

KENYA BUREAU OF STANDARDS



TENDER DOCUMENT

FOR

**FRAMEWORK AGREEMENT FOR SUPPLY AND DELIVERY OF
LABORATORY CHEMICALS AND CONSUMABLES FOR A PERIOD
OF THREE YEARS**

**KENYA BUREAU OF STANDARDS
P.O. BOX 54974-00200
NAIROBI.
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KEBS/T007/2025/2026

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- 1. PART 1- TENDERING PROCEDURES**
- 2. Section I - Instructions to Tenderers (ITT)**
3. This Section provides relevant information to help tenderers prepare their tenders. Information is also provided on the submission, opening, and evaluation of tenders and on the award of Contracts. Section I contains provisions that are to be used without modification by the Procuring Entity or by a Tenderer.
- 4. Section II - Tender Data Sheet (TDS)**
5. This Section includes provisions that are specific to each procurement and that supplement Section I, Instructions to Tenderers. This section shall be completed appropriately by the Procuring Entity and not by a Tenderer. In any case, the Procuring Entity shall not add any item in the **TDS** not included in the Standard Tender Document.
- 6. Section III - Evaluation and Qualification Criteria**
7. This Section specifies the criteria to determine the Lowest Evaluated Tender that would be considered for contract award; that is the tenderer that meets the qualification criteria and whose tender has been determined to be:
 8. substantially responsive to the bidding document, and
 9. the lowest evaluated cost.
10. No other criterion shall be added by the Procuring Entity. Some parts of this section may be omitted by the Procuring Entity (and not by a Tenderer) to suit the subject procurement. For example, in some cases evaluation may not include Margin of Preference, so any reference to considerations for Margin of Preference will be omitted. The Procuring Entity will complete the parts of the Criterion only as guided and allowed in this section. For example, if the criterion provides “Post qualification and Contract award” and lists an item that says “Other conditions.....”, the Entity shall only include the conditions that are allowed in the Standard Tender Document.
- 11. Section IV – Tendering Forms**
12. This Section includes the Form of Tender and other forms to be filled and submitted by the Tender; e.g. priced Schedules of Requirements, Bills of Quantities, Schedules of technical proposal, including technical and financial qualifications, personnel, financial resources, equipment, Tender Security and others to be completed and submitted by the Tenderer as part of its Tender.
- 13. PART 2 – PROCURING ENTITY’S REQUIREMENTS**
14. This Section contains the Procuring Entity's Schedules of Requirements, Specifications, Drawings, and supplementary information that describe the items to be procured. The Requirements shall also include (if so required) the environmental, social, health and safety requirements to be satisfied by the Tenderer in executing the contract.
- 15. PART 3 – CONDITIONS OF CONTRACT AND CONTRACT FORMS**
- 16. Section VIII -General Conditions of Contract (GCC)**
17. This Section contains the general clauses to be applied in all contracts. This Section contains provisions that are to be used without modification by the Procuring Entity or by a Tenderer.
- 18. Section IX - Special Conditions of Contract (SCC)**
19. The contents of this Section supplement the General Conditions of Contract and shall be prepared by the Procuring Entity.
- 20. Section X - Contract Forms**
21. This Section contains forms which, once completed, will form part of the Contract. The forms, when required, shall only be completed by the successful Tender after Contract award.

1. INVITATION TO TENDER**KEBS P.O BOX 54974-00200 NAIROBI****FRAMEWORK AGREEMENT FOR SUPPLY AND DELIVERY OF LABORATORY CHEMICALS AND CONSUMABLES**

The Kenya Bureau of Standards invites sealed tenders for the **FRAMEWORK AGREEMENT FOR SUPPLY AND DELIVERY OF LABORATORY CHEMICALS AND CONSUMABLES FOR A PERIOD OF 3 YEARS.**

2. Tendering will be conducted under open competitive method (**National Tender**) using a standardized tender document. Tendering is open to qualified and interested Tenderers.
3. Qualified and interested tenderers may obtain further information and inspect the Tender Documents during office hours **from Procurement Office at KEBS Centre, Popo Road, Off Mombasa Road, Behind Bellevue Cinema Nairobi, on normal working days between 9.00 a.m. and 4. 00p.m EAT.**
4. A complete set of tender documents may be purchased or obtained by interested tenders upon payment of a non- refundable fees of **(1,000 Kenya shillings)** in cash or Banker's Cheque and payable to the address given below.
5. Tender documents may be obtained electronically from the **KEBS website: www.kebs.org** and public procurement portal www.tenders.go.ke. Tender documents obtained electronically will be free of charge.
6. Clarification of tender document A prospective tenderer requiring any clarification of the tender document may notify KEBS in writing through.

Website: www.kebs.org
E-MAIL: info@kebs.org
procurement@kebs.org macharias@kebs.org
FAX: 020 609660/ 604031

to facilitate any further clarification or addendum.

7. The Tenderer shall chronologically serialize all pages of the tender documents submitted.
8. Completed tenders must be delivered to the address below:

**THE MANAGING DIRECTOR,
KENYA BUREAU OF STANDARDS,
POPO ROAD OFF MOMBASA ROAD
P.O. BOX 54974 - 00200 NAIROBI.**

AND MUST BE DEPOSITED IN THE TENDER BOX AT KEBS CENTRE MAIN RECEPTION MARKED "TENDER BOX" SO AS TO BE RECEIVED ON OR BEFORE 11.00 A.M. on Tuesday, 16th June 2026.

9. Electronic Tenders *will not be* permitted.
10. Tenders will be opened immediately after the deadline date and time specified above or any deadline date and time specified later. Tenders will be publicly opened in the presence of the Tenderers' designated representatives who choose to attend at the address below.
11. Late tenders will be rejected.
12. The addresses referred to above are:



a. Address for obtaining further information and for purchasing tender documents

Enquiries regarding this Tender may be addressed to the

**CHIEF MANAGER, SUPPLY CHAIN
KENYA BUREAU OF STANDARDS, POPO
ROAD OFF MOMBASA ROAD
P.O. BOX 54974 - 00200
NAIROBI.**

Website: www.kebs.org

E-MAIL: info@kebs.org

procurement@kebs.org, macharias@kebs.org

FAX: 020 609660/ 604031

A. Address for Submission of Tenders.

**THE MANAGING DIRECTOR,
KENYA BUREAU OF STANDARDS,
POPO ROAD OFF MOMBASA ROAD
P.O. BOX 54974 – 00200, NAIROBI.**

**AND MUST BE DEPOSITED IN THE TENDER BOX AT KEBS CENTRE MAIN RECEPTION
MARKED “TENDER BOX” SO AS TO BE RECEIVED ON OR BEFORE 11.00 AM ON
TUESDAY, 16TH JUNE 2026.**

B. Address for Opening of Tenders.

KENYA BUREAU OF STANDARDS

KEBS Centre Conference Room.

MANAGING DIRECTOR



PART 1 - TENDERING PROCEDURES

SECTION I: INSTRUCTIONS TO TENDERERS**A General Provisions****1. Scope of Tender**

- 1.1 The Procuring Entity as defined in the **TDS** invites tenders for supply of goods and, if applicable, any Related Services incidental thereto, as specified in Section V, Supply Requirements. The name, identification, and number of lots (contracts) of this Tender Document are specified in the **TDS**.
- 1.2 Throughout this tendering document:
- a) the term “in writing” means communicated in written form (e.g. by mail, e-mail, fax, including if specified in the **TDS**, distributed or received through the electronic-procurement system used by the Procuring Entity) with proof of receipt;
 - b) if the context so requires, “singular” means “plural” and vice versa;
 - c) “Day” means calendar day, unless otherwise specified as “Business Day”. A Business Day is any day that is an official working day of the Procuring Entity. It excludes official public holidays.

2. Fraud and Corruption

- 2.1 The Procuring Entity requires compliance with the provisions of the Public Procurement and Asset Disposal Act, 2015, Section 62 “Declaration not to engage in corruption”. The tender submitted by a person shall include a declaration that the person shall not engage in any corrupt or fraudulent practice and a declaration that the person or his or her sub-contractors are not debarred from participating in public procurement proceedings.
- 2.2 The Procuring Entity requires compliance with the provisions of the Competition Act 2010, regarding collusive practices in contracting. Any tenderer found to have engaged in collusive conduct shall be disqualified and criminal and/or civil sanctions may be imposed. To this effect, Tenders shall be required to complete and sign the “Certificate of Independent Tender Determination” annexed to the Form of Tender.
- 2.3 Unfair Competitive Advantage - Fairness and transparency in the tender process require that the firms or their Affiliates competing for a specific assignment do not derive a competitive advantage from having provided consulting services related to this tender. To that end, the Procuring Entity shall indicate in the **Data Sheet** and make available to all the firms together with this tender document all information that would in that respect give such firm any unfair competitive advantage over competing firms.

3. Eligible Tenderers

- 3.1 A Tenderer may be a firm that is a private entity, an individual, a state-owned enterprise or institution subject to ITT 3.7, or any combination of such entities in the form of a joint venture (JV) under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent. Public employees and their close relatives (*spouses, children, brothers, sisters and uncles and aunts*) are not eligible to participate in the tender.

In the case of a joint venture, all members shall be jointly and severally liable for the execution of the entire Contract in accordance with the Contract terms. The JV shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the Tendering process and, in the event the JV is awarded the Contract, during contract execution. The maximum number of JV members shall be specified in the **TDS**.

- 3.2 Public Officers of the Procuring Entity, their Spouses, Child, Parent, Brothers or Sister.

- Child, Parent, Brother or Sister of a Spouse their business associates or agents and firms/organizations in which they have a substantial or controlling interest shall not be eligible to tender or be awarded a contract. Public Officers are also not allowed to participate in any procurement proceedings.
- 33 A Tenderer shall not have a conflict of interest. Any Tenderer found to have a conflict of interest shall be disqualified. A Tenderer may be considered to have a conflict of interest for the purpose of this Tendering process, if the Tenderer:
- a) directly or indirectly controls, is controlled by or is under common control with another Tenderer; or
 - b) receives or has received any direct or indirect subsidy from another Tenderer; or
 - c) has the same - representative or ownership as another Tenderer; or
 - d) has a relationship with another Tenderer, directly or through common third parties, that puts it in a position to influence the Tender of another Tenderer, or influence the decisions of the Procuring Entity regarding this Tendering process; or
 - e) or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the goods that are the subject of the Tender; or
 - f) or any of its affiliates has been hired (or is proposed to be hired) by the Procuring Entity or Procuring Entity for the Contract implementation; or
 - g) would be providing goods, works, or non-consulting services resulting from or directly related to consulting services for the preparation or implementation of the project specified in the TDS ITT 1.1 that it provided or were provided by any affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm; or has a close business or family relationship with a professional staff of the Procuring Entity (or of the project implementing agency, who: (i) are directly or indirectly involved in the preparation of the tendering document or specifications of the Contract, and/or the Tender evaluation process of such Contract; or (ii) would be involved in the implementation or supervision of such Contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Procuring Entity throughout the Tendering process and execution of the Contract.
- 34 A tenderer shall not be involved in corrupt, coercive, obstructive, collusive or fraudulent practice. A tenderer that is proven to have been involved in any of these practices shall be automatically disqualified.
- 35 A firm that is a Tenderer (either individually or as a JV member) shall not submit more than one Tender, except for permitted alternative Tenders. This includes participation as a subcontractor. Such participation shall result in the disqualification of all Tenders in which the firm is involved. A firm that is not a Tenderer or a JV member, may participate as a subcontractor in more than one Tender. Members of a joint venture may not also make an individual tender, be a subcontractor in a separate tender or be part of another joint venture for the purposes of the same Tender.
- 36 A Tenderer may have the nationality of any country, subject to the restrictions pursuant to ITT3.9. A Tenderer shall be deemed to have the nationality of a country if the Tenderer is constituted, incorporated or registered in and operates in conformity with the provisions of the laws of that country, as evidenced by its articles of incorporation (or equivalent documents of constitution or association) and its registration documents, as the case may be. This criterion also shall apply to the determination of the nationality of proposed subcontractors or sub consultants for any part of the Contract including related Services.
- 37 A Tenderer that has been debarred by the PPRA from participating in public procurement shall be ineligible to tender or be awarded a contract. The list of debarred firms and individuals is available from the PPRA's website www.ppra.go.ke
- 38 Tenderers that are state-owned enterprises or institutions may be eligible to compete and be awarded a Contract(s) only if they are (i) a legal public entity of the state Government and/or public administration, (ii) financially autonomous and not receiving any significant subsidies or budget support from any public entity or Government, and

- (iii) operating under commercial law and vested with legal rights and liabilities similar to any commercial enterprise to enable it compete with firms in the private sector on an equal basis. Public employees and their close relatives are not eligible to participate in the tender.
- 39 Tenderers may be ineligible if their countries of origin (a) as a matter of law or official regulations, Kenya prohibits commercial relations with that country, or(b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, Kenya prohibits any import of goods or contracting for supply of goods or services from that country, or any payments to any country, person, or entity in that country. A tenderer shall provide such documentary evidence of eligibility satisfactory to the Procuring Entity, as the Procuring Entity shall reasonably request.
- 3.10 Tenderers shall provide the qualification information statement that the tenderer (including all members of a joint venture and subcontractors) is not associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Procuring entity to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods under this Invitation for tenders.
- 3.11 Where the law requires tenderers to be registered with certain authorities in Kenya, such registration requirements shall be defined in the **TDS**
- 3.12 The Competition Act of Kenya requires that firms wishing to tender as Joint Venture undertakings which may prevent, distort or lessen competition in provision of services are prohibited unless they are exempt in accordance with the provisions of Section 25 of the Competition Act, 2010. JVs will be required to seek for exemption from the Competition Authority. Exemption shall not be a condition for tender, but it shall be a condition of contract award and signature. A JV tenderer shall be given opportunity to seek such exemption as a condition of award and signature of contract. Application for exemption from the Competition Authority of Kenya may be accessed from the website www.cak.go.ke.
- 3.13 A Kenyan tenderer shall provide evidence of having fulfilled his/her tax obligations by producing a current tax clearance certificate or tax exemption certificate issued by the Kenya Revenue Authority.
- 4 Eligible Goods and Related Services**
- 4.1 All the Goods and Related Services to be supplied under the Contract shall have their origin in any country that is eligible in accordance with ITT 3.9.
- 4.2 For purposes of this ITT, the term “goods” includes commodities, raw material, machinery, equipment, and industrial plants; and “related services” include services such as insurance, installation, training, and initial maintenance.
- 4.3 The term “origin” means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.
- 4.4 A procuring entity shall ensure that the items listed below shall be sourced from Kenya and there shall be no substitutions from foreign sources. The affected items are:
- a) motor vehicles, plant and equipment which are assembled in Kenya;
 - b) furniture, textile, foodstuffs, oil and gas, information communication technology, steel, cement, leather, agro-processed products, sanitary products, and other goods made in Kenya; or
 - c) goods manufactured, mined, extracted or grown in Kenya.
- 4.5 Any goods, works and production processes with characteristics that have been declared

by the relevant national environmental protection agency or by other competent authority as harmful to human beings and to the environment shall not be eligible for procurement.

5 Sections of Tendering Document

- 5.1 The tendering document consist of Parts 1, 2, and 3, which include all the sections indicated below, and should be read in conjunction with any Addenda issued in accordance with ITT8.

PART 1: Tendering Procedures

- i) Section I - Instructions to Tenderers (ITT)
- ii) Section II - Tendering Data Sheet (TDS)
- iii) Section III - Evaluation and Qualification Criteria
- iv) Section IV - Tendering Forms

PART 2: Supply Requirements

- v) Section V - Schedule of Requirements

PART 3: Contract

- vi) Section VI - General Conditions of Contract (GCC)
 - vii) Section VII - Special Conditions of Contract (SCC)
 - viii) Section VIII- Contract Forms
- 52 The notice of Invitation to Tender or the notice to the prequalified Tenderers issued by the Procuring Entity is not part of the tendering document.
- 53 Unless obtained directly from the Procuring Entity, the Procuring Entity is not responsible for the completeness of the document, responses to requests for clarification, the minutes of the pre-tender meeting (if any), or addenda to the tendering document in accordance with ITT7.
- 54 The Tenderer is expected to examine all instructions, forms, terms, and specifications in the tendering document and to furnish with its Tender all information or documentation as is required by the tendering document.

6 Clarification of Tendering Document

- 6.1 A Tenderer requiring any clarification of the Tender Document shall contact the Procuring Entity in writing at the Procuring Entity's address specified in the **TDS** or raise its enquiries during the pre-Tender meeting if provided for in accordance with ITT 6.4. The Procuring Entity will respond in writing to any request for clarification, provided that such request is received no later than the period specified in the **TDS** prior to the deadline for submission of tenders. The Procuring Entity shall forward copies of its response to all tenderers who have acquired the Tender documents in accordance with ITT 5.3, including a description of the inquiry but without identifying its source. If so specified in the **TDS**, the Procuring Entity shall also promptly publish its response at the web page identified in the **TDS**. Should the clarification result in changes to the essential elements of the Tender Documents, the Procuring Entity shall amend the Tender Documents following the procedure under ITT 7.
- 6.2 The Procuring Entity shall specify in the **TDS** if a pre-tender conference will be held, when and where. The Tenderer's designated representative is invited to attend a pre-Tender meeting. The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage.
- 6.3 The Tenderer is requested to submit any questions in writing, to reach the Procuring Entity not later than the period specified in the **TDS** before the meeting.

64 Minutes of the pre-Tender meeting, if applicable, including the text of the questions asked by Tenderers and the responses given, together with any responses prepared after the meeting, will be transmitted promptly to all Tenderers who have acquired the Tender Documents in accordance with ITT 6.3. Minutes shall not identify the source of the questions asked.

65 The Procuring Entity shall also promptly publish anonymized (*no names*) Minutes of the pre-Tender meeting at the web page identified **in the TDS**. Any modification to the Tender Documents that may become necessary as a result of the pre-Tender meeting shall be made by the Procuring Entity exclusively through the issue of an Addendum pursuant to ITT 7 and not through the minutes of the pre-Tender meeting. Nonattendance at the pre-Tender meeting will not be a cause for disqualification of a Tenderer.

7. Amendment of Tendering Document

7.1 At any time prior to the deadline for submission of Tenders, the Procuring Entity may amend the tendering document by issuing addenda.

7.2 Any addendum issued shall be part of the tendering document and shall be communicated in writing to all who have obtained the tender document from the Procuring Entity in accordance with ITT 6.3. The Procuring Entity shall also promptly publish the addendum on the Procuring Entity's web page in accordance with ITT 7.1.

7.3 To give prospective Tenderers reasonable time in which to take an addendum into account in preparing their Tenders, the Procuring Entity may, at its discretion, extend the deadline for the submission of Tenders, pursuant to ITT 21.2.

C. Preparation of Tenders

8 Cost of Tendering

8.1 The Tenderer shall bear all costs associated with the preparation and submission of its Tender, and the Procuring Entity shall not be responsible or liable for those costs, regardless of the conduct or outcome of the Tendering process.

9 Language of Tender

9.1 The Tender, as well as all correspondence and documents relating to the Tender exchanged by the Tenderer and the Procuring Entity, shall be written in English Language. Supporting documents and printed literature that are part of the Tender may be in another language provided they are accompanied by an accurate translation of the relevant passages into the English Language, in which case, for purposes of interpretation of the Tender, such translation shall govern.

10. Documents Comprising the Tender

10.1 The Tender shall comprise the following:

- a) Form of Tender prepared in accordance with ITT11;
- b) Price Schedules: completed in accordance with ITT 11 and ITT 13;
- c) Tender Security or Tender-Securing Declaration, in accordance with ITT 18.1;
- d) Alternative Tender: if permissible, in accordance with ITT12;
- e) Authorization: written confirmation authorizing the signatory of the Tender to commit the Tenderer, in accordance with ITT19.3;
- f) Qualifications: documentary evidence in accordance with ITT 16.2 establishing the Tenderer qualifications to perform the Contract if its Tender is accepted;
- g) Tenderer Eligibility: documentary evidence in accordance with ITT16.1 establishing the Tenderer eligibility to tender;

- h) Eligibility of Goods and Related Services: documentary evidence in accordance with ITT 15, establishing the eligibility of the Goods and Related Services to be supplied by the Tenderer;
 - i) Conformity: documentary evidence in accordance with ITT15.2 that the Goods and Related Services conform to the tender document; and
 - j) any other document required in the **TDS**.
- 102 In addition to the requirements under ITT 10.1, Tenders submitted by a JV shall include a copy of the Joint Venture Agreement entered into by all members. Alternatively, a letter of intent to execute a Joint Venture Agreement in the event of a successful Tender shall be signed by all members and submitted with the Tender, together with a copy of the proposed Agreement.
- 103 The Tenderer shall furnish in the Form of Tender information on commissions gratuities, and fees, if any, paid or to be paid to agents or any other party relating to this Tender.
- 11. Form of Tender and Price Schedules**
- 11.1 The Form of Tender and Price Schedules shall be prepared using the relevant forms furnished in Section IV, Tendering Forms. The forms must be completed without any alterations to the text. All blank spaces shall be filled in with the information requested. The Tenderer shall chronologically serialise pages of all tender documents submitted.
- 12. Alternative Tenders**
- 12.1 Unless otherwise specified **in the TDS**, alternative Tenders shall not be considered.
- 13. Tender Prices and discounts**
- 13.1 The prices quoted by the Tenderer in the Form of Tender and in the Price, Schedules shall conform to the requirements specified below.
- 13.2 All lots (contracts) and items must be listed and priced separately in the Price Schedules.
- 13.3 The price to be quoted in the Form of Tender in accordance with ITT10.1 shall be the total price of the Tender, including any discounts offered.
- 13.4 The Tenderer shall quote any discounts and indicate the methodology for their application in the form of tender. Conditional discounts will be rejected.
- 13.5 Prices quoted by the Tenderer shall be fixed during the performance of the Contract and not subject to variation on any account, unless otherwise specified **in the TDS**. A Tender submitted with an adjustable price quotation shall be treated as non-responsive and shall be rejected, pursuant to ITT 28. However, if in accordance with **the TDS**, prices quoted by the Tenderer shall be subject to adjustment during the performance of the Contract, a Tender submitted with a fixed price quotation shall not be rejected, but the price adjustment shall be treated as zero.
- 13.6 If specified in ITT 1.1, Tenders are invited for individual lots (contracts) or for any combination of lots (packages). Unless otherwise specified **in the TDS**, prices quoted shall correspond to 100 % of the items specified for each lot and to 100% of the quantities specified for each item of a lot. Tenderers wishing to offer discounts for the award of more than one Contract shall specify in their Tender the price reductions applicable to each package, or alternatively, to individual Contracts within the package. Discounts shall be submitted in accordance with ITT 13.4 provided the Tenders for all lots (contracts) are opened at the same time.
- 13.7 The terms EXW, CIP, CIF, DDP and other similar terms shall be governed by the rules prescribed in the current edition of Incoterms, published by the International

Chamber of Commerce.

