, I understand that the word 'competitor' shall include any individual or organisation other than the tenderer, whether or not affiliated with the tenderer, who:
 - (a) has been requested to submit a tender in response to this tender invitation;
 - (b) could potentially submit a tender in response to this tender invitation, based on their qualifications, abilities or experience; and
 - (c) provides the same goods and services as the tenderer and/or is in the same line of business as the tenderer.
6. The tenderer has arrived at this tender independently from and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium¹ will not be construed as collusive price quoting.
7. In particular, without limiting the generality of paragraphs 5 and 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - (a) prices;
 - (b) geographical area where product or service will be rendered (market allocation);
 - (c) methods, factors or formulas used to calculate prices;
 - (d) the intention or decision to submit or not to submit a tender;
 - (e) the submission of a tender which does not meet the specifications and conditions of the tender; or
 - (f) tendering with the intention not to win the contract.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this tender invitation relates.
9. The terms of this tender have not been and will not be disclosed by the tenderer, directly or indirectly, to any competitor, prior to the date and time of the official tender opening or of the awarding of the contract.
10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to tenders and contracts, tenders that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act, Act 89 of 1998, and/o/r 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 10 (ten) years in terms of the Prevention and Combating of Corrupt Activities Act, Act 12 of 2004, or any other applicable legislation.

Signature

Print name:

On behalf of the tenderer (duly authorised)

Date

(¹ Consortium: 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.)

Schedule F.11: List of Other Documents Attached By Tenderer
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The tenderer has attached to this schedule, the following additional documentation:

	Date of Document	Title of Document or Description (refer to clauses / schedules of this tender document where applicable)
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		
16.		
17.		

Attach additional pages if more space is required.

 Signature
 Print name:
 On behalf of the tenderer (duly authorised)

 Date

Schedule F.12: Record of Addenda to Tender Documents

We confirm that the following communications received from the CCT before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer:

	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Attach additional pages if more space is required.

 Signature
 Print name:
 On behalf of the tenderer (duly authorised)

 Date

Schedule F.13: Information to Be Provided With the Tender

The following information shall be provided with the Tender:

1. Technical Data Sheets and information to be provided for evaluation purposes in the Returnable Schedules.
2. Safety Data Sheets
3. Copies of certificate of analysis with traceability to National and International Standards where applicable
4. Provide samples of items where specified in order to test for criteria stipulated
5. Scientific Services is an ISO 17025 Accredited facility and it requires its manufacturers of chemicals and consumables to be ISO 9001 or equivalent certified.

Signature
Print name:
On behalf of the tenderer (duly authorised)

Date

Schedule F.14: Appeal Application

OFFICIAL RECEIPT
(Valid only if printed
by official cash
receipting machine)

IRISITI ESESIKWENI
(Isemthethweni kuphela
xa ishicilelwe
ngumatshini wokukhupa
irisiti osesikweni.)

AMPTELIKE KWITANSIE
(Geldig alleenlik indien deur
amptelike kontantvangs
masjien gedruk.)

GL DATA CAPTURE RECEIPT
(CASHIER TO RETAIN A COPY)

RECEIPT NO: _____

DATE: _____

SAP GL:

8	1	0	1	0	0	0
---	---	---	---	---	---	---

PROFIT CENTRE:

1	3	0	5	0	0	0	0	1
---	---	---	---	---	---	---	---	---

NAME/COMPANY NAME:

AMOUNT:

						R	3	0	0	-	0	0
--	--	--	--	--	--	---	---	---	---	---	---	---

SERVICE DEPARTMENT DETAILS-

DEPARTMENT: LEGAL SERVICES: APPEALS UNIT

EMAIL; MSA.Appeals@capetown.gov.za

OFFICIAL RECEIPT
(Valid only if printed
by official cash
receipting machine)

IRISITI ESESIKWENI
(Isemthethweni kuphela
xa ishicilelwe
ngumatshini wokukhupa
irisiti osesikweni.)

AMPTELIKE KWITANSIE
(Geldig alleenlik indien deur
amptelike kontantvangs
masjien gedruk.)

GL DATA CAPTURE RECEIPT
(CASHIER TO RETAIN A COPY)

RECEIPT NO: _____

DATE: _____

SAP GL:

8	1	0	1	0	0	0
---	---	---	---	---	---	---

PROFIT CENTRE:

1	3	0	5	0	0	0	0	1
---	---	---	---	---	---	---	---	---

NAME/COMPANY NAME:

AMOUNT:

						R	3	0	0	-	0	0
--	--	--	--	--	--	---	---	---	---	---	---	---

SERVICE DEPARTMENT DETAILS-

DEPARTMENT: LEGAL SERVICES: APPEALS UNIT

EMAIL; MSA.Appeals@capetown.gov.za