- 138 Prices shall be quoted as specified in each Price Schedule included in Section IV, Tendering Forms. The disaggregation of price components is required solely for the purpose of facilitating the comparison of Tenders by the Procuring Entity. This shall not in any way limit the Procuring Entity's right to contract on any of the terms offered. In quoting prices, the Tenderer shall be free to use transportation through carriers registered in any eligible country. Similarly, the Tenderer may obtain insurance services from any eligible country in accordance with ITT 3.6, Eligible Tenders. Prices shall be entered in the following manner:
- a) For Goods manufactured in Kenya:
 - i) the price of the Goods quoted EXW (ex-works, ex-factory, ex warehouse, ex showroom, or off-the-shelf, as applicable) final destination point indicated in the **TDS**, including all customs duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;
 - ii) any sales tax and other taxes which will be payable in Kenya on the Goods if the Contract is awarded to the Tenderer; and
 - iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination specified **in the TDS**.
 - b) For Goods manufactured outside Kenya, to be imported:
 - i) the price of the Goods, quoted CIP named place of destination, in Kenya, as specified **in the TDS**;
 - ii) the price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination specified **in the TDS**;
 - c) For Goods manufactured outside Kenya, already imported:
 - i) the price of the Goods, including the original import value of the Goods; plus, any mark-up (or rebate); plus, any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported;
 - ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;
 - iii) any sales and other taxes levied in Kenya which will be payable on the Goods if the Contract is awarded to the Tenderer; and
 - iv) the price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination (Project Site) specified **in the TDS**.
 - d) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements, the price of each item comprising the Related Services (inclusive of any applicable taxes).

14. Currencies of Tender and Payment

- 141 The currency (ies) of the Tender, the currency (ies) of award and the currency (ies) of contract payments shall be the same.
- 142 The Tenderer shall quote in Kenya shillings. If allowed in the **TDS**, the Tenderer may express the Tender price in any currency, provided it shall use no more than two foreign currencies in addition to the Kenya Shilling.
- 143 The rates of exchange to be used by the Tenderer shall be based on the exchange rates provided by the Central Bank of Kenya on the date 30 days prior to the actual

- date of tender opening.
- 15. Documents Establishing the Eligibility and Conformity of the Goods and Related Services**
- 15.1 To establish the eligibility of the Goods and Related Services in accordance with ITT 15, Tenderers shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Tendering Forms.
- 15.2 To establish the conformity of the Goods and Related Services to the tendering document, the Tenderer shall furnish as part of its Tender the documentary evidence that the Goods conform to the technical specifications and standards specified in Section VII, Schedule of Requirements.
- 15.3 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Section VII, Schedule of Requirements.
- 15.4 The Tenderer shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period **specified in the TDS** following commencement of the use of the goods by the Procuring Entity.
- 15.5 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Procuring Entity in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Tenderer may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Procuring Entity's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Section VII, Schedule of Requirements.
- 16. Documents Establishing the Eligibility and Qualifications of the Tenderer**
- 16.1 To establish Tenderer eligibility in accordance with ITT 4, Tenderers shall complete the Form of Tender, included in Section IV, Tendering Forms.
- 16.2 The documentary evidence of the Tenderer qualifications to perform the Contract if its Tender is accepted shall establish to the Procuring Entity's satisfaction:
- a) that, if required **in the TDS**, a Tenderer that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Tendering Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in Kenya;
 - b) that, if required **in the TDS**, in case of a Tenderer not doing business within the Kenya, the Tenderer is or will be (if awarded the Contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications; and
 - c) that the Tenderer meets each of the qualification criterion specified in Section III, Evaluation and Qualification Criteria.
- 17. Period of Validity of Tenders**
- 17.1 Tenders shall remain valid for the Tender Validity period specified **in the TDS**. The Tender Validity period starts from the date fixed for the Tender submission deadline (as prescribed by the Procuring Entity in accordance with ITT 21.1). A Tender valid for a shorter period shall be rejected by the Procuring Entity as non-responsive.
- 17.2 In exceptional circumstances, prior to the expiration of the Tender validity period, the Procuring Entity may request Tenderers to extend the period of validity of their Tenders. The request and the responses shall be made in writing. If a Tender Security is requested in accordance with ITT 18, it shall also be extended for a corresponding period. A Tenderer may refuse the request without forfeiting its Tender Security. A Tenderer granting the request shall not be required or permitted to modify its Tender,

except as provided in ITT 17.3.

- 173 If the award is delayed by a period exceeding the number of days to be specified in the **TDS** days beyond the expiry of the initial tender validity period, the Contract price shall be determined as follows:
- a) in the case of **fixed price** contracts, the Contract price shall be the tender price adjusted by the factor specified **in the TDS**;
 - b) in the case of **adjustable price** contracts, no adjustment shall be made; or in any case, tender evaluation shall be based on the tender price without taking into consideration the applicable correction from those indicated above.
- 18. Tender Security**
- 181 The Tenderer shall furnish as part of its Tender, either a Tender-Securing Declaration or a Tender Security, as specified **in the TDS**, in original form and, in the case of a Tender Security, in the amount and currency specified **in the TDS**.
- 182 A Tender Securing Declaration shall use the form included in Section IV, Tendering Forms.
- 183 If a Tender Security is specified pursuant to ITT 18.1, the Tender Security shall be a demand guarantee in any of the following forms at the Tenderer option:
- i) cash;
 - ii) a bank guarantee;
 - iii) a guarantee by an insurance company registered and licensed by the Insurance Regulatory Authority listed by the Authority; or
 - iv) a letter of credit; or
 - v) guarantee by a deposit taking micro-finance institution, Sacco society, the Youth Enterprise Development Fund or the Women Enterprise Fund.
- 184 If an unconditional guarantee is issued by a non-Bank financial institution located outside Kenya, the issuing non-Bank financial institution shall have a correspondent financial institution located in Kenya to make it enforceable unless the Procuring Entity has agreed in writing, prior to Tender submission, that a correspondent financial institution is not required. In the case of a bank guarantee, the Tender Security shall be submitted either using the Tender Security Form included in Section IV, Tendering Forms, or in another substantially similar format approved by the Procuring Entity prior to Tender submission. The Tender Security shall be valid for thirty (30) days beyond the original validity period of the Tender, or beyond any period of extension if requested under ITT 17.2.
- 185 If a Tender Security is specified pursuant to ITT 18.1, any Tender not accompanied by a substantially responsive Tender Security shall be rejected by the Procuring Entity as non-responsive.
- 186 If a Tender Security is specified pursuant to ITT 18.1, the Tender Security of unsuccessful Tenderers shall be returned as promptly as possible upon the successful Tenderer signing the Contract and furnishing the Performance Security pursuant to ITT 46. The Procuring Entity shall also promptly return the tender security to the tenderers where the procurement proceedings are terminated, all tenders were determined non-responsive or a bidder declines to extend tender validity period.
- 187 The Tender Security of the successful Tenderer shall be returned as promptly as possible once the successful Tenderer has signed the Contract and furnished the required Performance Security.
- 188 The Tender Security may be forfeited or the Tender Securing Declaration executed:
- a) if a Tenderer withdraws its Tender during the period of Tender validity specified by the Tenderer in the Form of Tender, or any extension thereto provided by the Tenderer; or
 - b) if the successful Tenderer fails to:
 - i) sign the Contract in accordance with ITT 45; or

ii) furnish a Performance Security in accordance with ITT 46.

189 Where tender securing declaration is executed, the Procuring Entity shall recommend to the PPRA that PPRA debar the Tenderer from participating in public procurement as provided in the law.

1810 The Tender Security or Tender- Securing Declaration of a JV must be in the name of the JV that submits the Tender. If the JV has not been legally constituted into a legally enforceable JV at the time of Tendering, the Tender Security or Tender- Securing Declaration shall be in the names of all future members as named in the letter of intent referred to in ITT3.1 and ITT 10.2.

1811 A tenderer shall not issue a tender security to guarantee itself.

19. Format and Signing of Tender

191 The Tenderer shall prepare one original of the documents comprising the Tender as described in ITT 11 and clearly mark it "ORIGINAL." Alternative Tenders, if permitted in accordance with ITT 12, shall be clearly marked "ALTERNATIVE." In addition, the Tenderer shall submit copies of the Tender, in the number **specified in the TDS** and clearly mark them "COPY." In the event of any discrepancy between the original and the copies, the original shall prevail.

192 Tenderers shall mark as "CONFIDENTIAL" information in their Tenders which is confidential to their business. This may include proprietary information, trade secrets, or commercial or financially sensitive information.

193 The original and all copies of the Tender shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Tenderer. This authorization shall consist of a written confirmation **as specified in the TDS** and shall be attached to the Tender. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the Tender where entries or amendments have been made shall be signed or initialed by the person signing the Tender.

194 In case the Tenderer is a JV, the Tender shall be signed by an authorized representative of the JV on behalf of the JV, and so as to be legally binding on all the members as evidenced by a power of attorney signed by each members' legally authorized representatives.

195 Any inter-lineation, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Tender.

D. Submission and Opening of Tenders

20 Sealing and Marking of Tenders

20.1 Depending on the sizes or quantities or weight of the tender documents, a tenderer may use an envelope, package or container. The Tenderer shall deliver the Tender in a single sealed envelope, or in a single sealed package, or in a single sealed container bearing the name and Reference number of the Tender, addressed to the Procuring Entity and a warning not to open before the time and date for Tender opening date. Within the single envelope, package or container, the Tenderer shall place the following separate, sealed envelopes:

- a) in an envelope or package or container marked "ORIGINAL", all documents comprising the Tender, as described in ITT 11; and
- b) in an envelope or package or container marked "COPIES", all required copies of the Tender; and
- c) if alternative Tenders are permitted in accordance with ITT 12, and if relevant:
 - i) in an envelope or package or container marked "ORIGINAL – ALTERNATIVE TENDER", the alternative Tender; and
 - ii) in the envelope or package or container marked "COPIES- ALTERNATIVE TENDER", all required copies of the alternative Tender.

- 202 The inner envelopes or packages or containers shall:
- a) bear the name and address of the Procuring Entity.
 - b) bear the name and address of the Tenderer; and
 - c) bear the name and Reference number of the Tender.
- 203 Where a tender package or container cannot fit in the tender box, the procuring entity shall:
- a) Specify in the **TDS where** such documents should be received.
 - b) maintain a record of tenders received and issue acknowledgement receipt note to each tenderer specifying time and date of receipt.
 - c) Ensure all tenders received are handed over to the tender opening committee for opening at the specified opening place and time.
- 204 If an envelope or package or container is not sealed and marked as required, the *Procuring Entity* will assume no responsibility for the misplacement or premature opening of the Tender. Tenders misplaced or opened prematurely will not be accepted.

21. Deadline for Submission of Tenders

- 21.1 Tenders must be received by the Procuring Entity at the address and no later than the date and time specified **in the TDS**. When so specified **in the TDS**, Tenderers shall have the option of submitting their Tenders electronically. Tenderers submitting Tenders electronically shall follow the electronic Tender submission procedures **specified in the TDS**.
- 21.2 The Procuring Entity may, at its discretion, extend the deadline for the submission of Tenders by amending the tendering document in accordance with ITT7, in which case all rights and obligations of the Procuring Entity and Tenderers previously subject to the deadline shall thereafter be subject to the deadline as extended.

22. Late Tenders

- 22.1 The Procuring Entity shall not consider any Tender that arrives after the deadline for submission of Tenders. Any Tender received by the Procuring Entity after the deadline for submission of Tenders shall be declared late, rejected, and returned unopened to the Tenderer.

23. Withdrawal, Substitution, and Modification of Tenders

- 23.1 A Tenderer may withdraw, substitute, or modify its Tender after it has been submitted by sending a written notice, duly signed by an authorized representative, and shall include a copy of the authorization (the power of attorney) in accordance with ITT19.3, (except that withdrawal notices do not require copies). The corresponding substitution or modification of the Tender must accompany the respective written notice. All notices must be:
- a) prepared and submitted in accordance with ITT 20 and 21 (except that withdrawal notices do not require copies), and in addition, the respective envelopes shall be clearly marked "WITHDRAWAL," "SUBSTITUTION," or "MODIFICATION;" and
 - b) received by the Procuring Entity prior to the deadline prescribed for submission of Tenders, in accordance with ITT 22.
- 23.3 Tenders requested to be withdrawn in accordance with ITT 23.1 shall be returned unopened to the Tenderers.
- 23.4 No Tender may be withdrawn, substituted, or modified in the interval between the deadline for submission of Tenders and the expiration of the period of Tender validity specified by the Tenderer on the Form of Tender or any extension thereof.

24. Tender Opening

- 24.1 Except as in the cases specified in ITT 23, the Procuring Entity shall, at the Tender opening, publicly open and read out all Tenders received by the deadline at the date, time and place specified **in the TDS** in the presence of Tenderers' designated representatives who choose to attend, including to attend any specific electronic tender opening procedures if electronic tendering is permitted in accordance with ITT 21.1, shall be as specified **in the TDS**.
- 24.2 First, envelopes marked "WITHDRAWAL" shall be opened and read out and the envelope with the corresponding Tender shall not be opened, but returned to the Tenderer. If the withdrawal envelope does not contain a copy of the "power of attorney" confirming the signature as a person duly authorized to sign on behalf of the Tenderer, the corresponding Tender will be opened. No Tender withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at Tender opening.
- 24.3 Next, envelopes marked "SUBSTITUTION" shall be opened and read out and exchanged with the corresponding Tender being substituted, and the substituted Tender shall not be opened, but returned to the Tenderer. No Tender substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out at Tender opening.
- 24.4 Next, envelopes marked "MODIFICATION" shall be opened and read out with the corresponding Tender. No Tender modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at Tender opening.
- 24.5 Next, all remaining envelopes shall be opened one at a time, reading out: the name of the Tenderer and whether there is a modification; the total Tender Prices, per lot (contract) if applicable, including any discounts and alternative Tenders; the presence or absence of a Tender Security, if required; and any other details as the Procuring Entity may consider appropriate.
- 24.6 Only Tenders, alternative Tenders and discounts that are opened and read out at Tender opening shall be considered further for evaluation. The Form of Tender and pages of the Bills of Quantities are to be initialed by the members of the tender opening committee attending the opening. The number of representatives of the Procuring Entity to sign shall be specified in the **TDS**.
- 24.7 The Procuring Entity shall neither discuss the merits of any Tender nor reject any Tender (except for late Tenders, in accordance with ITT 22.1).
- 24.8 The Procuring Entity shall prepare a record of the Tender opening that shall include, as a minimum:
- a) the name of the Tenderer and whether there is a withdrawal, substitution, or modification;
 - b) the Tender Price, per lot (contract) if applicable, including any discounts;
 - c) any alternative Tenders;
 - d) the presence or absence of a Tender Security or Tender-Securing Declaration, if one was required;
 - e) number of pages of each tender document submitted.
- 24.9 The Tenderers' representatives who are present shall be requested to sign the record. The omission of a Tenderer signature on the record shall not invalidate the contents and effect of the record. A copy of the tender opening register shall be issued to a Tenderer upon request.

E. Evaluation and Comparison of Tenders

25. Confidentiality

- 25.1 Information relating to the evaluation of Tenders and recommendation of contract award, shall not be disclosed to Tenderers or any other persons not officially concerned with the tendering process until the information on Intention to Award the Contract

is transmitted to all Tenderers in accordance with ITT 41.

- 252 Any effort by a Tenderer to influence the Procuring Entity in the evaluation or contract award decisions may result in the rejection of its Tender.
- 253 Notwithstanding ITT 25.2, from the time of Tender opening to the time of Contract Award, if any Tenderer wishes to contact the Procuring Entity on any matter related to the Tendering process, it should do so in writing.

26. Clarification of Tenders

- 26.1 To assist in the examination, evaluation, comparison of the Tenders, and qualification of the Tenderers, the Procuring Entity may, at its discretion, ask any Tenderer for a clarification of its Tender. Any clarification submitted by a Tenderer in respect to its Tender and that is not in response to a request by the Procuring Entity shall not be considered. The Procuring Entity's request for clarification and the response shall be in writing. No change, including any voluntary increase or decrease, in the prices or substance of the Tender shall be sought, offered, or permitted except to confirm the correction of arithmetic errors discovered by the Procuring Entity in the Evaluation of the Tenders, in accordance with ITT 30.

If a Tenderer does not provide clarifications of its Tender by the date and time set in the Procuring Entity's request for clarification, its Tender may be rejected.

27. Deviations, Reservations, and Omissions

- 27.1 During the evaluation of Tenders, the following definitions apply:
- a) "Deviation" is a departure from the requirements specified in the Tendering document;
 - b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the tendering document; and
 - c) "Omission" is the failure to submit part or all of the information or documentation required in the tendering document.

28. Determination of Responsiveness

- 28.1 The Procuring Entity's determination of a Tender's responsiveness is to be based on the contents of the Tender itself, as defined in ITT 28.2.
- 28.2 A substantially responsive Tender is one that meets the requirements of the tendering document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:
- a) if accepted, would:
 - i) affect in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or
 - ii) limit in any substantial way, inconsistent with the tendering document, the Procuring Entity's rights or the Tenderer obligations under the Contract; or
 - b) if rectified, would unfairly affect the competitive position of other Tenderers presenting substantially responsive Tenders.
- 28.2 The Procuring Entity shall examine the technical aspects of the Tender submitted in accordance with ITT 15 and ITT 16, in particular, to confirm that all requirements of Section VII, Schedule of Requirements have been met without any material deviation or reservation, or omission.
- 28.3 If a Tender is not substantially responsive to the requirements of tendering document, it shall be rejected by the Procuring Entity and may not subsequently be made responsive by correction of the material deviation, reservation, or omission.

29. Non-conformities, Errors and Omissions

- 29.1 Provided that a Tender is substantially responsive, the Procuring Entity may waive any non-conformities in the Tender.
- 29.2 Provided that a Tender is substantially responsive, the Procuring Entity may request that the Tenderer submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial non- conformities or omissions in the Tender related to documentation requirements. Such omission shall not be related to any aspect of the price of the Tender. Failure of the Tenderer to comply with the request may result in the rejection of its Tender.
- 29.3 Provided that a Tender is substantially responsive, the Procuring Entity shall rectify quantifiable nonmaterial non-conformities related to the Tender Price. To this effect, the Tender Price shall be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component in the manner specified **in the TDS**. The adjustment shall be based on the *average* price of the item or component as quoted in other substantially responsive Tenders. If the price of the item or component cannot be derived from the price of other substantially responsive Tenders, the Procuring Entity shall use its best estimate.

30. Arithmetical Errors

- 30.1 The tender sum as submitted and read out during the tender opening shall be absolute and final and shall not be the subject of correction, adjustment or amendment in any way by any person or entity.
- 30.2 Provided that the Tender is substantially responsive, the Procuring Entity shall handle errors on the following basis:
- a) Any error detected if considered a major deviation that affects the substance of the tender, shall lead to disqualification of the tender as non-responsive.
 - b) Any errors in the submitted tender arising from a miscalculation of unit price, quantity, subtotal and total bid price shall be considered as a major deviation that affects the substance of the tender and shall lead to disqualification of the tender as non-responsive. and
 - c) if there is a discrepancy between words and figures, the amount in words shall prevail.
- 30.3 Tenderers shall be notified of any error detected in their bid during the notification of a award.

31. Conversion to Single Currency

- 31.1 For evaluation and comparison purposes, the currency(ies) of the Tender shall be converted in a single currency as specified **in the TDS**.

32. Margin of Preference and Reservations

- 32.1 A margin of preference may be allowed on locally manufactured goods only when the contract is open to international tendering, where the tender is likely to attract foreign goods and where the contract exceeds the threshold specified in the Regulations.
- 32.2 For purposes of granting a margin of preference on locally manufactured goods under international competitive tendering, a procuring entity shall not subject the items listed below to international tender and hence no margin of preference shall be allowed. The affected items are:
- a) motor vehicles, plant and equipment which are assembled in Kenya;
 - b) furniture, textile, foodstuffs, oil and gas, information communication technology, steel, cement, leather agro-processing, sanitary products, and other goods made in Kenya; or

- c) goods manufactured, mined, extracted or grown in Kenya.
- 323 A margin of preference shall not be allowed unless it is specified so in the **TDS**.
- 324 Contracts procured on basis of international competitive tendering shall not be subject to reservations to specific groups as provided in ITT 32.5.
- 325 Where it is intended to reserve a contract to a specific group of businesses (these groups are Small and Medium Enterprises, Women Enterprises, Youth Enterprises and Enterprises of persons living with disability, as the case may be), and who are appropriately registered as such by the authority to be specified in the **TDS**, a procuring entity shall ensure that the invitation to tender specifically indicates that only businesses or firms belonging to the specified group are eligible to tender as specified in the **TDS**. No tender shall be reserved to more than one group. If not so stated in the Tender documents, the invitation to tender will be open to all interested tenderers.
- 33. Evaluation of Tenders**
- 331 The Procuring Entity shall use the criteria and methodologies listed in this ITT and Section III, Evaluation and Qualification criteria. No other evaluation criteria or methodologies shall be permitted. By applying the criteria and methodologies, the Procuring Entity shall determine the Lowest Evaluated Tender. This is the Tender of the Tenderer that meets the qualification criteria and whose Tender has been determined to be:
- a) substantially responsive to the tender documents; and
 - b) the lowest evaluated price.
- 332 Price evaluation will be done for Items or Lots (contracts), as specified in the **TDS**; and the Tender Price as quoted in accordance with ITT 14. To evaluate a Tender, the Procuring Entity shall consider the following:
- a) price adjustment due to unconditional discounts offered in accordance with ITT 13.4;
 - b) converting the amount resulting from applying (a) and (b) above, if relevant, to a single currency in accordance with ITT 31;
 - c) price adjustment due to quantifiable non-material non-conformities in accordance with ITT 29.3; and
 - d) any additional evaluation factors specified in the **TDS** and Section III, Evaluation and Qualification Criteria.
- 333 The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be considered in Tender evaluation.
- 334 Where the tender involves multiple lots or contracts, the tenderer will be allowed to tender for one or more lots (contracts). Each lot or contract will be evaluated in accordance with ITT 33.2. The methodology to determine the lowest evaluated tenderer or tenderers based on one lot (contract) or based on a combination of lots (contracts), will be specified in Section III, Evaluation and Qualification Criteria. In the case of multiple lots or contracts, tenderer will be required to prepare the Eligibility and Qualification Criteria Form for each Lot.
- 335 The Procuring Entity's evaluation of a Tender will include and consider:
- a) in the case of Goods manufactured in Kenya, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Tenderer;
 - b) in the case of Goods manufactured outside Kenya, already imported or to be imported, customs duties and other import taxes levied on the imported Good, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Tenderer;

33.6 The Procuring Entity's evaluation of a Tender may require the consideration of other factors, in addition to the Tender Price quoted in accordance with ITT 14. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of Tenders, unless otherwise specified in the TDS from amongst those set out in Section III, Evaluation and Qualification Criteria. The additional criteria and methodologies to be used shall be as specified in ITT 33.2(d).

34. Comparison of Tenders

34.1 The Procuring Entity shall compare the evaluated costs of all substantially responsive Tenders established in accordance with ITT 33.2 to determine the Tender that has the lowest evaluated cost. The comparison shall be on the basis of total cost (place of final destination) prices for all goods and all prices, plus cost of inland transportation and insurance to place of destination, for goods manufactured within the Kenya, together with prices for any required installation, training, commissioning and other services.

35. Abnormally Low Tenders

35.1 An Abnormally Low Tender is one where the Tender price, in combination with other constituent elements of the Tender, appears unreasonably low to the extent that the Tender price raises material concerns with the Procuring Entity as to the capability of the Tenderer to perform the Contract for the offered Tender price.

35.2 In the event of identification of a potentially Abnormally Low Tender by the evaluation committee, the Procuring Entity shall seek written clarification from the Tenderer, including a detailed price analyses of its Tender price in relation to the subject matter of the contract, scope, delivery schedule, allocation of risks and responsibilities and any other requirements of the tendering document.

35.3 After evaluation of the price analysis, in the event that the Procuring Entity determines that the Tenderer has failed to demonstrate its capability to perform the contract for the offered Tender price, the Procuring Entity shall reject the Tender.

36. Abnormally High Tenders

36.4 An abnormally high price is one where the tender price, in combination with other constituent elements of the Tender, appears unreasonably too high to the extent that the Procuring Entity is concerned that it (the Procuring Entity) may not be getting value for money or it may be paying too high a price for the contract compared with market prices or that genuine competition between Tenderers is compromised.

36.5 In case of an abnormally high tender price, the Procuring Entity shall make a survey of the market prices, check if the estimated cost of the contract is correct and review the Tender Documents to check if the specifications, scope of work and conditions of contract are contributory to the abnormally high tenders. The Procuring Entity may also seek written clarification from the tenderer on the reason for the high tender price. The Procuring Entity shall proceed as follows:

- i) If the tender price is abnormally high based on wrong estimated cost of the contract, the Procuring Entity may accept or not accept the tender depending on the Procuring Entity's budget considerations.
- ii) If specifications, scope of work and/or conditions of contract are contributory to the abnormally high tender prices, the Procuring Entity shall reject all tenders and may retender for the contract based on revised estimates, specifications, scope of work and conditions of contract, as the case may be.

36.6 If the Procuring Entity determines that the Tender Price is abnormally too high because genuine competition between tenderers is compromised (*often due to collusion, corruption or other manipulations*), the Procuring Entity shall reject all Tenders and shall institute or cause relevant Government Agencies to institute an investigation on

the cause of the compromise, before retendering.

37. Post-Qualification of the Tenderer

- 37.1 The Procuring Entity shall determine, to its satisfaction, whether the eligible Tenderer that is selected as having submitted the lowest evaluated cost and substantially responsive Tender, meets the qualifying criteria specified in Section III, Evaluation and Qualification Criteria.
- 37.2 The determination shall be based upon an examination of the documentary evidence of the Tenderer qualifications submitted by the Tenderer, pursuant to ITT 15 and 16. The determination shall not take into consideration the qualifications of other firms such as the Tenderer subsidiaries, parent entities, affiliates, subcontractors (other than specialized subcontractors if permitted in the tendering document), or any other firm(s) different from the Tenderer.
- 37.3 An affirmative determination shall be a prerequisite for award of the Contract to the Tenderer. A negative determination shall result in disqualification of the Tender, in which event the Procuring Entity shall proceed to the Tenderer who offers a substantially responsive Tender with the next lowest evaluated cost to make a similar determination of that Tenderer qualifications to perform satisfactorily.

38. Lowest Evaluated Tender

- 38.1 Having compared the evaluated prices of Tenders, the Procuring Entity shall determine the Lowest Evaluated Tender. The Lowest Evaluated Tender is the Tender of the Tenderer that meets the Qualification Criteria and whose Tender has been determined to be:
- a) most responsive to the Tender document; and
 - b) the lowest evaluated price.

39. Procuring Entity's Right to Accept Any Tender, and to Reject Any or All Tenders.

- 39.1 The Procuring Entity reserves the right to accept or reject any Tender, and to annul the Tendering process and reject all Tenders at any time prior to notification Award, without thereby incurring any liability to Tenderers. In case of annulment, all Tenderers shall be notified with reasons and all Tenders submitted and specifically, tender securities, shall be promptly returned to the Tenderers.

F. Award of Contract

40. Award Criteria

- 40.1 The Procuring Entity shall award the Contract to the successful tenderer whose tender has been determined to be the Lowest Evaluated Tender in accordance with procedures in Section 3: Evaluation and Qualification Criteria.

41. Procuring Entity's Right to Vary Quantities at Time of Award

- 41.1 The Procuring Entity reserves the right at the time of Contract award to increase or decrease, by the percentage (s) for items as indicated in the TDS.

42. Notice of Intention to enter into a Contract

Upon award of the contract and Prior to the expiry of the Tender Validity Period the Procuring Entity shall issue a Notification of Intention to Enter into a Contract / Notification of award to all tenderers which shall contain, at a minimum, the following information:

- a) the name and address of the Tenderer submitting the successful tender;

- b) the Contract price of the successful tender;
- c) a statement of the reason(s) the tender of the unsuccessful tenderer to whom the letter is addressed was unsuccessful, unless the price information in (c) above already reveals the reason;
- d) the expiry date of the Standstill Period; and
- e) instructions on how to request a debriefing and/or submit a complaint during the standstill period;

43. Standstill Period

- 43.1 The Contract shall not be awarded earlier than the expiry of a Standstill Period of 14 days to allow any dissatisfied candidate to launch a complaint. Where only one Tender is submitted, the Standstill Period shall not apply.
- 43.2 Where standstill period applies, it shall commence when the Procuring Entity has transmitted to each Tenderer the Notification of Intention to Enter into a Contract to the successful Tenderer.

44. Debriefing by the Procuring Entity

- 44.1 On receipt of the Procuring Entity's Notification of Intention to Enter into a Contract referred to in ITT 41, an unsuccessful tenderer may make a written request to the Procuring Entity for a debriefing on specific issues or concerns regarding their tender. The Procuring Entity shall provide the debriefing within five days of receipt of the request.
- 44.2 Debriefings of unsuccessful Tenderers may be done in writing or verbally. The Tenderer shall bear its own costs of attending such a debriefing meeting.

45. Letter of Award

Prior to the expiry of the Tender Validity Period and upon expiry of the Standstill Period specified in ITT 42, upon addressing a complaint that has been filed within the Standstill Period, the Procuring Entity shall transmit the Letter of Award to the successful Tenderer. The letter of award shall request the successful tenderer to furnish the Performance Security within 21 days of the date of the letter.

46. Signing of Contract

- 46.1 Upon the expiry of the fourteen days of the Notification of Intention to enter into contract and upon the parties meeting their respective statutory requirements, the Procuring Entity shall send the successful Tenderer the Contract Agreement.
- 46.2 Within fourteen (14) days of receipt of the Contract Agreement, the successful Tenderer shall sign, date, and return it to the Procuring Entity.
- 46.3 The written contract shall be entered into within the period specified in the notification of award and before expiry of the tender validity period.

47. Performance Security

- 47.1 Within twenty-one (21) days of the receipt of Letter of Acceptance from the Procuring Entity, the successful Tenderer, if required, shall furnish the Performance Security in accordance with the GCC 18, using for that purpose the Performance Security Form included in Section X, Contract Forms. If the Performance Security furnished by the successful Tenderer is in the form of a bond, it shall be issued by a bonding or insurance company that has been determined by the successful Tenderer to be acceptable to the Procuring Entity. A foreign institution providing a bond shall have a correspondent financial institution located in Kenya, unless the Procuring Entity has agreed in writing that a correspondent financial institution is not required.
- 47.2 Failure of the successful Tenderer to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award

and forfeiture of the Tender Security. In that event the Procuring Entity may award the Contract to the Tenderer offering the next lowest Evaluated Tender.

473 Performance security shall not be required for a contract, if so specified in the TDS.

48. Publication of Procurement Contract

48.1 Within fourteen days after signing the contract, the Procuring Entity shall publish and publicize the awarded contract at its notice boards, entity website; and on the Website of the Authority in manner and format prescribed by the Authority. At the minimum, the notice shall contain the following information:

- a) name and address of the Procuring Entity;
- b) name and reference number of the contract being awarded, a summary of its scope and the selection method used;
- c) the name of the successful Tenderer, the final total contract price, the contract duration.
- d) dates of signature, commencement and completion of contract;
- e) names of all Tenderers that submitted Tenders, and their Tender prices as read out at Tender opening;

49. Procurement Related Complaints and Administrative Review

49.1 The procedures for making a Procurement-related Complaint are as specified in the TDS.

49.2 A request for administrative review shall be made in the form provided under contract forms.

SECTION II – TENDER DATA SHEET (TDS)

The following specific data shall complement, supplement, or amend the provisions in the Instructions to Tenderers (ITT). Whenever there is a conflict, the provisions herein shall prevail over those in ITT.

ITT Reference	Particulars Of Appendix To Instructions To Tenders
A. General	
ITT 1.1	The reference number of the Invitation for Tenders is: KEBS/T007/2025/2026 The Procuring Entity is: KENYA BUREAU OF STANDARDS The name of the Contract is: FRAMEWORK AGREEMENT FOR SUPPLY AND DELIVERY OF LABORATORY CHEMICALS AND CONSUMABLES
ITT 1.2(a)	Electronic –Procurement System: is not applicable The Tender must be submitted no later than: Date: Tuesday, 16th June 2026 Time: at 1100hrs (Kenyan Time). The Tender submission address is: The Managing Director, Kenya Bureau of Standards, Popo Road off Mombasa Road P.O. Box 54974 - 00200 Nairobi. Or be deposited in the Tender Box at KEBS Centre Main Reception marked “TENDER BOX” so as to be received on or before 11.00 am EAT on TUESDAY, 16TH June 2026. Tender opening will be carried out immediately thereafter at the KEBS Centre Conference Room. Tenderers or their representatives are free to attend the tender opening.
ITT 3.1	Members in the Joint Venture (JV): Not Allowed
ITT 3.7	A list of debarred firms and individuals is available on the PPRA’s website: www.ppra.go.ke
B. Contents of Tendering Document	
ITT 6.1	Clarification of tenders requested by the tenderer must be received by KEBS not later than seven (7) days prior to the deadline for closing of tenders. The contact information for requesting clarifications is: E-mail: 1. procurement@kebs.org 2. info@kebs.org 3. macharias@kebs.org KEBS shall reply to any clarifications sought by the tenderer within three (3) working days excluding weekends of receiving the request to enable the tenderer to make timely submission of its tender.
ITT 6.2	A pre-tender conference will not be held
C. Preparation of Tenders	
ITT 12.1	Alternative Tenders “ <i>shall not be</i> ” considered. <i>Evaluation and Qualification Criteria. See Section III for further details</i>

ITT Reference	Particulars Of Appendix To Instructions To Tenders
ITT 13.5	The prices quoted by the Tenderer “ shall not ” be subject to adjustment during the performance of the Contract.
ITT 13.7	The imported goods shall be under DDP. The process shall be inclusive of all taxes.
ITT 13.8 (a) (i) and (iii)	Place of final destination: All goods to be delivered at the head office. Kenya Bureau of Standards, Popo Road Off Mombasa Road P.O. Box 54974 - 00200 Nairobi.
ITT 13.8 (a) (iii)	Kenya Bureau of Standards, Popo Road Off Mombasa Road P.O. Box 54974 - 00200 Nairobi. The incoterm is delivery duty paid DDP. Price shall be in Kenya shillings. The price is fixed for the contract period. The process shall include all related costs and markup.
ITT 13.8 (b) (i)	Named place of destination, in Kenya is Kenya Bureau of Standards, Popo Road Off Mombasa Road P.O. Box 54974 - 00200 Nairobi.
ITT 13.8 (b) (ii)	Price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination which is Prices shall include all related costs and markup.
ITT 14.2	Foreign currency requirements not allowed. Tender Currencies: Prices shall be quoted in Kenya Shillings.
ITT 15.4	Period of time the Goods are expected to be functioning (for the purpose of spare parts): warranty shall be (1) one year.
ITT 16.2 (a)	Manufacturer’s authorization is: “required”
ITT 16.2 (b)	After sales service is: / “required”
ITT 17.1	The Tender validity period: Must remain valid for 182 days after the Tender submission deadline
ITT 17.3	(a) The Number of days beyond the expiry of the initial tender validity period will be 30days. (b) The Tender price shall be adjusted by the following percentages of the tender price: Prices are fixed
ITT 18.1	Tender Security: N/A
ITT 19.1	In addition to the original of the Tender, the number of copies is:

ITT Reference	Particulars Of Appendix To Instructions To Tenders
	Bidders Must submit One (1) original and one (1) Copy. The Tenderer shall seal the original and each copy of the tender in separate envelopes, duly marking the envelopes as “ORIGINAL” and “COPY.” The envelopes shall then be sealed in an outer envelope.
ITT 19.3	The written confirmation of authorization to sign on behalf of the Tenderer shall consist of: <i>the name and description of the documentation required to demonstrate the authority of the signatory to sign the Tender. (Bidder to Indicate).</i>
D. Submission and Opening of Tenders	
ITT 20.3	A tender package or container that cannot fit in the tender box shall be received as follows: At the Main Reception, Kenya Bureau of Standards Centre, Off Mombasa Road, Behind Bellevue Cinema Nairobi.
ITT 21.1	For <u>Tender submission purposes</u> Completed tenders must be delivered to the address below: The Managing Director, Kenya Bureau of Standards, Popo Road Off Mombasa Road P.O. Box 54974 – 00200 Nairobi. AND MUST BE DEPOSITED IN THE TENDER BOX AT KEBS CENTRE MAINRECEPTION MARKED “TENDER BOX” SO AS TO BE RECEIVED ON OR BEFORE 10.00 AM ON TUESDAY, 16TH JUNE 2026.
ITT 22.3 (d)	Deviation in payment schedule: There shall be no deviations in payment schedule. (payment shall be 30 days after, supply, delivery and acceptance of goods)
ITT 24.1	The Tender opening shall take place at: Kenya Bureau of Standards, Popo Road off Mombasa Road P.O. Box 54974 - 00200 Nairobi. Tender opening will be carried out immediately thereafter at the KEBS Centre Conference Room. Tenderers or their representatives are free to attend the tender opening. AT 11.00 AM ON TUESDAY, 16TH JUNE 2026 An online option of the opening of the Technical Proposals is NOT offered:
E. Evaluation and Comparison of Tenders	
ITT 31.1	Tender Currencies Prices shall be quoted in Kenya Shillings.
ITT 32.3	A margin of preference and/or reservation: A margin of preference: The tender is a national Tender and only Citizen contractors are eligible.
ITT 32.5	The invitation to tender is extended to the following group that qualify for Reservations: The tender is a national Tender and only Citizen contractors are eligible.

ITT Reference	Particulars Of Appendix To Instructions To Tenders
	This Invitation for Tenders is open to all Kenyan nationals only.
ITT 33.2	Price evaluation will be done for each item.
ITT 33.6	<p>The adjustments shall be determined using the following criteria, from amongst those set out in Section III, Evaluation and Qualification Criteria: Adjustments are not applicable, and prices are fixed</p> <p>(a) Criteria/ Award Criteria: Award Shall be minimum of Seven bidders per Category. Under the framework agreement award of LPO shall be under the public Procurement and Asset Disposal Regulations Section 103 (2)</p>
	F. Award of Contract
ITT 47.3	<p>Performance security: N/A</p>
ITT 49.1	<p>The procedures for making a Procurement-related Complaint are detailed in the “Notice of Intention to Award the Contract” herein and are also available from the PPRA Website www.ppra.go.ke.</p> <p>If a Tenderer wishes to make a Procurement-related Complaint, the Tenderer should submit its complaint following these procedures, in writing (by the quickest means available, that is either by email or fax), to:</p> <p>For the attention Jane Ndinya Title/position: Chief Manager, Supply Chain Procuring Entity: Kenya Bureau of Standards</p> <p>In summary, a Procurement-related Complaint may challenge any of the following:</p> <ol style="list-style-type: none"> 1. the terms of the Tendering Documents; and 2. the Procuring Entity’s decision to award the contract.
	<p>Cost of major replacement components: Supply and Delivery of Laboratory Chemicals and consumables. All prices shall include all costs and taxes and the incoterm used is the Delivery, Duty Paid (DDP)</p>
SECTION III	<p>Evaluation and Qualification Criteria: As specified in Section III, Evaluation and Qualification Criteria.</p>
SECTION IV	<p>Tendering Forms: All mandatory Forms must be duly filled, signed and stamped by authorized signatories</p>

SECTION III - EVALUATION AND QUALIFICATION CRITERIA

1. General Provisions

- 1.1 Wherever a Tenderer is required to state a monetary amount, Tenderers should indicate the Kenya Shilling equivalent using the rate of exchange determined as follows:
- a) For business turnover or financial data required for each year - Exchange rate prevailing on the last day of the respective calendar year (in which the amounts for that year is to be converted) was originally established.
 - b) Value of single contract - Exchange rate prevailing on the date of the contract signature.
 - c) Exchange rates shall be taken from the publicly available source identified in **the ITT 14.3**. Any error in determining the exchange rates in the Tender may be corrected by the Procuring Entity.
- 1.2 This section contains the criteria that the Procuring Entity shall use to evaluate tender and qualify tenderers. No other factors, methods or criteria shall be used other than those specified in this tender document. The Tenderer shall provide all the information requested in the forms included in Section IV, Tendering Forms. The Procuring Entity should use the Standard Tender Evaluation Report for Goods and Works for evaluating Tenders.

2. Evaluation of Tenders (ITT 33)

2.1 Successful Tender or Tenders

The Procuring Entity shall use the criteria and methodologies listed in this Section to evaluate Tenders. By applying these criteria and methodologies, the Procuring Entity shall determine the successful Tender or Tenders which has/have been determined to:

- a) be substantially responsive to the tender documents;
- b) offer the lowest evaluated cost to the Procuring Entity for all items of Goods to be procured based on either a single Contract or all multiple Contracts combined, as the case may be, in accordance with the ITT 13.6 inviting Tender prices and discounts, and provisions made of the Tender Document for evaluation of tenders and award of contract (s); and
- c) be offered by Tenderer or Tenderers that substantially meet the qualification criteria applicable for Contract or combined Contracts for which they are selected.

2.2 Evaluation of Tenders

Preliminary examination for Determination of Responsiveness

The Procuring Entity will start by examining all tenders to ensure they meet in all respects the eligibility criteria and other mandatory requirements in the ITT, and that the tender is complete in all aspects in meeting the requirements provided for in the preliminary evaluation criteria outlined below. The Standard Tender Evaluation Report Document for Goods and Works for evaluating Tenders provides very clear guide on how to deal with review of these requirements. Tenders that do not pass the Preliminary Examination will be considered non-responsive and will not be considered further.

[The Procuring Entity will provide the preliminary evaluation criteria. To facilitate, a template may be attached or clearly described all information and list of documentation to be submitted by Tenderers to enable preliminary evaluation of the Tender]

PRICE EVALUATION

Consistent with and in addition to the criteria listed in ITT 33.3 and ITT 29.3; and ITT 34 and its subparagraphs the following criteria shall apply:

221 Evaluation of Technical aspects of the Tender

The Procuring Entity shall evaluate the technical aspects of the Tender to determine compliance with the Procuring Entity's requirements under Section V 'Schedule of Requirement' and whether the Tenders are substantially responsive to the Technical Specifications and other Requirements.

222 Evaluation of Commercial Terms and Conditions of the Tender (ITT 33.1(a)):

The Procuring Entity shall determine whether the Tenders are substantially responsive to the Commercial and Contractual Terms and Conditions (e.g. Performance securities, Payment and delivery schedules).

223 Evaluation Criteria (Other Factors) (ITT 33.6)

The Procuring Entity's evaluation of a Tender may take into account, in addition to the Tender Price quoted in accordance with ITT 13.8, one or more of the following factors as specified in ITT 33.2(d) and in TDS ITT 33.6, using the following criteria and methodologies.

a) Delivery schedule.

The Goods specified in the List of Goods are required to be delivered within the acceptable time range (after the earliest and before the final date, both dates inclusive) specified in Section V, Schedule of Requirements. No credit will be given to deliveries before the earliest date, and Tenders offering delivery after the final date shall be treated as non-responsive. Within this acceptable period, an adjustment of [insert the adjustment factor], will be added, for evaluation purposes only, to the Tender price of Tenders offering deliveries later than the "Earliest Delivery Date" specified in Section V, Schedule of Requirements.

b) Deviation in payment schedule.

- i. tenderers shall state their Tender price for the payment schedule outlined in the SCC. Tenders shall be evaluated on the basis of this base price. tenderers are, however, permitted to state an alternative payment schedule and indicate the reduction in Tender price they wish to offer for such alternative payment schedule. The Procuring Entity may consider the alternative payment schedule and the reduced Tender price offered by the tenderer selected on the basis of the base price for the payment schedule outlined in the SCC.
or
- ii. The SCC stipulates the payment schedule specified by the Procuring Entity. If a Tender deviate from the schedule and if such deviation is considered

acceptable to the Procuring Entity, the Tender will be evaluated by calculating interest earned for any earlier payments involved in the terms outlined in the Tender as compared with those stipulated in the SCC, at the rate per annum [insert adjustment rate].

c) Cost of major replacement components, mandatory spare parts, and service.

The list of items and quantities of major assemblies, components, and selected spare parts, likely to be required during the initial period of operation specified in the TDS 15.4, is in the List of Goods. An adjustment equal to the total cost of these items, at the unit prices quoted in each Tender, shall be added to the Tender price, for evaluation purposes only.

or

The Procuring Entity will draw up a list of high-usage and high-value items of components and spare parts, along with estimated quantities of usage in the initial period of operation specified in the TDS 15.4. The total cost of these items and quantities will be computed from spare parts unit prices submitted by the tenderer and added to the Tender price, for evaluation purposes only.

or

Tenderer shall provide along with its Tender, the list of recommended spare parts for Goods offered indicating for each item of spare part the recommended quantity and unit, and total CIP final destination prices required during the initial period of operation specified in the TDS 15.4. The prices offered shall not exceed the prevailing prices charged to other parties by the Tenderer. The cost of such spare parts will not be taken into account for tender evaluation. The Procuring Entity may award the contract for spare parts to the Tenderer that is successful for the supply of Goods, by selecting at its option, from the Tender's list of recommended spare parts, such items and quantities against each as the Procuring Entity may deem appropriate at the unit prices indicated by the Tenderer but not exceeding ----% (present) of the cost of Goods [normally not more than 10% or 15%.]

d) Availability in Kenya of spare parts and after sales services for equipment offered in the Tender.

An adjustment equal to the cost to the Procuring Entity of establishing the minimum service facilities and parts inventories if quoted separately, shall be added to the Tender price, for evaluation purposes only.

e) Life Cycle Costs

If specified in TDS 33.6, an adjustment to consider the additional life cycle costs for the period specified below, such as the operating and maintenance costs of the Goods, will be added to the Tender price, for evaluation purposes only. The adjustment will be evaluated in accordance with the methodology specified below and the following information:

- i) number of years for life cycle cost determination*
- ii) the discount rate to be applied to determine the net present value of the life-cycle-cost is [insert the discount rate];*
- iii) the annual operating and maintenance costs (recurrent costs) shall be determined on the basis of the following methodology: [insert methodology E.G. This should include factors that will be used for determination of life-cycle-cost such as costs of operation and maintenance, residual value at the end of economic life of Goods, major elements that will be used for determination of cost of operation and maintenance such as fuel, power,*

labor, spare parts, etc. unit prices of elements such as fuel, power, etc., quantity of annual usage such as Kms or Hours of operation of Goods, Formula for calculation of LCC, etc];

- iv) and the following information is required from tenderers *[insert any information required from tenderers, including prices e.g. Guaranteed fuel and/or power consumption, cost of labour, spare parts, etc].*

f) Performance and productivity of the equipment: *[insert one of the followings]*

- i) Performance and productivity of the equipment. An adjustment representing the capitalized cost of additional operating costs over the life of the goods will be added to the Tender price, for evaluation purposes if specified in the TDS 33.6. The adjustment will be evaluated based on the drop in the guaranteed performance or efficiency offered in the Tender below the norm of 100, using the methodology specified below.

[Insert the methodology and criteria if applicable e.g. The Following aspects could be considered in the formulation of this methodology and criteria: (i) Tender price for the equipment; ii) Price of spare parts required for AAA years of operations, iii) Adjustments to tender price for omissions, deviations and exceptions to technical and commercial conditions in the tender documents; iv) Capitalized cost savings due to the equipment efficiency at the rate of XXX (specify currency and amount) for each YYY % (percent) above the minimum ZZZ % (percent) efficiency; v) Capitalized cost for the auxiliary power consumption at PPP (specify currency and amount) per KW for AAA years; and vi) Applicable discount rate of BBB%.]

or

- ii) An adjustment to consider the productivity of the goods offered in the Tender will be added to the Tender price, for evaluation purposes only, if specified in ITT 33.6. The adjustment will be evaluated based on the cost per unit of the actual productivity of goods offered in the Tender with respect to minimum required values, using the methodology specified below.

g) Specific additional criteria

[Other specific additional criteria to be considered in the evaluation, and the evaluation method shall be detailed in TDS 34.6][If specific **sustainable procurement technical requirements** have been specified in Section VII-Specification, **either** state that (i) those requirements will be evaluated on a pass/fail (compliance basis) **or** otherwise (ii) in addition to evaluating those requirements on a pass/fail (compliance basis), if applicable, specify the monetary adjustments to be applied to Tender Prices for comparison purposes on account of Tenders that exceed the specified minimum sustainable procurement technical requirements.]

224. Multiple Contracts (ITT 33.4)

Multiple contracts will be permitted in accordance with ITT 33.4. Tenderers are evaluated on basis of Lots and the lowest evaluated tenderer identified for each Lot. The Procuring Entity will select one Option of the two Options listed below for award of Contracts.

OPTION 1

- i) If a tenderer wins only one Lot, the tenderer will be awarded a contract for that Lot, provided the tenderer meets the Eligibility and Qualification Criteria for that Lot.
- ii) If a tenderer wins more than one Lot, the tenderer will be awarded contracts for all won Lots, provided the tenderer meets the aggregate Eligibility and Qualification Criteria for all the Lots. The tenderer will be awarded the combination of Lots for which the tenderer qualifies and the others will be considered for award to second lowest the tenderers.

OPTION 2

The Procuring Entity will consider all possible combinations of won Lots [contract(s)] and determine the combinations with the lowest evaluated price. Tenders will then be awarded to the Tenderer or Tenderers in the combinations provided the tenderer meets the aggregate Eligibility and Qualification Criteria for all the won Lots.

225. Alternative Tenders

(ITT 13.1) An alternative if permitted

under

“A Tenderer may submit an alternative Tender only with a Tender for the base case. The Procuring Entity shall only consider the alternative Tenders offered by the Tenderer whose Tender for the base case was determined to be the Lowest Evaluated Tender.”

or

“A Tenderer may submit an alternative Tender with or without a Tender for the base case. The Procuring Entity shall consider Tenders offered for alternatives as specified in the Technical Specifications of Section V, Schedule of Requirements. All Tenders received, for the base case, as well as alternative Tenders meeting the specified requirements, shall be evaluated on their own merits in accordance with the same procedures, as specified in the ITT 33.”

3. MARGIN OF PREFERENCE

- 31** If the TDS so specifies, the Procuring Entity will grant a margin of preference of 15% (fifteen percent) to Tenderers offering goods manufactured, mined, extracted, grown, assembled or semi-processed in Kenya. Goods assembled or semi-processed in Kenya shall have a local content of not less than 40%.
- 32** The margin of preference will be applied in accordance with, and subject to, the following provisions:
 - a)** Tenderers applying for such preference on goods offered shall provide, as part of the data for qualification, such information, including details of the goods produced in Kenya, so as to determine whether, according to the classification established by the Procuring Entity, a particular category of goods or group of goods qualifies for a margin of preference.
 - b)** After Tenders have been received and reviewed by the Procuring Entity, goods offered in the responsive Tenders shall be assessed to ascertain they are manufactured, mined, extracted, grown, assembled or semi-processed in Kenya. Responsive tenders shall be classified into the following groups:
 - i)** **Group A:** Tenders offering goods manufactured in Kenya, for which
 - (a)** labour, raw materials, and components from within Kenya

- account for more than forty (40) percent of the Ex-Works price; and
(b) the production facility in which they will be manufactured or assembled has been engaged in manufacturing or assembling such goods at least since the date of Tender Submission date;
- ii) **Group B:** All other Tenders offering Goods manufactured in Kenya;
- iii) **Group C:** Tenders offering Goods manufactured outside Kenya that have been already imported or that will be imported.
- c) To facilitate this classification by the Procuring Entity, the Tenderer shall complete whichever version of the Price Schedule furnished in the Tender Documents is appropriate. Incorrect classification may render the Tender non-responsive as no reclassification will be permitted after Tender opening. Tenderers shall provide correct information especially with respect to duties, taxes etc. paid on previously imported Goods and percentage of local labour, materials and components for Goods manufactured in Kenya as any false information which cannot be supported by documentation may render the Tender non-responsive besides other sanctions for providing falsified information.
- d) The Procuring Entity will first review the Tenders to confirm the appropriateness of the Tender group classification to which Tenderers assigned their Tenders in preparing their Tender Forms and Price Schedules.
- e) All evaluated Tenders in each group will then be compared to determine the lowest evaluated Tender of each group. Such lowest evaluated Tenders shall be compared with each other and if as a result of this comparison a Tender from Group A or Group B is the lowest, it shall be selected for the award.
- f) If as a result of the preceding comparison, the lowest evaluated Tender is a Tender from Group C, all Tenders from Group C shall be further compared with the lowest evaluated Tender from Group A after adding to the evaluated price of goods offered in each Tender from Group C, for the purpose of this further comparison only, an amount equal to 15% (fifteen percent) of the respective CIP Tender price for goods to be imported and already imported goods. Both prices shall include unconditional discounts and be corrected for arithmetical errors. If the Tender from Group A is the lowest, it shall be selected for award. If not, the lowest evaluated Tender from Group C shall be selected as per paragraph (e) above.”

4. Post-Qualification of Tenderers (ITT 37)

[Note for Procuring Entity to be deleted before issuing the tender documents.]

4.1 Post-Qualification Criteria (ITT 37.1)

In case the tender was not subject to pre-qualification, the tender that has been determined to be the lowest evaluated tenderer shall be considered for contract award, subject to meeting each of the following conditions (post qualification Criteria applied on a GO/NO GO basis). The Procuring Entity shall carry out the post-qualification of the Tenderer in accordance with ITT 37, using only the requirements specified herein. Requirements not included in the text below shall not be used in the evaluation of the Tenderer's qualifications. The minimum qualification requirements for multiple contracts will be the sum of the minimum requirements for respective individual contracts, unless otherwise specified.

[Note for Procuring Entity to be deleted before issuing the tender documents.]

Select requirements (criteria) for post qualification from below as relevant and appropriate for the nature, size and type of Goods and Services to be procured. Generally, for procurement of Goods, unless the value of the item is very large, the criteria for assessment of Manufacturer's technical capability should always be considered more important than its financial resources. For very small value items, the criteria for financial capability may even be omitted].

42 If the Tenderer is a manufacturer

a) Financial Capability

i) The Tenderer shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the supply cash flow of Kenya Shillings

_____ [or equivalent].

ii) Minimum average annual supply turnover of Kenya Shillings _____ [in sert amount, specify a figure about 2.5 times the total Tender price)] or equivalent calculated as total certified payments received for contracts of goods manufactured and supplied within the last _____ [in ser

t number of years). In case of multiple contracts, limitation will be placed on the number of item(s) that will be awarded to the Tenderer.

b) Experience and Technical Capacity

The Tenderer shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s) using the form provided in Section IV. In case the Tenderer is a JV, experience and demonstrated technical capacity of only the JV shall be taken into account and not of individual members nor their individual experience/capacity will be aggregated unless all members of the JV have been manufacturing and supplying Goods offered in the Tender to the same technology, processing, design, materials, specifications, model number, etc. in all respects such that Goods manufactured have the same functional characteristics, performance parameters, outputs and other guarantees and fully interchangeable which shall be documented along with other required documents demonstrating capacity to the satisfaction of the Procuring Entity in case individual members claim experience. Otherwise, documents evidencing experience and technical capacity shall be in the name of the JV that submitted the Tender. Wherever the Words "Similar Goods" have been used it includes upgrades, latest and improved versions or models of similar specifications and technology. Refer to Form Exp-1 to provide the required information.

[list the requirement(s), including experience in successfully implementing sustainable procurement requirements, if specified in the tender document.] Samples of Experience Requirements:

i) The Tenderer shall be manufacturing similar Goods for the last

_____ (specify the number of years to cover a sufficiently long period ranging from 2 to 5 years depending upon the Goods to be procured).

ii) The Tenderer shall furnish documentary evidence to demonstrate successful completion of at least

_____ (Insert number) of contracts of similar Goods in the last _____ (specify number) each

contract costing at least Kenya shillings _____ equivalent and involving a supply of at least _____ percentage of required quantity (usually the percentage is about 70-80%) in some cases where

Procuring Entity requires deliveries in a scheduled manner over a specified time, include item (iii) below.

- iii) **(Optional)** The installed capacity to manufacture _____ number of items (*specify the relevant item number*) shall not be less than _____ units per _____ (*specify week or month*).
- c) **(Optional) Documentary Evidence of Usage of Goods (When appropriate)**
The Tenderer shall furnish documentary evidence satisfactory to the Procuring Entity to demonstrate that similar Goods as offered in the Tender have been in successful use or operation for the last _____ years. If the Tenderer is a JV, the evidence of demonstrated usage of Goods supplied in the past shall be in the name of the JV.

43 If Tenderer is a Supplier:

If a Tenderer is a Supplier offering the Goods on behalf of or from a Manufacturer under Manufacturer's Authorization Form (Section IV, Tendering Forms), the Manufacturer shall demonstrate the above qualifications 4.2 (b) (i), (ii), and (iii) and the Tenderer shall demonstrate it meets the following criteria.

- i) The Tenderer shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the supply cash flow of Kenya Shillings _____
- ii) Minimum average annual supply turnover of Kenya Shillings _____ [*insert amount*] or equivalent calculated as total certified payments received for contracts in progress and/or completed within the last [*insert of year*] years, divided by [*insert number of years*] years.
- iii) Has satisfactorily and substantially completed at least _____ (*specify number*) contract(s) of a similar nature either within Kenya, the East African Community or abroad, as a prime supplier or a joint venture member, each of a minimum value in Kenya shillings _____ equivalent.

44 History of non-performing contracts:

Tenderer (Supplier or/and manufacturer, and each member of JV in case the Tenderer is a JV, shall demonstrate that Non-performance of a contract did not occur as a result of the default of the Tenderer, manufacturer or the member of JV as the case may be, in the last _____ (*specify years*). The required information shall be furnished as per form CON-2].

45 Pending Litigation

Financial position and prospective long-term profitability of the Single Tenderer, and in the case the Tenderer is a JV, of each member of the JV, shall remain sound according to criteria established with respect to Financial Capability under

paragraph I (i) above assuming that all pending litigation will be resolved against the Tenderer. Tenderer shall provide information on pending litigations as per Form CON-2.

4.6. Litigation History

There shall be no consistent history of court/arbitral award decisions against the Tenderer, in the last _____ (*specify years*). All parties to the contract shall furnish the information on the related Form (CON-2) about any litigation or arbitration resulting from contracts completed or ongoing under its execution over the years specified. A consistent history of awards against the Tenderer or any member of a JV may result in rejection of the tender.

EVALUATION CRITERIA

PRELIMINARY/MANDATORY

EVALUATION

No	MANDATORY REQUIREMENTS (MR)	Indicate page submitted in the tender document
MR 1	Submit 1 (one) Original and 1 (one) copy of the tender document and the documents should be addressed as stated in the invitation to tender	
MR 2	Bidding documents must be paginated. All bidders are required to submit their documents paginated in a continuous ascending order from the first page to the last in this format; (i.e. 1,2, 3.. n) w h e r e n is the last page.	
MR 3	Submit a copy of company's Valid Certificate of Registration Incorporation/Business name.	
MR 4	Provide copy of the company's current KRA Tax Compliance Certificate (To be verified on the KRA TCC Checker)	
MR 5	Copy of CR12 not more than 12 months from the date of closing of this tender issued by registrar of companies and national IDs for the Directors.	
MR 6	Submit valid County Government Business Permit	
MR 7	Duly completed certificate of independent tender determination form filled, signed and stamped.	
MR 8	Duly completed self-declaration that the person/tenderer is not debarred in the matter of the public procurement and asset disposal Act 2015 form filled, signed and Stamped (FORM SD1)	
MR 9	Duly completed Self Declaration that the person/tenderer will not engage in any corrupt or fraudulent practice form filled, signed and Stamped (FORM SD2)	
MR 10	Duly completed Declaration and commitment to the code of ethics form filled, signed and stamped	
MR 11	Duly completed Tenderer information form filled, signed and stamped	
MR 12	Duly filled, signed and stamped Tenderer Eligibility Confidential Business Questionnaire Form	
MR 13	Price schedule duly filled, signed and stamped by the tenderer.	
MR 14	Signed Power of Attorney authorizing the signing of the bid document certified by commissioner of oaths.	

NOTE: Failure to provide any of the above-mentioned documents will lead to automatic disqualification of the firm at the mandatory evaluation stage. The bidders that will meet the mandatory requirements above will qualify to proceed to technical evaluation stage.

TECHNICAL EVALUATION CRITERIA

Bidders Must pass through all the technical requirements to be considered for financial evaluation evaluation.

No.	Technical Requirement	Marks	Score
1.	Attach full set of audited bank accounts for the last three years 2023,2024 and 2025. Relevant pages must be initialized and stamped by both a practicing Auditor registered with ICPAK and one of the directors.	10	
2	The firm should have 5 years' experience in supply and delivery of Laboratory chemicals and consumables. 5 or more years of experience – 10 Marks Less than 5 years – 0 Mark (Firm to provide Contracts/ /LPOs from at least 5 firms to demonstrate similar assignments in the last 5 years) this will also be verified.	10	
3	Submit five (5) Verifiable Reference sites where assignment has been conducted and full delivery done in the last 5 years (4 Marks each per Contracts/ /LPOs to a maximum of 20 Marks)	20	
4	Submit five (5) recommendations/reference letters in official client letterheads addressed to Managing Director KEBS where you are currently conducting similar assignment. (4 Marks each recommendation/reference letter to a maximum of 20 Marks) To be verified	20	
5	Proof of dealership/agent/representative of the manufacturer. This must be on a manufacturer's letterhead and addressed to the managing Director Kenya Bureau of Standards that is BOTH TENDER AND ITEM SPECIFIC and signed by an authorized signatory (To be verified)	20	
6	Maximum accumulative volume of business handled in the last 5 years (Must attach LPO's/Contracts signed and stamped) (To be verified) a.) Above 20 million-10 marks b.)10-20 million -5 marks c.) Below 10 million- 0 marks	10	
7	Attach bank reference letter stating your credit worthiness addressed to the Managing Director KEBS	5	
8	Provide a delivery plan	5	
Total		100	
Pass Mark		85	

NOTE: Only bidders who are successful at this stage will proceed to the financial stage of evaluation.

SECTION IV - TENDERING FORMS

Form of Tender Tenderer Information Form Tenderer JV Members Information Form
Price Schedule: Goods Manufactured Outside Kenya, to be Imported Price Schedule: Goods
Manufactured Outside Kenya, already imported Price Schedule: Goods Manufactured in Kenya
Price and Completion Schedule – Related Services Form of Tender Security – Demand
Guarantee Form of Tender Security (Tender Bond)
Form of Tender-Securing Declaration Manufacturer’s Authorization Form

FORM OF TENDER**INSTRUCTIONS TO TENDERERS**

- i) *The Tenderer must prepare this Form of Tender on stationery with its letterhead clearly showing the Tenderer's complete name and business address.*
- ii) *All italicized text is to help Tenderer in preparing this form.*
- iii) *Tenderer must complete and sign CERTIFICATE OF INDEPENDENT TENDER DETERMINATION and the SELF DECLARATION OF THE TENDERER attached to this Form of Tender.*

Date of this Tender submission [insert date (as day, month and year) of Tender

submission] **Tender Name and Identification** [insert

identification] **Alternative No.** [insert identification No if this is a

Tender for an alternative]

To [Insert complete name of Procuring Entity]

- a) **No reservations:** We have examined and have no reservations to the Tendering document, including Addenda issued in accordance with Instructions to tenderers (ITT7);
- b) **Eligibility:** We meet the eligibility requirements and have no conflict of interest in accordance with ITT 3;
- c) **Tender/Proposal-Securing Declaration:** We have not been suspended nor declared ineligible by the Procuring Entity based on execution of a Tender-Securing Declaration, or Proposal-Securing Declaration in Kenya in accordance with ITT 3.6;
- d) **Conformity:** We offer to supply in conformity with the Tendering document and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods: [insert a brief description of the Goods and Related Services];
- e) **Tender Price:** The total price of our Tender, excluding any discounts offered in item (f) below is:

Option 1, in case of one lot: Total price is: [insert the total price of the Tender in words and figures, indicating the various amounts and the respective currencies];

or

Option 2, in case of multiple lots: (a) Total price of each lot [insert the total price of each lot in words and figures, indicating the various amounts and the respective currencies]; and (b) Total price of all lots (sum of all lots) [insert the total price of all lots in words and figures, indicating the various amounts and the respective currencies];

- f) **Discounts:** The discounts offered and the methodology for their application are:
 - i) The discounts offered are: [Specify in detail each discount offered.]
 - ii) The exact method of calculations to determine the net price after application of discounts are shown below: [Specify in detail the method that shall be used to apply the discounts];

- g) **Tender Validity Period:** Our Tender shall be valid for the period specified in TDS 17.1 (as amended, if applicable) from the date fixed for the Tender submission deadline specified in TDS 21.1 (as amended, if applicable), and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (h) **Performance Security:** If our Tender is accepted, we commit to obtain a performance security in accordance with the Tendering document;
- i) **One Tender per tenderer:** We are not submitting any other Tender(s) as an individual tenderer, and we are not participating in any other Tender(s) as a Joint Venture member, or as a subcontractor, and meet the requirements of ITT 3.9, other than alternative Tenders submitted in accordance with ITT 12;
- j) **Suspension and Debarment:** We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the Procuring Entity. Further, we are not ineligible under the Kenya laws or official regulations or pursuant to a decision of the United Nations Security Council;
- k) **State-owned enterprise or institution:** *[select the appropriate option and delete the other] [We are not a state-owned enterprise or institution] / [We are a state-owned enterprise or institution but meet the requirements of ITT 3.7];*
- l) **Commissions, gratuities, fees:** We have paid, or will pay the following commissions, gratuities, or fees with respect to the Tendering process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity]*

Name of Recipient	Address	Reason	Amount

(If none has been paid or is to be paid, indicate “none.”)

- m) **Binding Contract:** We understand that this Tender, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed;
- n) **Procuring Entity Not Bound to Accept:** We understand that you are not bound to accept the lowest evaluated cost Tender, the Best Evaluated Tender or any other Tender that you may receive; and
- o) **Fraud and Corruption:** We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf engages in any type of Fraud and Corruption.
- (p) **Code of Ethical Conduct:** We undertake to adhere by the Code of Ethics for Persons Participating in Public Procurement and Asset Disposal, copy available from _____ *(specify website)* during the procurement process and the execution of any resulting contract.
- (q) **Collusive practices:** We hereby certify and confirm that the tender is genuine, non-collusive and made with the intention of accepting the contract if awarded. To this effect we have signed the “Certificate of Independent tender Determination” attached below.

- (f) We, the Tenderer, have completed fully and signed the following Forms as part of our Tender:
- a) Tenderer's Eligibility; Confidential Business Questionnaire – to establish we are not in any conflict to interest.
 - b) Certificate of Independent Tender Determination – to declare that we completed the tender without colluding with other tenderers.
 - c) Self-Declaration of the Tenderer – to declare that we will, if awarded a contract, not engage in any form of fraud and corruption.
 - d) Declaration and commitment to the Code of Ethics for Persons Participating in Public Procurement and Asset Disposal.

Further, we confirm that we have read and understood the full content and scope of fraud and corruption as informed in “**Appendix 1- Fraud and Corruption**” attached to the Form of Tender.

Name of the tenderer: **[insert complete name of the tenderer]*

Name of the person duly authorized to sign the Tender on behalf of the tenderer:
***[insert complete name of person duly authorized to sign the Tender]*

Title of the person signing the Tender: *[insert complete title of the person signing the Tender]*

Signature of the person named above: *[insert signature of person whose name and capacity are shown above]* **Date signed** *[insert date of signing]* **day of** *[insert month]*, *[insert year]*

*: In the case of the Tender submitted by a Joint Venture specify the name of the Joint Venture as tenderer.

** : Person signing the Tender shall have the power of attorney given by the tenderer. The power of attorney shall be attached with the Tender Schedules.

CERTIFICATE OF INDEPENDENT TENDER DETERMINATION

I, the undersigned, in submitting the accompanying Letter of Tender to the _____
_____ [Name of Procuring
Entity] for: _____ [Name and number of
tender] in response to the request for tenders made by: _____ [Name of Tenderer]
do hereby make the following statements that 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 the Tender will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am the authorized representative of the Tenderer with authority to sign this Certificate, and to submit the Tender on behalf of the Tenderer;
4. For the purposes of this Certificate and the Tender, I understand that the word “competitor” shall include any individual or organization, other than the Tenderer, whether or not affiliated with the Tenderer, who:
 - a) has been requested to submit a Tender in response to this request for tenders;
 - b) could potentially submit a tender in response to this request for tenders, based on their qualifications, abilities or experience;
5. The Tenderer discloses that [check one of the following, as applicable]:
 - a) The Tenderer has arrived at the Tender independently from, and without consultation, communication, agreement or arrangement with, any competitor;
 - b) the Tenderer has entered into consultations, communications, agreements or arrangements with one or more competitors regarding this request for tenders, and the Tenderer discloses, in the attached document(s), complete details thereof, including the names of the competitors and the nature of, and reasons for, such consultations, communications, agreements or arrangements;
6. In particular, without limiting the generality of paragraphs (5)(a) or (5)(b) above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - a) prices;
 - b) methods, factors or formulas used to calculate prices;
 - c) the intention or decision to submit, or not to submit, a tender; or
 - d) the submission of a tender which does not meet the specifications of the request for Tenders; except as specifically disclosed pursuant to paragraph (5)(b) above;
7. In addition, there has been no consultation, communication, agreement or arrangement with any competitor regarding the quality, quantity, specifications or delivery particulars of the works or services to which this request for tenders relates, except as specifically authorized by the procuring authority or as specifically disclosed pursuant to paragraph (5)(b) above;
8. the terms of the Tender have not been, and will not be, knowingly 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, whichever comes first, unless otherwise required by law or as specifically disclosed pursuant to paragraph (5)(b) above.

Name



Title

Date

[Name, title and signature of authorized agent of Tenderer and Date]



SELF-DECLARATION FORMS

FORM SD1

SELF DECLARATION THAT THE PERSON/TENDERER IS NOT DEBARRED IN THE MATTER OF THE PUBLIC PROCUREMENT AND ASSET DISPOSAL ACT 2015.

I of Post Office Box..... being a resident of in the Republic of.....do hereby make a statement as follows: -

- 1. THAT I am the Company Secretary/ Chief Executive/Managing Director/Principal Officer/Director of (insert name of the Company) who isa Bidder in respect of Tender No. for..... (insert tender title/description) for.....(insert name of the Procuring entity) and duly authorized and competent to make this statement.
2. THAT the aforesaid Bidder, its Directors and subcontractors have not been debarred from participating in procurement proceeding under Part IV of the Act.
3. THAT what is deponed to herein above is true to the best of my knowledge, information, and belief.

..... (Title)

..... (Signature)

..... (Date)

Bidder Official Stamp



FORM SD2

SELF DECLARATION THAT THE PERSON/TENDERER WILL NOT ENGAGE IN ANY CORRUPT OR FRAUDULENT PRACTICE

I, of P.O. Box.....being a resident of..... in the Republic of.....do hereby make a statement as follows: -

- 1. THAT I am the Chief Executive/Managing Director/Principal Officer/Director of..... (insert name of the Company) who is a Bidder in respect of Tender No. for..... (Insert tender title/description) for.....(insert name of the Procuring entity) and duly authorized and competent to make this statement.
2. THAT the aforesaid Bidder, its servants and/or agents /subcontractors will not engage in any corrupt or fraudulent practice and has not been requested to pay any inducement to any member of the Board, Management, Staff and/or employees and/or agents of(insert name of the Procuring entity) which is the procuring entity.
3. THAT the aforesaid Bidder, its servants and/or agents /subcontractors have not offered any inducement to any member of the Board, Management, Staff and/or employees and/or agents of(name of the procuring entity).
4. THAT the aforesaid Bidder will not engage/has not engaged in any corrosive practice with other bidders participating in the subject tender.
5. THAT what is deponed to herein above is true to the best of my knowledge information and belief.

..... (Title)

..... (Signature)

..... (Date)

Bidder's Official Stamp



DECLARATION AND COMMITMENT TO THE CODE OF ETHICS

I..... (Person) on behalf of (Name of the Business/ Company/Firm)..... declare that I have read and fully understood the contents of the Public Procurement & Asset Disposal Act, 2015, Regulations and the Code of Ethics for persons participating in Public Procurement and Asset Disposal and my responsibilities under the Code.

I do hereby commit to abide by the provisions of the Code of Ethics for persons participating in Public Procurement and Asset Disposal.

Name of Authorized signatory.....

Sign.....

Position.....

Office address..... Telephone.....

E-mail.....

Name of the Firm/Company.....

Date.....

(Company Seal/ Rubber Stamp where applicable)

Witness

Name

Sign.....

Date.....

APPENDIX 1- FRAUD AND CORRUPTION**1. Purpose**

- 1.1 The Government of Kenya's Anti-Corruption and Economic Crime laws and their sanction's policies and procedures, Public Procurement and Asset Disposal Act (*no. 33 of 2015*) and its Regulation, and any other Kenya's Acts or Regulations related to Fraud and Corruption, and similar offences, shall apply with respect to Public Procurement Processes and Contracts that are governed by the laws of Kenya.

2. Requirements

- 2.1 The Government of Kenya requires that all parties including Procuring Entities, Tenderers, (applicants/proposers), Consultants, Contractors and Suppliers; any Sub-contractors, Sub-consultants, Service providers or Suppliers; any Agents (whether declared or not); and any of their Personnel, involved and engaged in procurement under Kenya's Laws and Regulation, observe the highest standard of ethics during the procurement process, selection and contract execution of all contracts, and refrain from Fraud and Corruption and fully comply with Kenya's laws and Regulations as per paragraphs 1.1 above.
- 2.2 Kenya's public procurement and asset disposal act (*no. 33 of 2015*) under Section 66 describes rules to be followed and actions to be taken in dealing with Corrupt, Coercive, Obstructive, Collusive or Fraudulent practices, and Conflicts of Interest in procurement including consequences for offences committed. A few of the provisions noted below highlight Kenya's policy of no tolerance for such practices and behavior:
- 1) a person to whom this Act applies shall not be involved in any corrupt, coercive, obstructive, collusive or fraudulent practice; or conflicts of interest in any procurement or asset disposal proceeding;
 - 2) A person referred to under subsection (1) who contravenes the provisions of that sub-section commits an offence;
 - 3) Without limiting the generality of the subsection (1) and (2), the person shall be—
 - a) disqualified from entering into a contract for a procurement or asset disposal proceeding; or
 - b) if a contract has already been entered into with the person, the contract shall be voidable;
 - 4) The voiding of a contract by the procuring entity under subsection (7) does not limit any legal remedy the procuring entity may have;
 - 5) An employee or agent of the procuring entity or a member of the Board or committee of the procuring entity who has a conflict of interest with respect to a procurement:
 - a) shall not take part in the procurement proceedings;
 - b) shall not, after a procurement contract has been entered into, take part in any decision relating to the procurement or contract; and
 - c) shall not be a subcontractor for the bidder to whom was awarded contract, or a member of the group of bidders to whom the contract was awarded, but the subcontractor appointed shall meet all the requirements of this Act.
 - 6) An employee, agent or member described in subsection (1) who refrains from doing anything prohibited under that subsection, but for that subsection, would have been within his or her duties shall disclose the conflict of interest to the procuring entity;
 - 7) If a person contravenes subsection (1) with respect to a conflict of interest described in subsection (5)(a) and the contract is awarded to the person or his relative or to another person in whom one of them had a direct or indirect pecuniary interest, the contract shall be terminated and all costs incurred by the public entity shall be made good by the awarding officer. Etc.

- 23 In compliance with Kenya's laws, regulations and policies mentioned above, the Procuring Entity:
- a) Defines broadly, for the purposes of the above provisions, the terms set forth below as follows:
 - i) "corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
 - ii) "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
 - iii) "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
 - iv) "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
 - v) "obstructive practice" is:
 - deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede investigation by Public Procurement Regulatory Authority (PPRA) or any other appropriate authority appointed by Government of Kenya into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or
 - acts intended to materially impede the exercise of the PPRA's or the appointed authority's inspection and audit rights provided for under paragraph 2.3 e. below.
 - b) Defines more specifically, in accordance with the above procurement Act provisions set forth for fraudulent and collusive practices as follows:

"fraudulent practice" includes a misrepresentation of fact in order to influence a procurement or disposal process or the exercise of a contract to the detriment of the procuring entity or the tenderer or the contractor, and includes collusive practices amongst tenderers prior to or after tender submission designed to establish tender prices at artificial non-competitive levels and to deprive the procuring entity of the benefits of free and open competition.
 - c) Rejects a proposal for award¹ of a contract if PPRA determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
 - d) Pursuant to the Kenya's above stated Acts and Regulations, may sanction or debar or recommend to appropriate authority (ies) for sanctioning and debarment of a firm or individual, as applicable under the Acts and Regulations;
 - e) Requires that a clause be included in Tender documents and Request for Proposal documents requiring (i) Tenderers (applicants/proposers), Consultants, Contractors, and Suppliers, and their Sub-contractors, Sub-consultants, Service providers, Suppliers, Agents personnel, permit the PPRA or any other appropriate authority appointed by Government of Kenya to inspect² all accounts, records and other

documents relating to the procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the PPRA or any other appropriate authority appointed by Government of Kenya; and

- f) Pursuant to Section 62 of the above Act, requires Applicants/Tenderers to submit along with their Applications/Tenders/Proposals a “Self-Declaration Form” as included in the procurement document declaring that they and all parties involved in the procurement process and contract execution have not engaged/will not engage in any corrupt or fraudulent practices.

¹For the avoidance of doubt, a party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and tendering, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

² Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Investigating Authority or persons appointed by the Procuring Entity to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.



TENDERER INFORMATION FORM

[The tenderer shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date: [insert date (as day, month and year) of Tender submission]

Tender Name and Identification [Insert identification]

Alternative No.: [insert identification No if this is a Tender for an alternative]

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1. Tenderer's Name <i>[insert Tenderer's legal name]</i>
2. In case of JV, legal name of each member: <i>[insert legal name of each member in JV]</i>
3. Tenderer's actual or intended country of registration: <i>[insert actual or intended country of registration]</i>
4. Tenderer's year of registration: <i>[insert Tenderer's year of registration]</i>
5. Tenderer's Address in country of registration: <i>[insert Tenderer's legal address in country of registration]</i>
6. Tenderer's Authorized Representative Information Name: <i>[insert Authorized Representative's name]</i> Address: <i>[insert Authorized Representative's Address]</i> Telephone/Fax numbers: <i>[insert Authorized Representative's telephone/fax numbers]</i> Email Address: <i>[insert Authorized Representative's email address]</i>
7. Attached are copies of original documents of <i>[check the box(es) of the attached original documents]</i> <input type="checkbox"/> For Kenyan Tenderers a current tax clearance certificate or tax exemption certificate issued by the Kenya Revenue Authority in accordance with ITT 3.14. <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above, in accordance with ITT 3.4. <input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement, in accordance with ITT 3.1. <input type="checkbox"/> In case of state-owned enterprise or institution, in accordance with ITT 4.6 documents establishing: (i) Legal and financial autonomy (ii) Operation under commercial law (iii) Establishing that the tenderer is not under the supervision of the Procuring Entity
2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.



TENDERER’S ELIGIBILITY- CONFIDENTIAL BUSINESS QUESTIONNAIRE FORM

a) Instruction to Tenderer

Tender is instructed to complete the particulars required in this Form, one form for each entity if Tender is a JV. Tenderer is further reminded that it is an offence to give false information on this Form.

A. Tenderer’s details

	ITEM	DESCRIPTION
1	Name of the Procuring Entity	
2	Name of the Tenderer	
3	Full Address and Contact Details of the Tenderer.	1. Country 2. City 3. Location 4. Building 5. Floor 6. Postal Address 7. Name and email of contact person.
4	Reference Number of the Tender	
5	Date and Time of Tender Opening	
6	Current Trade License No and Expiring date	
7	Maximum value of business which the Tenderer handles.	
8		

General and Specific Details

b) Sole Proprietor, provide the following details.

Name in full _____

Age _____ Nationality _____

Country of Origin _____ Citizenship _____

c) Partnership, provide the following details.

	Names of Partners	Nationality	Citizenship	% Shares owned
1				
2				
3				

(d) Registered Company, provide the following details.

i) Private or public Company _____

ii) State the nominal and issued capital of the Company-

Nominal Kenya Shillings (Equivalent)
 Issued Kenya Shillings (Equivalent)

iii) Give details of Directors as follows.

	Names of Director	Nationality	Citizenship	% Shares owned
1				
2				
3				

(e) DISCLOSURE OF INTEREST- Interest of the Firm in the Procuring Entity.

(i) Are there any person/persons in (*Name of Procuring Entity*) who has an interest or relationship in this firm? Yes/No.....

If yes, provide details as follows.

	Names of Person	Designation in the Procuring Entity	Interest or Relationship with Tenderer
1			
2			
3			

(ii) Conflict of interest disclosure

	Type of Conflict	Disclosure YES OR NO	If YES provide details of the relationship with Tenderer
1	Tenderer is directly or indirectly controlled by or is under common control with another tenderer.		
2	Tenderer receives or has received any direct or indirect subsidy from another tenderer.		
3	Tenderer has the same legal representative as another tenderer		
4	Tender has a relationship with another tenderer, directly or through common third parties that puts it in a position to influence the tender of another tenderer, or influence the decisions of the Procuring Entity regarding this tendering process.		
5	Any of the Tenderer's affiliates participated as a consultant in the preparation of the design or technical specifications of the works that are the subject of the tender.		
6	Tenderer would be providing goods, works, non-consulting		



	Type of Conflict	Disclosure YES OR NO	If YES provide details of the relationship with Tenderer
	services or consulting services during implementation of the contract specified in this Tender Document.		
7	Tenderer has a close business or family relationship with a professional staff of the Procuring Entity who are directly or indirectly involved in the preparation of the Tender document or specifications of the Contract, and/or the Tender evaluation process of such contract.		
8	Tenderer has a close business or family relationship with a professional staff of the Procuring Entity who would be involved in the implementation or supervision of the Contract.		
9	Has the conflict stemming from such relationship stated in item 7 and 8 above been resolved in a manner acceptable to the Procuring Entity throughout the tendering process and execution of the Contract?		

(f) Certification

On behalf of the Tenderer, I certify that the information given above is correct.

Full Name _____

Title or Designation _____

(Signature)

(Date)



TENDERER'S JV MEMBERS INFORMATION FORM

[The tenderer shall fill in this Form in accordance with the instructions indicated below. The following table shall be filled in for the tenderer and for each member of a Joint Venture]].

Date:[insert date (as day, month and year) of Tender submission].

Tender Name and Identification:.....[insert identification Alternative No.:.....[insert identification No if this is a Tender for an alternative].

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1.	Tenderer's Name: [insert Tenderer's legal name]
2.	Tenderer's JV Member's name: [insert JV's Member legal name]
3.	Tenderer's JV Member's country of registration: [insert JV's Member country of registration]
4.	Tenderer's JV Member's year of registration: [insert JV's Member year of registration]
5.	Tenderer's JV Member's legal address in country of registration: [insert JV's Member legal address in country of registration]
6.	Tenderer's JV Member's authorized representative information Name: [insert name of JV's Member authorized representative] Address: [insert address of JV's Member authorized representative] Telephone/Fax numbers: [insert telephone/fax numbers of JV's Member authorized representative] Email Address: [insert email address of JV's Member authorized representative]
7.	Attached are copies of original documents of [check the box(es) of the attached original documents] <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, in accordance with ITT 4.4. <input type="checkbox"/> In case of a state-owned enterprise or institution, documents establishing legal and financial autonomy, operation in accordance with commercial law, and that they are not under the supervision of the Procuring Entity, in accordance with ITT 4.6.
8.	Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.



Price Schedule Forms

*[The tenderer shall fill in these Price Schedule Forms in accordance with the instructions indicated. The list of line items in column 1 of the **Price Schedules** shall coincide with the List of Goods and Related Services specified by the Procuring Entity in the Schedule of Requirements.]*



Price Schedule: Goods Manufactured Outside Kenya, to be Imported

(Group C Tenders, goods to be imported) Currencies in accordance with ITT 15							Date: _____ ITT No: _____ Alternative No: _____ Page N° _____ of _____	
1	2	3	4	5	6	7	8	9
Line Item N°	Description of Goods	Country of Origin	Delivery Date as defined by Incoterms	Quantity and physical unit	Unit price CIP <i>[insert place of destination]</i> in accordance with ITT 14.8(b)(i)	CIP Price per line item (Col. 5x6)	Price per line item for inland transportation and other services required in Kenya to convey the Goods to their final destination specified in TDS	Total Price per Line item (Col. 7+8)
<i>[insert number of the item]</i>	<i>[insert name of good]</i>	<i>[insert country of origin of the Good]</i>	<i>[insert quoted Delivery Date]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert unit price CIP per unit]</i>	<i>[insert total CIP price per line item]</i>	<i>[insert the corresponding price per line item]</i>	<i>[insert total price of the line item]</i>
Total Price								

Name of tenderer *[insert complete name of tenderer]* Signature of tenderer *[signature of person signing the Tender]* Date *[Insert Date]*



Price Schedule: Goods Manufactured Outside Kenya, already imported*

(Group C Tenders, Goods already imported) Currencies in accordance with ITT 15										Date: _____ ITT No: _____ Alternative No: _____ Page N□ _____ of _____	
1	2	3	4	5	6	7	8	9	10	11	12
Line Item N□	Description of Goods	Country of Origin	Delivery Date as defined by Incoterms	Quantity and physical unit	Unit price including Custom Duties and Import Taxes paid, in accordance with ITT 14.8(c)(i)	Custom Duties and Import Taxes paid per unit in accordance with ITT 14.8(c)(ii), [to be supported by documents]	Unit Price net of custom duties and import taxes, in accordance with ITT 14.8 (c) (iii) (Col. 6 minus Col.7)	Price per line item net of Custom Duties and Import Taxes paid, in accordance with ITT 14.8(c)(i) (Col. 5□8)	Price per line item for inland transportation and other services required in Kenya to convey the goods to their final destination, as specified in TDS in accordance with ITT 14.8 (c)(v)	Sales and other taxes paid or payable per item if Contract is awarded (in accordance with ITT 14.8(c)(iv)	Total Price per line item (Col. 9+10)
<i>[insert number of the item]</i>	<i>[insert name of Goods]</i>	<i>[insert country of origin of the Good]</i>	<i>[insert quoted Delivery Date]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert unit price per unit]</i>	<i>[insert custom duties and taxes paid per unit]</i>	<i>[insert unit price net of custom duties and import taxes]</i>	<i>[insert price per line item net of custom duties and import taxes]</i>	<i>[insert price per line item for inland transportation and other services required in Kenya]</i>	<i>[insert sales and other taxes payable per item if Contract is awarded]</i>	<i>[insert total price per line item]</i>
										Total Tender Price	

Name of tenderer *[insert complete name of tenderer]* Signature of tenderer *[signature of person signing the Tender]* Date *[insert date]*

* *[For previously imported Goods, the quoted price shall be distinguishable from the original import value of these Goods declared to customs and shall include any rebate or mark-up of the local agent or representative and all local costs except import duties and taxes, which have been and/or have to be paid by the Procuring Entity. For clarity, the tenderers are asked to quote the price including import duties, and additionally to provide the import duties and the price net of import duties which is the difference of those values.]*



Price Schedule: Goods Manufactured in Kenya

Kenya		(Group A and B Tenders) Currencies in accordance with ITT 15					Date: _____ ITT No: _____ Alternative No: _____ Page N <input type="checkbox"/> _____ of _____		
1	2	3	4	5	6	7	8	9	10
Line Item N□	Description of Goods	Delivery Date as defined by Incoterms	Quantity and physical unit	Unit price EXW	Total EXW price per line item (Col. 4□5)	Price per line item for inland transportation and other services required in Kenya to convey the Goods to their final destination	Cost of local labor, raw materials and components from within origin in Kenya % of Col. 5	Sales and other taxes payable per line item if Contract is awarded (in accordance with ITT 14.8(a)(ii))	Total Price per line item (Col. 6+7)
<i>[insert number of the item]</i>	<i>[insert name of Good]</i>	<i>[insert quoted Delivery Date]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert EXW unit price]</i>	<i>[insert total EXW price per line item]</i>	<i>[insert the corresponding price per line item]</i>	<i>[Insert cost of local labor, raw material and components from within the Purchase's country as a % of the EXW price per line item]</i>	<i>[insert sales and other taxes payable per line item if Contract is awarded]</i>	<i>[insert total price per item]</i>
								Total Price	

Name of tenderer *[insert complete name of tenderer]* Signature of tenderer *[signature of person signing the Tender]* Date *[insert date]*



Price and Completion Schedule - Related Services

Currencies in accordance with ITT 15					Date: _____	
					ITT _____	No: _____
					Alternative _____	No: _____
					Page N <input type="text"/>	of <input type="text"/>
1	2	3	4	5	6	7
Service N <input type="text"/>	Description of Services (excludes inland transportation and other services required in Kenya to convey the goods to their final destination)	Country of Origin	Delivery Date at place of Final destination	Quantity and physical unit	Unit price	Total Price per Service (Col. 5*6 or estimate)
<i>[insert number of the Service]</i>	<i>[insert name of Services]</i>	<i>[insert country of origin of the Services]</i>	<i>[insert delivery date at place of final destination per Service]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert unit price per item]</i>	<i>[insert total price per item]</i>
					Total Tender Price	

Name of tenderer *[insert complete name of tenderer]* Signature of tenderer *[signature of person signing the Tender]* Date *[insert date]*

PRICE SHEDULES

1.ORGANIC SOLVENTS

NO	ITEM NAME/DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY REQUIRED	UNIT PRICE	REMARKS
1	LC-MS METHANOL	LC-MS GRADE	2.5L	AS AND WHEN REQUIRED		
2	LC-MS WATER	LC-MS GRADE	2.5L	AS AND WHEN REQUIRED		
3	1- PROPANOL 99.9 % PURE	AR	2.5L	AS AND WHEN REQUIRED		
4	1,1,2 TRICHLOROETHANE	AR	2.5L	AS AND WHEN REQUIRED		
5	1,4 DIOXAN AR	AR	2.5L	AS AND WHEN REQUIRED		
6	1,4 DIOXAN HPLC GRADE	AR	2.5L	AS AND WHEN REQUIRED		
7	1-NAPHTHOL	AR	2.5L	AS AND WHEN REQUIRED		
8	1-PROPANOL LCMS GRADE	AR	2.5L	AS AND WHEN REQUIRED		
9	2,2,4-TRIMETHYL PENTANE	AR	2.5L	AS AND WHEN REQUIRED		
10	2-BUTOXYETHANOL AR	AR	2.5L	AS AND WHEN REQUIRED		
11	2-MERCAPTOETHANOL	AR	1L	AS AND WHEN REQUIRED		
12	2-METHOXYETHANOL	AR	2.5L	AS AND WHEN REQUIRED		
13	2-METHY 1 1-BUTANOL 97.5%	AR	2.5L	AS AND WHEN REQUIRED		
14	2-METHYLBUTAN-1-OL (2-METHYL-1-BUTANOL)	AR	2.5L	AS AND WHEN REQUIRED		
15	2-OCTANOL	AR	2.5L	AS AND WHEN REQUIRED		
16	2-PROPANOL	AR	2.5L	AS AND WHEN REQUIRED		
17	2-PROPANOL (PROPAN-2-OL)	AR	2.5L	AS AND WHEN REQUIRED		
18	4-METHYLPENTAN-2-OL	AR	2.5L	AS AND WHEN REQUIRED		
19	ABSOLUTE ETHANOL 99.9%	AR	2.5L	AS AND WHEN REQUIRED		
20	ACETALDEHYDE 99.9% PURE HPLC GRADE	HPLC GRADE	2.5L	AS AND WHEN REQUIRED		
21	ACETALDEHYDE 99.99%	AR	2.5L	AS AND WHEN REQUIRED		
22	ACETIC ACID	LC MS GRADE	1 L	AS AND WHEN REQUIRED		
23	ACETIC ACID 99.9%- GLACIAL	AR	2.5L	AS AND WHEN REQUIRED		
24	ACETIC ANHYDRIDE	AR	2.5L	AS AND WHEN REQUIRED		
25	ACETONE AR	AR	2.5L	AS AND WHEN REQUIRED		
26	ACETONE HPLC GRADE	AR	2.5L	AS AND WHEN REQUIRED		
27	ACETONITRILE AR	AR	2.5L	AS AND WHEN REQUIRED		
28	ACETONITRILE HPLC GRADE	LC-GRADE	2.5L	AS AND WHEN REQUIRED		
29	ACETONITRILE LCMS GRADE	LC-MS GRADE	2.5L	AS AND WHEN REQUIRED		
30	ACETOPHENONE	AR	2.5L	AS AND WHEN REQUIRED		
31	ACETYL CHLORIDE	AR	2.5L	AS AND WHEN REQUIRED		
32	AMINO BENZOIC ACID AR	AR	100 G	AS AND WHEN REQUIRED		
33	AMMONIUM ACETATE LCMS GRADE	LC-MS GRADE	100G	AS AND WHEN REQUIRED		
34	AMMONIUM ACETATE	LC/MS GRADE	100 G	AS AND WHEN REQUIRED		
35	AMMONIUM FORMATE	ELUENT ADDITIVE FOR LC-MS, ≥99.0%	100 G	AS AND WHEN REQUIRED		
36	AMMONIUM HYDROXIDE SOLUTION	PURISS., 30-33% NH3 IN H2O	2.5 L	AS AND WHEN REQUIRED		
37	AMYL ACETATE	AR	2.5L	AS AND WHEN REQUIRED		
38	AMYL ALCOHOL	AR	1 L	AS AND WHEN REQUIRED		

39	AMYL ALCOHOL 99.9% PURE HPLC GRADE	99.9% PURE HPLC GRADE	2.5L	AS AND WHEN REQUIRED		
40	BENZENE AR	AR	2.5L	AS AND WHEN REQUIRED		
41	BENZOIC ACID	AR	250G	AS AND WHEN REQUIRED		
42	BENZONITRILE	AR	2.5L	AS AND WHEN REQUIRED		
43	BUTANOL AR	AR	2.5L	AS AND WHEN REQUIRED		
44	CARBON DISULPHIDE	AR	2.5L	AS AND WHEN REQUIRED		
45	CARBON TETRACHLORIDE AR	AR	2.5L	AS AND WHEN REQUIRED		
46	CHLOROBENZENE 2.5L	AR		AS AND WHEN REQUIRED		
47	CHLOROBENZENE AR	AR	2.5L	AS AND WHEN REQUIRED		
48	CHLOROFORM	AR	2.5L	AS AND WHEN REQUIRED		
49	CHLOROFORM AR (TRICHLOROMETHANE)	AR	2.5L	AS AND WHEN REQUIRED		
50	CHLOROFORM FOR ANALYSIS 99.8%	AR	2.5L	AS AND WHEN REQUIRED		
51	CHLOROFORM HPLC GRADE	HPLC-MS GRADE	2.5L	AS AND WHEN REQUIRED		
52	CYCLOHEXANE AR	AR	2.5L	AS AND WHEN REQUIRED		
53	DICHLOROMETHANE	AR	2.5L	AS AND WHEN REQUIRED		
54	DICHLOROMETHANE	FOR LIQUID CHROMATOGRAPHY	2.5 L	AS AND WHEN REQUIRED		
55	DICHLOROMETHANE AR 99%	99.9% PURE HPLC GRADE	2.5L	AS AND WHEN REQUIRED		
56	DIETHYL ETHER	AR	2.5L	AS AND WHEN REQUIRED		
57	DIETHYLANILINE	AR	1L	AS AND WHEN REQUIRED		
58	DIMETHYL FORMAMIDE	AR	2.5L	AS AND WHEN REQUIRED		
59	DIMETHYLAMINE	AR	1L	AS AND WHEN REQUIRED		
60	DIMETHYLFORMAMIDE	AR	2.5L	AS AND WHEN REQUIRED		
61	ETHANOL	AR > 99.5%	2.5L	AS AND WHEN REQUIRED		
62	ETHANOL 96%	AR	2.5L	AS AND WHEN REQUIRED		
63	ETHANOL ABSOLUTE 99.9% PURE HPLC GRADE	99.9% PURE HPLC GRADE	2.5L	AS AND WHEN REQUIRED		
64	ETHYL ACETATE 99.95%	99% PURITY	2.5L	AS AND WHEN REQUIRED		
65	ETHYL ACETATE AR	AR	2.5L	AS AND WHEN REQUIRED		
66	ETHYL GLYCEROL	AR	2.5L	AS AND WHEN REQUIRED		
67	ETHYL METHYL KETONE	AR	2.5L	AS AND WHEN REQUIRED		
68	ETHYLBENZENE	AR	2.5L	AS AND WHEN REQUIRED		
69	ETHYLENE GLYCOL	AR	2.5L	AS AND WHEN REQUIRED		
70	FORMALDEHYDE	AR	1L	AS AND WHEN REQUIRED		
71	FORMALDEHYDE	AR	2.5L	AS AND WHEN REQUIRED		
72	FORMIC ACID	AR	2.5L	AS AND WHEN REQUIRED		
73	FORMIC ACID LCMS GRADE	AR	2.5L	AS AND WHEN REQUIRED		
74	FORMIC ACID LCMS GRADE	LC-MS GRADE	1L	AS AND WHEN REQUIRED		
75	FURFURAL, AR	AR	2.5L	AS AND WHEN REQUIRED		
76	GLYCERINE PURIFIED	AR	2.5L	AS AND WHEN REQUIRED		
77	GLYCEROL	AR	2.5L	AS AND WHEN REQUIRED		
78	GLYCEROL	AR	2.5L	AS AND WHEN REQUIRED		
79	GLYCEROL 99.9%	AR	2.5L	AS AND WHEN REQUIRED		
80	HEPTANE 99.9%	AR	2.5L	AS AND WHEN REQUIRED		
81	HEXANE HPLC GRADE	99.9% PURE HPLC GRADE	2.5L	AS AND WHEN REQUIRED		
82	HEXANE HPLC GRADE	AR	2.5L	AS AND WHEN REQUIRED		

83	HEXANES	FOR LIQUID CHROMATOGRAPHY	2.5 L	AS AND WHEN REQUIRED		
84	HPLC GRADE WATER	LC-MS GRADE	2.5L	AS AND WHEN REQUIRED		
85	HPLC GRADE WATER	HPLC GRADE	2.5L	AS AND WHEN REQUIRED		
86	HYDROCHLORIC ACID (CONCENTRATED)	AR	2.5L	AS AND WHEN REQUIRED		
87	HYDROFLUORIC ACID AR	AR	2.5L	AS AND WHEN REQUIRED		
88	ISO OCTANE, HPLC GRADE	HPLC GRADE	2.5L	AS AND WHEN REQUIRED		
89	ISOAMYL ALCOHOL	LC-MS GRADE	2.5L	AS AND WHEN REQUIRED		
90	ISOAMYL ALCOHOL 98%	AR	2.5L	AS AND WHEN REQUIRED		
91	ISOBUTYL ALCOHOL	AR	2.5L	AS AND WHEN REQUIRED		
92	ISOOCTANE	AR	2.5L	AS AND WHEN REQUIRED		
93	ISOPROPANOL	LC MS GRADE	1 L	AS AND WHEN REQUIRED		
94	ISOPROPANOL AR	AR	2.5L	AS AND WHEN REQUIRED		
95	ISOPROPANOL HPLC	HPLC GRADE	2.5L	AS AND WHEN REQUIRED		
96	ISOPROPANOL LC-MS	LC MS GRADE	1 LITRE	AS AND WHEN REQUIRED		
97	ISOPROPANOL LC-MS GRADE	AR	2.5L	AS AND WHEN REQUIRED		
98	ISOPROPYL ALCOHOL (IPA)	LC-MS GRADE	1 L	AS AND WHEN REQUIRED		
99	ISOPROPYL ALCOHOL 99.5%	AR	2.5L	AS AND WHEN REQUIRED		
100	KEROSENE	GENERAL PURPOSE		AS AND WHEN REQUIRED		
101	LACTIC ACID AR	AR	2.5L	AS AND WHEN REQUIRED		
102	LYSOL	AR	2.5L	AS AND WHEN REQUIRED		
103	M- CRESOL AR	AR	2.5L	AS AND WHEN REQUIRED		
104	M-CRESOL	AR	2.5L	AS AND WHEN REQUIRED		
105	METHANOL ANALYTICAL GRADE	AR	2.5L	AS AND WHEN REQUIRED		
106	METHANOL AR	AR	2.5L	AS AND WHEN REQUIRED		
107	METHANOL AR PURITY 99.5%	AR	2.5LTRS	AS AND WHEN REQUIRED		
108	METHANOL HPLC GRADE	99.9% PURE HPLC GRADE	2.5L	AS AND WHEN REQUIRED		
109	METHANOL LCMS GRADE	LC-MS GRADE	2.5L	AS AND WHEN REQUIRED		
110	METHANOL MOLECULAR GRADE	AR	2.5L	AS AND WHEN REQUIRED		
111	METHANOL REAGENT AR	AR	2.5L	AS AND WHEN REQUIRED		
112	METHOXY-2-PROPANOL	AR	2.5L	AS AND WHEN REQUIRED		
113	METHYL ACETATE	AR	2.5L	AS AND WHEN REQUIRED		
114	METHYL ETHYL KETONE	AR	2.5L	AS AND WHEN REQUIRED		
115	METHYL ETHYL KETONE AR	AR	2.5L	AS AND WHEN REQUIRED		
116	METHYLENE CHLORIDE HPLC	AR	2.5L	AS AND WHEN REQUIRED		
117	METRIBUZIN PURE, AR	AR	2.5L	AS AND WHEN REQUIRED		
118	N- DECANE	CRM PURITY 99.99%	500ML	AS AND WHEN REQUIRED		
119	N- HEXADECANE	CRM PURITY 99.99%	500ML	AS AND WHEN REQUIRED		
120	N- HEXANE	CRM PURITY 99.99%	500ML	AS AND WHEN REQUIRED		
121	N- TETRADECANE	CRM PURITY 99.99%	500ML	AS AND WHEN REQUIRED		
122	N,N DIMETHYLACETAMIDE AR ASSAY MIN 99%	AR	2.5L	AS AND WHEN REQUIRED		
123	N,N DIMETHYLFORMAMIDE AR > 99.5%	AR	2.5L	AS AND WHEN REQUIRED		
124	N-BUTYL ACID	AR	2.5L	AS AND WHEN REQUIRED		
125	N-DECANE 500ML			AS AND WHEN REQUIRED		
126	NEAMINE	EUROPEAN PHARMACOPOEIA (EP) REFERENCE STANDARD	0.89 MG	AS AND WHEN REQUIRED		

127	N-HEPTANE AR	AR	2.5L	AS AND WHEN REQUIRED		
128	N-HEXADECANE 500ML		500ML	AS AND WHEN REQUIRED		
129	N-HEXANE	AR	2.5L	AS AND WHEN REQUIRED		
130	N-HEXANE 86%	AR	2.5LTRS	AS AND WHEN REQUIRED		
131	N-HEXANE AR	AR	2.5L	AS AND WHEN REQUIRED		
132	N-HEXANE AR	AR	2.5L	AS AND WHEN REQUIRED		
133	NITROBENZENE AR	AR	2.5L	AS AND WHEN REQUIRED		
134	N-OCTANOL	AR	2.5L	AS AND WHEN REQUIRED		
135	NONNANE 99+% HPLC GRADE	99.9% PURE HPLC GRADE	2.5L	AS AND WHEN REQUIRED		
136	N-PENTANE	AR	2.5L	AS AND WHEN REQUIRED		
137	N-PROPYL ACETATE	AR	2.5L	AS AND WHEN REQUIRED		
138	N-TETRADECANE 500ML		500ML	AS AND WHEN REQUIRED		
139	O-CRESOL	AR	1L	AS AND WHEN REQUIRED		
140	OLEIC ACID	AR	2.5L	AS AND WHEN REQUIRED		
141	ORTHO-PHOSPHORIC ACID AR	AR	2.5L	AS AND WHEN REQUIRED		
142	O-TOLUIDINE	AR	1L	AS AND WHEN REQUIRED		
143	O-XYLENE	AR	2.5L	AS AND WHEN REQUIRED		
144	PAINT REMOVER		4L	AS AND WHEN REQUIRED		
145	P-CRESOL	AR	1L	AS AND WHEN REQUIRED		
146	PENTAN-1-OL (1-PENTANOL) AR	AR	2.5L	AS AND WHEN REQUIRED		
147	PENTANE AR	AR	100G	AS AND WHEN REQUIRED		
148	PERCHLORIC ACID IN GLACIAL ACETIC ACID	0.1 M	1 LITER	AS AND WHEN REQUIRED		
149	PETROLEUM ETHER 40-60 AR	AR	2.5L	AS AND WHEN REQUIRED		
150	PETROLEUM ETHER 60-80 AR	AR	2.5L	AS AND WHEN REQUIRED		
151	PHENOL AR	AR	100G	AS AND WHEN REQUIRED		
152	PHENOL DETACHED CRYSTALS AR	AR	500G	AS AND WHEN REQUIRED		
153	PHENYLHYDRAZINE	AR	1L	AS AND WHEN REQUIRED		
154	POTASSIUM HYDROGEN PHTHALATE	AR	2.5 LITER	AS AND WHEN REQUIRED		
155	POTASSIUM HYDROXIDE SOLUTION IN ISOPROPYL ALCOHOL	0.1 M	1 LITER	AS AND WHEN REQUIRED		
156	PROPAN -2-OL 99.9% PURE HPLC GRADE	AR	2.5L	AS AND WHEN REQUIRED		
157	PROPAN-2-OL	AR	2.5L	AS AND WHEN REQUIRED		
158	PROPAN-2-OL ANHYDROUS	AR	2.5L	AS AND WHEN REQUIRED		
159	P-XYLENE	AR	2.5L	AS AND WHEN REQUIRED		
160	PYRIDINE	AR	1L	AS AND WHEN REQUIRED		
161	QUINOLINE	AR	500ML	AS AND WHEN REQUIRED		
162	QUINOLINE	AR	500ML	AS AND WHEN REQUIRED		
163	RECTIFIED SPIRIT	AR	2.5L	AS AND WHEN REQUIRED		
164	RECTIFIED SPIRIT GP	GENERAL PURPOSE	20L	AS AND WHEN REQUIRED		
165	RIBOSTAMYCIN SULFATE	MINIMUM ASSAY 630 µG/MG.	1 G	AS AND WHEN REQUIRED		
166	ROAD MARKER THINNER	GENERAL PURPOSE	5L	AS AND WHEN REQUIRED		
167	SODIUM ACETATE SOLUTION 0.1N IN ACETIC ACID	AR	1L	AS AND WHEN REQUIRED		
168	SODIUM PERCHLORATE ELECTROLYTE	SATURATED SOLUTION OF NACLO4IN GLACIAL ACETIC ACID	500ML	AS AND WHEN REQUIRED		
169	TERT-BUTYL ALCOHOL	AR	2.5L	AS AND WHEN REQUIRED		

170	TERT-BUTYL METHYL ETHER	AR	2.5L	AS AND WHEN REQUIRED		
171	TETRA CHLOROETHYLENE AR	AR	2.5L	AS AND WHEN REQUIRED		
172	TETRA HYDROFURAN LC GRADE ASSAY 99.5%ABSOLUTE	LC-MS GRADE	2.5LTRS	AS AND WHEN REQUIRED		
173	TETRA HYDROFURAN LC GRADE ASSAY 99.5% ABSOLUTE	LC-MS GRADE	2.5L	AS AND WHEN REQUIRED		
174	TETRACHLOROETHYLENE	AR	2.5L	AS AND WHEN REQUIRED		
175	TETRACHLOROETHYLENE	AR	2.5L	AS AND WHEN REQUIRED		
176	TETRACHLOROETHYLENE GPR	AR	2.5L	AS AND WHEN REQUIRED		
177	TETRAHYDROFURAN	HPLC GRADE	2.5L	AS AND WHEN REQUIRED		
178	TETRAHYDROFURAN	AR	2.5L	AS AND WHEN REQUIRED		
179	TETRAHYDROFURAN -ABSOLUTE	AR	2.5L	AS AND WHEN REQUIRED		
180	TOAD MARKER THINNER	AR	5L	AS AND WHEN REQUIRED		
181	TOLUENE 2.5L	AR	2.5L	AS AND WHEN REQUIRED		
182	TOLUENE AR	AR	2.5L	AS AND WHEN REQUIRED		
183	TOLUENE AR	AR	100G	AS AND WHEN REQUIRED		
184	TRIACETIN	AR	2.5L	AS AND WHEN REQUIRED		
185	TRICHLOROACETIC ACID	AR	2.5L	AS AND WHEN REQUIRED		
186	TRICHLOROETHYLENE AR	AR	2.5L	AS AND WHEN REQUIRED		
187	TRIETHANOLAMINE (TEA)	AR	2.5L	AS AND WHEN REQUIRED		
188	TRIFLUOROACETIC ACID TFA AR	AR	2.5L	AS AND WHEN REQUIRED		
189	TURKEY RED OIL	AR	500ML	AS AND WHEN REQUIRED		
190	TWEEN GENERAL	AR	2.5L	AS AND WHEN REQUIRED		
191	VINYL ACETATE	AR	1L	AS AND WHEN REQUIRED		
192	WATER HPLC GRADE	HPLC GRADE	2.5L	AS AND WHEN REQUIRED		
193	WATER LC-MS GRADE	AR	2.5L	AS AND WHEN REQUIRED		
194	WATER WITH 0.1% AMMONIUM ACETATE	LC MS GRADE	1 LITRE	AS AND WHEN REQUIRED		
195	WATER WITH 0.1% FORMIC ACID	LC MS GRADE	1 LITRE	AS AND WHEN REQUIRED		
196	WATER WITH 0.1% FORMIC ACID	LC MS GRADE	1 L	AS AND WHEN REQUIRED		
197	WIJIS SOLUTION	AR	500ML	AS AND WHEN REQUIRED		
198	XYLENE	AR	2.5L	AS AND WHEN REQUIRED		

2. ACIDS AND BASES

NO.	ITEM NAME/DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY REQUIRED	UNIT PRICE	REMARKS
1	ALUMINIUM MOISTURE DISHES	70MM DIAMETER WITH PERFORATED LIDS	PIECES	AS AND WHEN REQUIRED		
2	1,2,3 TRIHYDROXY BENZENE (PYROGALLOL)	AR	500	AS AND WHEN REQUIRED		
3	4-AMINOBENZENE SULFONAMIDE	AR	500G	AS AND WHEN REQUIRED		
4	ACETIC ACID	AR	2.5L	AS AND WHEN REQUIRED		
5	ACETIC ANHYDRIDE	AR	500G	AS AND WHEN REQUIRED		
6	ACTIVATED CHARCOAL	AR	500G	AS AND WHEN REQUIRED		
7	ALKALINITY HI77526	0 TO 500 MG/L (AS CaCO ₃)	PACKETS	AS AND WHEN REQUIRED		
8	ALLYLTHIOUREA (ATU)	AR	100ML	AS AND WHEN REQUIRED		
9	ALUMINIUM OXIDE	GENERAL PURPOSE	1KG	AS AND WHEN REQUIRED		
10	ALUMINUM HI9371201-01	0.00 TO 1.00 MG/L (AS AL ₃ ⁺)	PACKETS	AS AND WHEN REQUIRED		
11	ALUMINUM POTASSIUM SULPHATE	AR	500G	AS AND WHEN REQUIRED		

12	AMMONIA LOW RANGE HI93700-01	0.00 TO 3.00 MG/L (AS NH ₃ -N)	PACKETS	AS AND WHEN REQUIRED		
13	AMMONIUM FERRIC SULPHATE DODECAHYDRATE	AR	500G	AS AND WHEN REQUIRED		
14	AMMONIUM MOLYBDATE TETRAHYDRATE	AR	500G	AS AND WHEN REQUIRED		
15	AMMONIUM ACETATE AR	AR	100 G	AS AND WHEN REQUIRED		
16	AMMONIUM CHLORIDE AR	AR	500G	AS AND WHEN REQUIRED		
17	AMMONIUM CITRATE AR	AR	100 G	AS AND WHEN REQUIRED	3	
18	AMMONIUM FLOURIDE	AR	500G	AS AND WHEN REQUIRED		
19	AMMONIUM HYDROGEN PHOSPHATE	AR	500G	AS AND WHEN REQUIRED		
20	AMMONIUM HYDROXIDE AR 25%	AR	500G	AS AND WHEN REQUIRED		
21	AMMONIUM HYDROXIDE AR, 25%	AR	1L	AS AND WHEN REQUIRED		
22	AMMONIUM HYDROXIDE SOLUTION	AR	1L	AS AND WHEN REQUIRED		
23	AMMONIUM HYDROXIDE SOLUTION, NH ₃ IN H ₂ O,	PURISS., 30-33%	2.5 L			
24	AMMONIUM IRON (III) SULFATE AR	AR	500G			
25	AMMONIUM NARIUM HYDROGEN-ORTHOPHOSPHATE AR	AR	100 G	”		
26	AMMONIUM NITRATE	AR	500G			
27	AMMONIUM OXALATE AR	AR	100 G	”		
28	AMMONIUM SULPHATE	AR	100 G	”		
29	AMMONIUM THIOCYANATE AR	AR	500G			
30	AMMONIUM THIOCYONATE	AR	500G			
31	AMMONIUM CHLORIDE	AR	500G			
32	ANTIMONY TRICHLORIDE	AR 1469	250G	”		
33	API BROMOCRESOL PURPLE (SKU 70510)	AR	500G			
34	ASCORBIC ACID	AR	500G			
35	ASCORBIC ACID AR	AR	100 G	”		
36	BARIUM CHLORIDE	AR	100 G	”		
37	BARIUM HYDROXIDE	AR	101 G			
38	BARIUM NITRATE	AR	500G			
39	BOD PHOSPHATE BUFFER SOLUTION	AR	500ML			
40	BORIC ACID AR	AR	102 G			
41	BORIC ACID AR	AR	500G			
42	BORIC ACID POWDER	AR	103 G			
43	BROMINE	AR	500G			
44	BROMINE HI93716-01	0.00 TO 8.00 MG/L (AS BR ₂)	PACKETS			
45	BROMOCRESOL GREEN	AR	10G			
46	BROMOPHENOL BLUE	AR	100G			
47	BUFFER 1.68	AR	1L			
48	BUFFER STANDARD PH 10	TRACEABLE TO SI	1 L	”		
49	BUFFER STANDARD PH 4	TRACEABLE TO SI	1 L	”		
50	BUFFER STANDARD PH 7	TRACEABLE TO SI	1 L	”		
51	BUTYLATED HYDROXYTOLUENE (BHT)	AR	500G			
52	BUTYRATED HYDROXY TOULENE (BHT)	AR	100G	”		
53	CALCIUM CARBONATE	AR	100 G	”		
54	CALCIUM CHLORIDE-6HYDRATE AR	AR	100 G	”		
55	CALCIUM HI937521-01	0 TO 400 MG/L (AS CA ²⁺)	PACKETS			
56	CALCIUM HYDROXIDE	AR	500G			
57	CALICIUM STANDARD SOLUTION 1000PPM	AR	500ML			

58	CHLORIDE HI93753-01	0.0 TO 20.0 MG/L (AS CL ⁻)	PACKETS			
59	CHLORINE DIOXIDE HI93738-01	0.00 TO 2.00 MG/L (AS CLO ₂)	PACKETS			
60	CHLORINE, FREE HI93701-01	0.00 TO 5.00 MG/L (AS CL ₂)	PACKETS			
61	CHLORINE, TOTAL ULTRA HIGH RANGE HI95771-01	0 TO 500 MG/L (AS CL ₂)	PACKETS			
62	CHROMIUM(VI) LOW RANGE H93749-01	0 TO 300 MG/L (AS CR ⁶⁺)	PACKETS			
63	CITRIC ACID AR	AR	500G	„		
64	COD MEDIUM RANGE (16 MM VIAL) HI93754B-25	0 TO 1500 MG/L (AS O ₂)	PACKETS			
65	COLOR OF WATER 0.45µM SYRINGE FILTER	0 TO 500 PCUC	PACKETS			
66	COPPER HIGH RANGE HI93702-01	0.00 TO 5.00 MG/L (AS CU ²⁺)	PACKETS			
67	COPPER SULPHATE	AR	500G			
68	CUPRIC OXIDE	AR	500G			
69	CUPRIC SULPHATE PENTAHYDRATE COPPER SULPHATE (CUSO ₄ .5H ₂ O)AR	AR	500G			
70	DEVARDA ALLOY POWDER	CAS#8049-11-4	1 KG			
71	DEVARDA ALLOY POWDER	CAS#8049-11-4	1 KG	„		
72	D-GLUCOSE	AR	500G			
73	DI-AMMONIUM HYDROGEN PHOSPHATE AR	AR	100 G	„		
74	DIMETHYLAMINO BENZALDEHYDE AR	AR	100 G	G		
75	DISODIUM HYDROGEN ORTHOPHOSPHATE DIHYDRATE	AR	250G			
76	DISODIUM HYDROGEN PHOSPHATE AR	AR	100 G	„		
77	EDTA	AR	250G	„		
78	EDTA DISODIUM SALT (MOL GRADE)	AR	500G			
79	EOSIN V INDICATOR	AR	500G			
80	ETHYL ACETATE AR	AR	500G	„		
81	FERROUS AMMONIUM SULFATE (AR)	AR	100G			
82	FLUORIDE HIGH RANGE HI93739-01	0.0 TO 20.0 MG/L (AS F ⁻)	PACKETS			
83	FLUORIDE STANDARD SOLUTION 1000PPM	AR	500ML			
84	FORMIC ACID	ACS REAGENT GRADE, ≥96%	2.5L			
86	GLACIAL ACETIC ACID	AR	2.5 L	„		
87	HANNA QUICK CAL SOLUTION, HI9828-25	AR	500ML			
88	HARDNESS, CALCIUM HI93720-01	0.00 TO 2.70 MG/L (AS CaCO ₃)	PACKETS			
89	HARDNESS, TOTAL LOW RANGE HI93735-00	0 TO 250 MG/L (AS CaCO ₃)	PACKETS			
90	HYDRAZINE HI93704-01	0 TO 400 MG/L (AS N ₂ H ₄)	PACKETS			
91	HYDROCHLORIC ACID (1N)	AR	500G			
92	HYDROCHLORIC ACID (MINIMUM ASSAY 37%)	AR	2.5L			
93	HYDROFLUORIC ACID AR	AR	2.5L	„		
94	HYDROGEN PEROXIDE 30%	AR	1L			
95	HYDROGEN PEROXIDE 35%	AR	1 LITRE			
96	HYDROGEN PEROXIDE SOLUTION 3%	AR	1L			
97	HYDROXILAMINE HYDROCHLORIDE AR	AR	500G			
98	IODINE AMPULE 1N	AR	500G			
99	IODINE AR	AR	500G			
100	IODINE HI93718-01	0.0 TO 12.5 MG/L (AS I ₂)	PACKETS			
101	IRON HI93721-01	0.00 TO 5.00 MG/L (AS FE)	PACKETS			
102	IRON SULPHATE	AR	500G			

103	IRON(II) SULFATE (FESO ₄)	AR	500G		
104	KJELTABS	AR	PACKAGE/1000		
105	KJTABS CU	AR	1000 TABLETS		
106	KJTABS CU/SE	AR	1000 TABLETS		
107	LEAD ACETATE	AR	500G		
108	L-GLUTAMIC ACID	AR	500G		
109	LITHIUM HEAVY DUTY GREASE	GENERAL PURPOSE	1 KG	„	
110	MAGNESIUM CHLORIDE	AR	500G		
111	MAGNESIUM CHLORIDE AR	AR	100G	„	
112	MAGNESIUM HI937520-01	0 TO 150 MG/L (AS MG ²⁺)	PACKETS		
113	MAGNESIUM IRON II SULPHATE	AR	500G		
114	MAGNESIUM SULPHATE	AR	500G		
115	MAGNESIUM SULPHATE HEPTAHYDRATE	AR	100G	„	
116	MAGNESIUM SULPHATE AR	AR	100G	„	
117	MAGNESIUM SULPHATE HEPTAHYDRATE AR	AR	500G		
118	MANGANESE HIGH RANGE HI93709-01	0.0 TO 20.0 MG/L (AS MN)	PACKETS		
119	MERCURIC CHLORIDE	AR	500G		
120	MERCURIC IODIDE	AR	100G		
121	MERCURY SULPHATE	AR	100G	„	
122	METAPHOSPHORIC ACID AR	AR	1L		
123	METHYL ORANGE	AR	500G		
124	METHYLENE BLUE INDICATOR	AR	10G		
125	METHYLENE RED INDICATOR	AR	10G		
126	N-(1NAPHTHYL)-1,2-DIAMINOETHANE DIHYDROCHLORIDE	AR	500G		
127	NICKEL HIGH RANGE HI93726-01	0.00 TO 7.00 G/L (AS NI)	PACKETS		
128	NITRATE HI93728-01	0.0 TO 30.0 MG/L (AS NO ₃ ⁻ - N)	PACKETS		
129	NITRIC ACID (CONC)	AR	2.5L	„	
130	NITRITE LOW RANGE HI93707-01	0 TO 600 MG/L (AS NO ₂ ⁻ - N)	PACKETS		
131	OXALIC ACID	AR	500G		
132	OXYGEN DISSOLVED HI93732-01	0 TO 10 MG/L (AS O ₂)	PACKETS		
133	PERCHLORIC ACID AR	AR	2.5L		
134	PH ELECTRODE STORAGE SOLUTION,	HI-70300L	500 ML		
135	PHENATHROLINE MONOHYDRATE	AR	500G		
136	PHENOL RED INDICATOR	AR	500G		
137	PHENOLPHTHALEIN	AR	500G		
138	PHOSPHATE BUFFER 0.5M	AR	2.5L	„	
139	PHOSPHATE LOW RANGE HI93713-01	0.00 TO 2.50 MG/L (PPM)	PACKETS		
140	PHOSPHORIC ACID AR	AR	2.5L	„	
141	PHOSPHOROUS HI93763A-50	0 TO 32.6 MG/L (AS P)	PACKETS		
142	PLYWOOD	PIECES	PIECES	„	
143	POTASium HYDROGEN SULPHATE	AR	500G		
144	POTASSIUM ANTIMONY-(III)OXIDE TARTRATE	AR	500G		
145	POTASSIUM BROMIDE	AR	500G		
146	POTASSIUM CHLORIDE	AR	100 G		
147	POTASSIUM CHROMATE	AR	500G		
148	POTASSIUM DICHROMATE AR	AR	100G	„	

149	POTASSIUM DIHYDROGEN PHOSPHATE	AR	100G	”		
150	POTASSIUM HI93750-01	0.0 TO 20.0 MG/L (AS K)	PACKETS			
151	POTASSIUM HYDROGEN PHOSPHATE	AR	100G	”		
152	POTASSIUM HYDROGEN PHTHALATE	AR	500G			
153	POTASSIUM HYDROXIDE 0.1N					
154	POTASSIUM HYDROXIDE PELLETS	AR	500G	”		
157	POTASSIUM IODIDE	AR	500G			
158	POTASSIUM IODIDE AR	AR	100G	”		
159	POTASSIUM NITRATE AR	AR	500G			
160	POTASSIUM OXALATE	AR	500G			
161	POTASSIUM PERMANGANATE AR	AR	500G			
162	POTASSIUM SODIUM TARTARATE	AR	1000G			
163	POTASSIUM SODIUM TARTARATE	AR	500G			
164	POTASSIUM THIOCYNATE	AR	500G			
165	POTTASSIUM CHROMATE	AR	500 G			
166	SILCONE GREASE	GP	250ML			
167	SILICA LOW RANGE HI93705-01	0.00 TO 2.00 MG/L (AS SIO ₂)	PACKETS			
168	SILICON	GENERAL PURPOSE	1 KG	”		
169	SILVER HI93737-01	0.00 TO 1.00 MG/L (AS AG)	PACKETS			
170	SILVER NITRATE AR	AR	50G	”		
171	SILVER SULPHATE	AR	100G	”		
172	SODIUM ACETATE AR	AR	100G	”		
173	SODIUM AZIDE AR	AR	100G	”		
174	SODIUM BICARBONATE	AR	500 G			
175	SODIUM BICARBONATE AR	AR	100G	”		
176	SODIUM BROMIDE AR	AR	500G			
177	SODIUM CARBONATE ANHYDROUS	AR	500G			
178	SODIUM CARBONATE, ANHYDROUS	AR	250G			
179	SODIUM CHLORIDE	AR	500G			
180	SODIUM CHLORIDE AR	AR	100G	”		
181	SODIUM CITRATE AR	AR	100G	”		
182	SODIUM DIHYDROGEN ORTHOPHOSPHATE DIHYDRATE	AR	250G			
183	SODIUM DODECYL SULPHATE	AR	100G	”		
184	SODIUM FLOURIDE	AR	500G			
185	SODIUM HYDROGEN CARBONATE AR	AR	500 G			
186	SODIUM HYDROGEN CARBONATE	AR	100G	”		
187	SODIUM HYDROXIDE (PELLETS)	AR	500G	”		
188	SODIUM HYDROXIDE 1.0 N	AR	500G			
189	SODIUM HYDROXIDE PELLETS BIOXTRA 98%	AR	500G			
190	SODIUM METABISULPHATE AR	AR	100G	”		
191	SODIUM MOLYBDATE	AR	100 G			
192	SODIUM MOLYBDATE GIGHYDRATE	AR	500G			
193	SODIUM POTASSIUM TARTARATE	AR	500G			
194	SODIUM SALICYLATE AR	AR	500G			

195	SODIUM SULPHATE ANHYDROUS	AR	250G	”		
196	SODIUM TARTRATE AR	AR	100G	”		
197	SODIUM THIOSULPHATE AR	AR	500G	”		
198	SOLOCHROME BLACK	AR	500G			
199	STANDARD METHYLENE BLUE	AR	500G			
200	STANDARD SAND	AR	1KG	”		
201	STANNOUS CHLORIDE	AR	500G			
202	STARCH SOLUBLE AR	AR	100G	”		
203	STIRRING BARS 4 INCHES	AR	PCS			
204	SUCROSE AR	AR	1KG	”		
205	SULFATE HI93751-01	0 TO 150 MG/L (AS SO ₄ ²⁻)	PACKETS			
206	SULPHANILAMIDE	AR	500G			
207	SULPHURIC ACID (CONC)	AR	2.5L	”		
208	SULPHURIC ACID 98% ASSAY	AR	2.5L			
209	SULPHURIC ACID FOR MILK ANALYSIS GERBER	AR	2.5L			
210	SULPHURIC ACID FOR MILK ANALYSIS GERBER	GERBER	2.5L	”		
211	SYNTHETIC QUINONILINE	AR	500ML			
212	TETRACHLOROETHYLENE	AR	10LTRS	”		
213	THYMOL BLUE	AR	500G			
214	TISAB 1 FOR FLUORIDES	AR	500ML			
215	TISAB 2 FOR FLUORIDES	AR	500ML			
216	TRIETHYLAMINE	HPLC GRADE	2.5L			
217	TRIFLUOROACETIC ACID	PURISS. P.A., SUITABLE FOR HPLC, ≥99.0%	250 ML			
218	TURBIDITY STANDARD 20NTU	AR	100ML			
219	TURBIDITY STANDARD 800NTU	AR	100ML			
220	TURBIDITY STANDARD 0.02	AR	100ML			
221	TURBIDITY STANDARD 100NTU	AR	100ML			
222	XYLENOL ORANGE INDICATOR	AR	500G			
223	ZINC HI93731-01	0.00 TO 3.00 MG/L (AS ZN)	PACKETS			
224	ZINC POWDER	AR	500G			

3. MEDIAS

NO.	ITEM NAME/DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY REQUIRED	UNIT PRICE	REMARKS
1	3M™ PETRIFILM™ AEROBIC COUNT PLATES	3M™ PETRIFILM™	1000 PLATES/CASE	AS AND WHEN REQUIRED		
2	3M™ PETRIFILM™ E. COLI/COLIFORM COUNT PLATES	3M™ PETRIFILM™	500 PLATES/CASE	AS AND WHEN REQUIRED		
3	3M™ PETRIFILM™ RAPID YEAST AND MOLD COUNT PLATES	3M™ PETRIFILM™	500 PLATES/CASE	AS AND WHEN REQUIRED		
4	3M™ PETRIFILM™ STAPH EXPRESS COUNT PLATE	3M™ PETRIFILM™	500 PLATES/CASE	AS AND WHEN REQUIRED		
5	3M™ SPONGE-STICK WITH 10 ML NEUTRALIZING BUFFER	SSL10NB	PIECE	AS AND WHEN REQUIRED		
6	ACID PHOSPHATASE REAGENT (HIMEDIA)	SKU: R096	PACK/5X10ML	AS AND WHEN REQUIRED		
7	AGAR BACTERIOLOGICAL (AGAR NO 1) L11	LP0011B	500G	AS AND WHEN REQUIRED		
8	ALKALINE PEPTONE WATER	CM1028	500G	AS AND WHEN REQUIRED		
9	ALKALINE PEPTONE WATER (ISO)	CM1117B	500G	AS AND WHEN REQUIRED		
10	ALKALINE SALINE PEPTONE WATER (ASPW)	CM1117	500G	AS AND WHEN REQUIRED		

11	ANAEROBIC INDICATOR	BR0055B	PACK/10	AS AND WHEN REQUIRED	
12	ANAEROBIC INDICATOR	SR00553 OXOID	PACK	AS AND WHEN REQUIRED	
13	ANAEROGEN (OXOID)	AM0035	PACK/10	AS AND WHEN REQUIRED	
14	ANAEROGEN 3.5L	A0035A	PACK/10	AS AND WHEN REQUIRED	
15	AUTOCLAVE TAPE 1 INCH		ROLL	AS AND WHEN REQUIRED	
16	BACTERIOLOGICAL AGAR	LP0011	500G	AS AND WHEN REQUIRED	
17	BACTERIOLOGICAL PEPTONE	LP0037	500G	AS AND WHEN REQUIRED	
18	BAIRD PARKER AGAR BASE	CM0275	500G	AS AND WHEN REQUIRED	
19	BAT AGAR	107994	500G	AS AND WHEN REQUIRED	
20	BAT AGAR 107994 MERCK	MERCK 107994	500G	AS AND WHEN REQUIRED	
21	BCYE GROWTH SUPPLEMENT	SR110	PACK/10 VIALS	AS AND WHEN REQUIRED	
22	BEIJERINCKIA MEDIA M708 HIMEDIA	M708 HIMEDIA	500G	AS AND WHEN REQUIRED	
23	BILE AESCULIN AGAR	CM0888	500G	AS AND WHEN REQUIRED	
24	BILE AESCULIN AGAR CM 0888B		500G	AS AND WHEN REQUIRED	
25	BISMUTH SULPHITE AGAR	CM0201	500G	AS AND WHEN REQUIRED	
26	BLOOD AGAR BASE	CM0055	500G	AS AND WHEN REQUIRED	
27	BOLTON BROTH	CM0983	500G	AS AND WHEN REQUIRED	
28	BOLTON BROTH (CM0983)	OXOID (CM0983)	500G	AS AND WHEN REQUIRED	
29	BOLTON BROTH SELECTIVE SUPPLEMENT	SR0183	PACK	AS AND WHEN REQUIRED	
30	BOLTON BROTH SELECTIVE SUPPLEMENT SR0183 OXOID	SR0183 OXOID	PACK/10 VIALS	AS AND WHEN REQUIRED	
31	BORIC ACID >99.5% PURE	>99.5% PURE	500G	AS AND WHEN REQUIRED	
32	BOTTLE TOP VARISPENSER, DISPENSER-2 SINGLE CHANNEL DISPENSER 10-100ML	10-100ML	PCS	AS AND WHEN REQUIRED	
33	BOVINE ALBUMIN FRACTION V	AR	100G	AS AND WHEN REQUIRED	
34	BOVINE SERUM ALBUMIN FRACTION V	OXOID		AS AND WHEN REQUIRED	
35	BRAIN HEART INFUSION (BHI) BROTH	CM0225	500G	AS AND WHEN REQUIRED	
36	BRAIN HEART INFUSION BROTH	CM 1135B	500G	AS AND WHEN REQUIRED	
37	BRILLIANCE CAMPYCOUNT AGAR	PO1185	500G	AS AND WHEN REQUIRED	
38	BRILLIANCE CANDIDA AGAR	CM1002	500G	AS AND WHEN REQUIRED	
39	BRILLIANCE CANDIDA AGAR SELECTIVE SUPPLEMENT	SR0231	PACK OF 10 VIALS	AS AND WHEN REQUIRED	
40	BRILLIANCE E.COLI/COLIFORM AGAR CM0956 OXOID	CM0956 OXOID	500G	AS AND WHEN REQUIRED	
41	BRILLIANCE LISTERIA AGAR	CM1212	500G	AS AND WHEN REQUIRED	
42	BRILLIANT GREEN AGAR	CM0329 OXOID	500G	AS AND WHEN REQUIRED	
43	BRILLIANT GREEN AGAR (MODIFIED)	70134	500G	AS AND WHEN REQUIRED	
44	BRILLIANT GREEN BILE (2%) BROTH	CM0031	500G	AS AND WHEN REQUIRED	
45	BUFFERED PEPTONE WATER	107228	500G	AS AND WHEN REQUIRED	
46	BUFFERED PEPTONE WATER (CM 0509)		500G	AS AND WHEN REQUIRED	
47	BUFFERED PEPTONE WATER 1072280500 MERCK		500G	AS AND WHEN REQUIRED	
48	CALCIUM CHLORIDE-6HYDRATE AR		100 G	AS AND WHEN REQUIRED	
49	CAMPYGEN 3.5L CN0035A OXOID	CN0025A	PACK/10	AS AND WHEN REQUIRED	
50	CAMPYGEN 3.5L OXOID	CN0035A	PACK/10	AS AND WHEN REQUIRED	
51	CAMPYLOBACTER BLOOD FREE SELECTIVE AGAR BASE	CM0739	500G	AS AND WHEN REQUIRED	
52	CAMPYLOBACTER GROWTH SUPPLEMENT (LIQUID) SR0232		PACK/10 VIALS	AS AND WHEN REQUIRED	
53	CARBOHYDRATE UTILIZATION BROTH	7410	500G	AS AND WHEN REQUIRED	
54	CARBOHYDRATE UTILIZATION BROTH SIGMA 07410		500G	AS AND WHEN REQUIRED	

55	CBS SELECTIVE SUPPLEMENT (VANCOMYCIN)		PACK/10 VIALS	AS AND WHEN REQUIRED	
56	CCDA SELECTIVE SUPPLEMENT	SR0155	PACK 10'S	AS AND WHEN REQUIRED	
57	CEFEXIME-TELLURITE SELECTIVE SUPPLEMENT	SR0172	PACK (10 VIALS)	AS AND WHEN REQUIRED	
58	CELLULOSE ACETATE FILTER 0.45µM 85MMØ	700283	PACK 50	AS AND WHEN REQUIRED	
59	CFC SELECTIVE AGAR SUPPLEMENT	SR103	PACK 10'S	AS AND WHEN REQUIRED	
60	CHARCOAL YEAST EXTRACT AGAR	CM0655	500G	AS AND WHEN REQUIRED	
61	CHLORAMPHENICAL SUPPLEMENT	SR0078	PACK 10'S	AS AND WHEN REQUIRED	
62	CHLORAMPHENICAL) AGAR GRANUCULT 100465		500G	AS AND WHEN REQUIRED	
63	CHLORAMPHENICOL SUPPLEMENT SR0078		PACK 10'S	AS AND WHEN REQUIRED	
388	CHROMAGAR BACILLUS CEREUS 5000ML FOR 250 PLATES, 166.5 GRAMS INCLUDING SUPPLEMENT	BC732	166.5G	AS AND WHEN REQUIRED	
64	CHROMAGAR C.PERFRINGENS 5000ML INCLUDING SUPPLEMENT	PF652	254.5	AS AND WHEN REQUIRED	
65	CHROMAGAR CAMPYLOBACTER 5000ML INCLUDING SUPPLEMENT	CP572	256G	AS AND WHEN REQUIRED	
66	CHROMAGAR ENTEROBACTERIA 5000ML	EB042	211.5G	AS AND WHEN REQUIRED	
67	CHROMAGAR ESCHERICHIA COLI O157 5000 ML INCLUDING SUPPLEMENT	EE222	146G	AS AND WHEN REQUIRED	
68	CHROMAGAR IDENTIFICATION LISTERIA 250ML INCLUDING SUPPLEMENT	LK970	12.95G	AS AND WHEN REQUIRED	
69	CHROMAGAR LISTERIA 5000ML INCLUDING SUPPLEMENT	LM852	257.5G	AS AND WHEN REQUIRED	
70	CHROMAGAR RAMBACH AGAR 5000ML INCLUDING SUPPLEMENTS	RR702	153.5	AS AND WHEN REQUIRED	
71	CHROMAGAR SALMONELLA PLUS 5000ML INCLUDING SUPPLEMENT	SA162	164G	AS AND WHEN REQUIRED	
72	CHROMAGAR VIBRIO 5000 ML ICLUDING SUPPLEMENTS	VB912	373.5	AS AND WHEN REQUIRED	
73	CHROMAGAR YERSINIA ENTEROCOLITICA 5000ML INCLUDING SUPPLEMENTS	YE492	206.5	AS AND WHEN REQUIRED	
74	CHROMAGAR™ CCA	EF343-500G	500G	AS AND WHEN REQUIRED	
75	CHROMAGAR™ E.COLI	EC16-500G	500G	AS AND WHEN REQUIRED	
76	CHROMAGAR™ ECC	EF323-500G	500G	AS AND WHEN REQUIRED	
77	CHROMAGAR™ PSEUDOMONAS	PS83-500G	500G	AS AND WHEN REQUIRED	
78	CHROMAGAR™ STAPH AUREUS 5000ML INCLUDING SUPPLEMENT	TA672	412.5G	AS AND WHEN REQUIRED	
79	CHROMAGAR™ STEC 5000ML INCLUDING SUPPLEMENT	ST162	154G	AS AND WHEN REQUIRED	
80	CHROMAGAR™ VIBRIO	VB91-500G	500G	AS AND WHEN REQUIRED	
81	CHROMOGENIC COLIFORM AGAR ISO	OXOID/MERCK/CONDA	500G	AS AND WHEN REQUIRED	
82	CHROMOGENIC CRONOBACTER ISOLATION (CCI) AGAR (CCI) 120596	OXOID/MERCK/CONDA	500G	AS AND WHEN REQUIRED	
83	CHROMOGENIC CRONOBACTER ISOLATION AGAR	120596	500G	AS AND WHEN REQUIRED	
84	CN SELECTIVE SUPPLEMENT	SR102	PACK 10'S	AS AND WHEN REQUIRED	
85	COLIFORM AGAR ACC. TO ISO 9308-1	110426	500G	AS AND WHEN REQUIRED	
86	COLILERT-18 FOR 100ML SAMPLES	IDDEX	PACK OF 200 TESTS	AS AND WHEN REQUIRED	
87	COLUMBIA BLOOD AGAR	CM0331	500G	AS AND WHEN REQUIRED	
88	COOKED MEAT MEDIUM	CM0081	500G	AS AND WHEN REQUIRED	
89	CORN MEAL AGAR CM0103		500G	AS AND WHEN REQUIRED	
90	CRONOBACTER SELECTIVE BROTH (CSB) 120597	120597	500G	AS AND WHEN REQUIRED	

91	CRONOBACTER SELECTIVE BROTH 120597 MERCK		500G	AS AND WHEN REQUIRED	
92	CSB SELECTIVE SUPPLEMENT (VANCOMYCIN) 120595	120595	PACK 10'S	AS AND WHEN REQUIRED	
93	CYCLOHEXIMIDE 0.1% SR 022		PACK 10'S	AS AND WHEN REQUIRED	
94	DEFIBRINATED SHEEP BLOOD	SR 0051	100ML	AS AND WHEN REQUIRED	
95	DEFIBRINATED SHEEP BLOOD	FRESHLY PREPARED (LOCAL)	10ML	AS AND WHEN REQUIRED	
96	DENT'S SUPPLEMENT	OXOID/MERCK/CONDA	PACK OF 10	AS AND WHEN REQUIRED	
97	DEXTROSE TRYPTONE AGAR	CM0075	500G	AS AND WHEN REQUIRED	
98	DG18 (DICHLORAN GLYCEROL CHLORAMPHENICAL) AGAR	100465	500G	AS AND WHEN REQUIRED	
99	DISPENSER 1-10ML		PCS	AS AND WHEN REQUIRED	
100	DISPOSABLE BAGS SIZE XL	XL	PACKET	AS AND WHEN REQUIRED	
101	DISPOSABLE BAGS SIZE XXL	XXL	PACKET	AS AND WHEN REQUIRED	
102	DISPOSABLE PETRIDISH 90-100MM DIAMETER	STERILE	500/PK	AS AND WHEN REQUIRED	
103	DISPOSABLE PLASTIC SPREADERS		PACK OF 100	AS AND WHEN REQUIRED	
104	DNA EXTRACTION – QIAGEN DNEASY KIT. 250 REACTIONS	QIAGEN	BOX 250 REACTIONS	AS AND WHEN REQUIRED	
105	DNASE AGAR	CM0321	500G	AS AND WHEN REQUIRED	
106	DRBC (DICHLORAN-ROSE BENGAL CHLORAMPHENICOL) AGAR GRANUCULT	100466	500G	AS AND WHEN REQUIRED	
107	DUST MASKS		PKT 100S	AS AND WHEN REQUIRED	
108	DUST MASKS		PACK 100'S	AS AND WHEN REQUIRED	
109	DYNABEADS ANTI-E.COLI O157	71003	5ML	AS AND WHEN REQUIRED	
110	E.COLI O157 LATEX TEST KIT	DR0620	PACK	AS AND WHEN REQUIRED	
111	EGG YOLK EMULSION SR47	OXOID	100ML	AS AND WHEN REQUIRED	
112	EGG YOLK TELLURITE EMULSION 103785 MERCK	MERCK	100ML	AS AND WHEN REQUIRED	
113	EGG YOLK TELLURITE EMULSION 75208 FLUKA	FLUKA	100ML	AS AND WHEN REQUIRED	
114	EGGYOLK EMULSION	SR47	100ML	AS AND WHEN REQUIRED	
115	EGGYOLK TELLURITE EMULSION	SR54	100ML	AS AND WHEN REQUIRED	
116	ENTEROBACTER SAKAZAKII ISOLATION AGAR	CM1134	500G	AS AND WHEN REQUIRED	
117	ENTEROLERT	FOR 100ML SAMPLES	PACK OF 200 TESTS	AS AND WHEN REQUIRED	
118	EPPENDORF EP T.I.P.S, 50-1000µL		PACK OF 1000	AS AND WHEN REQUIRED	
119	EUGON LT 100 BROTH CONDA	M1517	500G	AS AND WHEN REQUIRED	
120	FRASER BROTH	CM0895	500G	AS AND WHEN REQUIRED	
121	FRASER LISTERIA AMMONIUM IRON (III) SUPPLEMENT		PACK (10 VIALS)	AS AND WHEN REQUIRED	
122	FRASER LISTERIA SELECTIVE SUPPLEMENT		PACK (10 VIALS)	AS AND WHEN REQUIRED	
123	FRASER SUPPLEMENT	SR 156 OXOID	PACK (10 VIALS)	AS AND WHEN REQUIRED	
124	GEL MOTILITY MEDIUM	M1053-500G	500G	AS AND WHEN REQUIRED	
125	GLASS SAMPLE SPREADER (MICROBIOLOGY)		PCS	AS AND WHEN REQUIRED	
126	GLUCOSE AR	AR	100 G	AS AND WHEN REQUIRED	
127	GLUCOSE TRYPTONE MEDIUM	CM0127	500G	AS AND WHEN REQUIRED	
128	GLUCOSE TRYPTONE MEDIUM	70159	500G	AS AND WHEN REQUIRED	
129	GLUCOSE YEAST EXTRACT CALCIUM CARBONATE (GYC CONDA)	2026	500G	AS AND WHEN REQUIRED	
130	GLYCEROL	AR	2.5L	AS AND WHEN REQUIRED	
131	GYC AGAR	OXOID	500G	AS AND WHEN REQUIRED	
132	GYC AGAR	CAT NO. 2016	500G	AS AND WHEN REQUIRED	
133	GYC AGAR MEDIUM	(CAT. NO. 2026)	500G	AS AND WHEN REQUIRED	
134	H.PYLORI SELECTIVE SUPPLEMENT	SR0147	PACK (10 VIALS)		

135	HALF FRASER (DEMI FRASER) BROTH BASE WITH ANTIBIOTICS	OXOID	500G	AS AND WHEN REQUIRED	
136	HALF FRASER SELECTIVE SUPPLEMENT	SR0166	PACK (10 VIALS)	AS AND WHEN REQUIRED	
137	HALF FRASER SELECTIVE SUPPLEMENT	SR0166 OXOID	PACK (10 VIALS)	AS AND WHEN REQUIRED	
138	HALF FRASER SUPPLEMENT	SR0166E OXOID	PACK/10 VIALS	AS AND WHEN REQUIRED	
139	HEAD NETS (BUFFON CLIP CAPS)		PACK 1000'S	AS AND WHEN REQUIRED	
140	HEKTOEN ENTERIC AGAR	CM0419	500G	AS AND WHEN REQUIRED	
141	HORSE SERUM	SR0035C	100ML	AS AND WHEN REQUIRED	
142	INDOXYL ACETATE STRIPS	4739	PACK 100'S	AS AND WHEN REQUIRED	
143	IODINE IODIDE SOLUTION		100ML	AS AND WHEN REQUIRED	
144	IRON SULPHITE AGAR CM0079	CM0079	500G	AS AND WHEN REQUIRED	
145	ITC BROTH (BASE)	17156	500G	AS AND WHEN REQUIRED	
146	KANAMYCIN AESCULIN AZIDE AGAR	CM0591B	500G	AS AND WHEN REQUIRED	
147	KANAMYCIN AESCULINE AZIDE AGAR BASE	CM0591	500G	AS AND WHEN REQUIRED	
148	KANAMYCIN SULPHATE SELECTIVE SUPPLEMENT (SR 92)	(SR 92)	PACK (10 VIALS)	AS AND WHEN REQUIRED	
149	KING AGAR A 60788	MERCK 60788	500G	AS AND WHEN REQUIRED	
150	KING AGAR B 60786	MERCK 60786	500G	AS AND WHEN REQUIRED	
151	KLIGLER IRON AGAR CM0033	CM0033	500G	AS AND WHEN REQUIRED	
152	KOVACS INDOLE REAGENT	HIMEDIA	500ML	AS AND WHEN REQUIRED	
153	L ∞ PHOSPHATIDYL CHOLINE	AR	500G	AS AND WHEN REQUIRED	
154	LACTIC ACID 10% SR21	SR21	PACK (10 VIALS)	AS AND WHEN REQUIRED	
155	LACTOSE GELATINE MEDIA	61348	500G	AS AND WHEN REQUIRED	
156	LACTOSE SULFITE MEDIUM	M1287	500 G	AS AND WHEN REQUIRED	
157	LAKED HORSE BLOOD SR0048	SR0048	100ML	AS AND WHEN REQUIRED	
158	LAKED HORSE BLOOD SR048C		100ML	AS AND WHEN REQUIRED	
159	L-ARGININE DIHYDRATION MEDIUM	M1644	500G	AS AND WHEN REQUIRED	
160	LB BROTH (MILLER) POWDER MICROBIAL GROWTH MEDIUM	OXOID	500G	AS AND WHEN REQUIRED	
161	LEGIOLERT FOR 100ML SAMPLES	IDEXX	200 TESTS	AS AND WHEN REQUIRED	
162	LEGIOLERT PRETREATMENT	IDEXX	100ML	AS AND WHEN REQUIRED	
163	LEGIONELLA BCYE GROWTH SUPPLEMENT OMITTING L-CYSTEINE SR0175	SR0175	PACK (10 VIALS)	AS AND WHEN REQUIRED	
164	LEGIONELLA BCYE GROWTH SUPPLEMENT SR 0175		PACK (10 VIALS)	AS AND WHEN REQUIRED	
165	LEGIONELLA BCYE GROWTH SUPPLEMENT SR0110A	SR0110A	PACK (10 VIALS)	AS AND WHEN REQUIRED	
166	LEGIONELLA BCYE GROWTH SUPPLEMENT SR0110A		PACK (10 VIALS)	AS AND WHEN REQUIRED	
167	LEGIONELLA BCYE GROWTH SUPPLEMENT SR0110C	SR0110C	PACK (10 VIALS)	AS AND WHEN REQUIRED	
168	LEGIONELLA CYE AGAR BASE	CM0655	500G	AS AND WHEN REQUIRED	
169	LEGIONELLA CYE AGAR BASE CM0655	CM0655	500G	AS AND WHEN REQUIRED	
170	LEGIONELLA GVPC SELECTIVE SUPPLEMENT	SR0152	PACK (10 VIALS)	AS AND WHEN REQUIRED	
171	LEGIONELLA GVPC SELECTIVE SUPPLEMENT	SR0152 OXOID	PACK (10 VIALS)	AS AND WHEN REQUIRED	
172	LEGIONELLA LATEX	DR0800	PACK	AS AND WHEN REQUIRED	
173	LEVINE EOSIN-METHYLENE BLUE AGAR MEDIUM	CM0069	500G	AS AND WHEN REQUIRED	
174	LEVINE-EMB AGAR	1013420500 MERCK	500G	AS AND WHEN REQUIRED	
175	LISTERIA AGAR ENRICHMENT SUPPLEMENT	1.00439.0010	PACK (10 VIALS)	AS AND WHEN REQUIRED	
176	LISTERIA AGAR SELECTIVE SUPPLEMENT	1.00432.0010	PACK (10 VIALS)	AS AND WHEN REQUIRED	
177	LISTERIA AGAR(BASE) ACCORDING TO OTTAVANI AND AGOSTI	1.00427.0500	500G	AS AND WHEN REQUIRED	

178	LISTERIA CHROMOGENIC LIPASE C SUPPLEMENT (CONDALAB)	6031	PACK/10'S	AS AND WHEN REQUIRED		
179	LISTERIA MONO ENRICHMENT SUPPLEMENT I 03708 SIGMA	03708 SIGMA	PACK/10 VIALS	AS AND WHEN REQUIRED		
180	LISTERIA MONO SELECTIVE SUPPLEMENT (MILLIPORE)	40784	PACK (10 VIALS)	AS AND WHEN REQUIRED		
181	LISTERIA SELECTIVE AGAR BASE (OXFORD)	CM0856	500G	AS AND WHEN REQUIRED		
182	LISTERIA SELECTIVE SUPPLEMENT	SR0140E	PACK/10 VIALS	AS AND WHEN REQUIRED		
183	LISTERIA SELECTIVE SUPPLEMENT I 92301 SIGMA	92301 SIGMA	PACK/10 VIALS	AS AND WHEN REQUIRED		
184	LISTERIA SELECTIVE SUPPLEMENT II 91603 SIGMA	91603 SIGMA	PACK/10 VIALS	AS AND WHEN REQUIRED		
185	LISTERIA SELECTIVE SUPPLEMENT SR0140	SR0140	PACK (10 VIALS)	AS AND WHEN REQUIRED		
186	LISTERIA TEST KIT	DR1126	PACK	AS AND WHEN REQUIRED		
187	LIVER BROTH	CM0077	500G	AS AND WHEN REQUIRED		
188	L-ORNITHINE DECARBOXYLASE MEDIUM	M1223	500G	AS AND WHEN REQUIRED		
189	LYSINE DECARBOXYLASE BROTH	MERCK 66304	500G	AS AND WHEN REQUIRED		
190	LYSINE DECARBOXYLASE BROTH (TYLOR MODIFICATION)	CM0308	PACK(100TABLETS)	AS AND WHEN REQUIRED		
191	LYSINE DECARBOXYLASE SALINE MEDIUM (HIMEDIA)	SKU: M1778	500	AS AND WHEN REQUIRED		
192	LYSINE MEDIUM	CM0191	500G	AS AND WHEN REQUIRED		
193	MACCONKEY AGAR CM0007	CM0007	500G	AS AND WHEN REQUIRED		
194	MACCONKEY BROTH (PURPLE) CM5A	CM5A	500G	AS AND WHEN REQUIRED		
195	MACCONKEY BROTH CM0005B OXOID	CM0005B OXOID	500G	AS AND WHEN REQUIRED		
196	MAGNESIUM CHLORIDE AR		100G	AS AND WHEN REQUIRED		
197	MALT EXTRACT AGAR	CM0059B	500G	AS AND WHEN REQUIRED		
198	MANNITOL AR	AR	100 G	AS AND WHEN REQUIRED		
199	MANNITOL SALT AGAR CM 0085	CM 0085	500G	AS AND WHEN REQUIRED		
200	MAXIMUM RECOVERY DILUENT (PEPTONE SALINE DILUENT) CM0733	CM0733	500G	AS AND WHEN REQUIRED		
201	MEMBRANE FILTERS 0.22M STERILE INDIVIDUALLY PACKED CELLULOSE ACETATE 47MM Ø	0.22MM	PACK/100'S	AS AND WHEN REQUIRED		
202	MEMBRANE FILTERS 0.22M STERILE INDIVIDUALLY PACKED CELLULOSE ACETATE 47MM Ø MILLIPORE	MILLIPORE	PACK/150'S	AS AND WHEN REQUIRED		
203	MEMBRANE FILTERS 0.45M STERILE INDIVIDUALLY PACKED CELLULOSE ACETATE 47MM Ø	0.45M	PACK/100'S	AS AND WHEN REQUIRED		
204	MEMBRANE FILTERS 0.45M STERILE INDIVIDUALLY PACKED CELLULOSE ACETATE 47MM Ø MILLIPORE	MILLIPORE	PACK/150'S	AS AND WHEN REQUIRED		
205	MICOBACT REAGENT SET D (INDOLE, VPI, VPII, TDA, NIT A/B)	MB1082	PACK	AS AND WHEN REQUIRED		
206	MICROBACT 12E	OXOID	PACK	AS AND WHEN REQUIRED		
207	MICROBACT 12L	MB1128	PACK 20'S	AS AND WHEN REQUIRED		
208	MICROBACT 12S	MB1561	PACK	AS AND WHEN REQUIRED		
209	MICROBACT 24E MB1074A	MB1074A	PACK (20 POUCHES)	AS AND WHEN REQUIRED		
210	MICROBACT GNB REAGENTS AND ACCESSORIES	MB1093A	PACK	AS AND WHEN REQUIRED		
211	MICROBACT STAPH FAST BLUE REAGENT MB1588	MB18588	2X100ML	AS AND WHEN REQUIRED		
212	MICROPIPETE TIPS (20-100 UL)		PKT 100S	AS AND WHEN REQUIRED		
213	MICROPIPETE TIPS (100-1000 UL)		PKT 100S	AS AND WHEN REQUIRED		
214	MICROPIPETE TIPS (10-100 UL)		PKT 100S	AS AND WHEN REQUIRED		
215	MILK PLATE COUNT AGAR	(CM 0681)	500G	AS AND WHEN REQUIRED		

216	MILK PLATE COUNT AGAR CM0681	CM0681	500G	AS AND WHEN REQUIRED		
217	MINERAL MODIFIED GLUTAMATE AGAR	CM0607G	500G	AS AND WHEN REQUIRED		
218	MINERAL MODIFIED GLUTAMATE AGAR GRANVOULT MERCK	MERCK	500G	AS AND WHEN REQUIRED		
219	MINERAL MODIFIED MEDIUM BASE + SODIUM GLUTAMATE	CM0607G	500G	AS AND WHEN REQUIRED		
220	MINERAL OIL	MB1093 OXOID	100ML	AS AND WHEN REQUIRED		
221	MINERALS MODIFIED GLUTAMATE MEDIUM	CM0607G	500G	AS AND WHEN REQUIRED		
222	MKTTN (MULLER-KAUFFMANN TETRATHIONATE NOVOBIOCIN) BROTH BASE	CM1048B	500G	AS AND WHEN REQUIRED		
223	MKTTN (MULLER-KAUFFMANN TETRATHIONATE NOVOBIOCIN) BROTH (BASE)	105878	500G	AS AND WHEN REQUIRED		
224	MMGA (MINERAL MODIFIED GLUTAMATE) AGAR	1.09045	500G	AS AND WHEN REQUIRED		
225	MODIFIED BOLTON BROTH SELECTIVE SUPPLEMENT	SR208E OXOID	PACK/10 VIALS	AS AND WHEN REQUIRED		
226	MODIFIED LAURYL SULFATE TRYPTOSE BROTH	CM0967	500G	AS AND WHEN REQUIRED		
227	MODIFIED LAURYL SULPHATE BROTH	CM1133 OXOID	500G	AS AND WHEN REQUIRED		
228	MODIFIED NEWMAN-LAMPERT STAIN SOLUTION (LEVOWITZ-WEBER MODIFICATION)		1 LITRE	AS AND WHEN REQUIRED		
229	MODIFIED PRESTON CAMPYLOBACTER SELECTIVE SUPPLEMENT	SR0204	PACK/10 VIALS	AS AND WHEN REQUIRED		
230	MODIFIED TRYPTONE SOYA BROTH	CM0989	500G	AS AND WHEN REQUIRED		
231	MODIFIED TRYPTONE SOYA BROTH	CM0989 OXOID	500G	AS AND WHEN REQUIRED		
232	MOTILITY AGAR	M1053-500G	500G	AS AND WHEN REQUIRED		
233	MOTILITY NITRATE MEDIUM	14305	500G	AS AND WHEN REQUIRED		
234	MRS AGAR CM0361	CM0361	500G	AS AND WHEN REQUIRED		
235	MUELLER-HINTON AGAR	CM0337B OXOID	500	AS AND WHEN REQUIRED		
236	MUP SELECTIVE SUPPLEMENT		PACK 10 VIALS	AS AND WHEN REQUIRED		
237	MUPSELECTIVE SUPPLEMENT	100045	PACK 10 VIALS	AS AND WHEN REQUIRED		
238	MYP (MANNITOL EGG YOLK EMULSION POLIMYXIN) AGAR	CM0929	500G	AS AND WHEN REQUIRED		
239	MYP AGAR (MANNITOL EGG YOLK POLYMYXIN AGAR) CM 0929 OXOID	CM0929 OXOID	500G	AS AND WHEN REQUIRED		
240	NICHROME WIRE LOOPS 1ML		PACK 10'S	AS AND WHEN REQUIRED		
241	NITRATE MOTILITY MEDIUM	OXOID/MERCK/CONDA	500G	AS AND WHEN REQUIRED		
242	NITRILE GLOVES (LARGE, MEDIUM)	LARGE	PKT 100S	AS AND WHEN REQUIRED		
243	NITRILE GLOVES (LARGE, MEDIUM)	MEDIUM	PKT 100S	AS AND WHEN REQUIRED		
244	NITRILE GLOVES (LARGE, MEDIUM)	XXL	PKT 100S	AS AND WHEN REQUIRED		
245	NON-ABSORBENT COTTON WOOL (500G)		ROLLS	AS AND WHEN REQUIRED		
246	NOVOBIOCIN	SR0181	PACK (10 VIALS)	AS AND WHEN REQUIRED		
247	NOVOBIOCIN SUPPLEMENT	SR0181E	PACK (10 VIALS)	AS AND WHEN REQUIRED		
248	NUTRIENT AGAR	1.05450 MERCK	500G	AS AND WHEN REQUIRED		
249	NUTRIENT AGAR CM0003	CM0003	500G	AS AND WHEN REQUIRED		
250	NUTRIENT BROTH	CM0001B OXOID	500G	AS AND WHEN REQUIRED		
251	NUTRIENT BROTH NO 2 CM0067	CM0067	500G	AS AND WHEN REQUIRED		
252	OGYE AGAR BASE	105978	500G	AS AND WHEN REQUIRED		
253	OGYE AGAR BASE	OXOID	500G	AS AND WHEN REQUIRED		
254	OGYE AGAR BASE 105978	MERCK	500G	AS AND WHEN REQUIRED		
255	OGYE SELECTIVE SUPPLEMENT	109877	PACK (10 VIALS)	AS AND WHEN REQUIRED		
256	OGYE SELECTIVE SUPPLEMENT	(SR 0073A)	PACK (10 VIALS)	AS AND WHEN REQUIRED		

257	ONPG DISCS (CODE DD13)	DD13	PACK 50 DISCS	AS AND WHEN REQUIRED	
258	ORNITHINE DECARBOXYLASE BROTH	OXOID	500G	AS AND WHEN REQUIRED	
259	OXIDASE STRIPS	MB0266	PACK 50 STRIPS	AS AND WHEN REQUIRED	
260	OXOID AGAR NO. 3	CM0049	500G	AS AND WHEN REQUIRED	
261	OXYTETRACYCLINE GLUCOSE YEAST EXTRACT AGAR (OGYE)	CM0545	500G	AS AND WHEN REQUIRED	
262	OXYTETRACYCLINE GYE SELECTIVE SUPPLEMENT	SR0073	PACK (10 VIALS)	AS AND WHEN REQUIRED	
263	PALCAM AGAR	CM0877	500G	AS AND WHEN REQUIRED	
264	PANCREATIC DIGEST OF CASEIN	OXOID	500G	AS AND WHEN REQUIRED	
265	PE-2 MEDIUM	M611	500G	AS AND WHEN REQUIRED	
266	PE-2 MEDIUM	OXOID	500G	AS AND WHEN REQUIRED	
267	PEPTONE (RVS) BROTH	105438	500G	AS AND WHEN REQUIRED	
268	PEPTONE SORBITOL BILE BROTH	17192	500G	AS AND WHEN REQUIRED	
269	PEPTONE WATER CM09	CM09	500G	AS AND WHEN REQUIRED	
270	PERFRIGENS (TSC) SELECTIVE SUPPLEMENT SR0088	SR0088	PACK (10 VIALS)	AS AND WHEN REQUIRED	
271	PERFRINGENS AGAR BASE	CM0587	500G	AS AND WHEN REQUIRED	
272	PERFRINGENS AGAR BASE(TSC/SFP)	CM587	500	AS AND WHEN REQUIRED	
273	PHOSPHATE BUFFER SOLUTION, PH 7.2	806544-1L	1LITRE	AS AND WHEN REQUIRED	
274	PIKVOVSKAYAS AGAR	M520 HIMEDIA	500G	AS AND WHEN REQUIRED	
275	POLYMYXIN B SUPPLEMENT	SR0099	PACK (10 VIALS)	AS AND WHEN REQUIRED	
276	POLYMYXIN B SUPPLEMENT	SR0099E OXOID	PACK (10 VIALS)	AS AND WHEN REQUIRED	
277	POTASSIUM CHLORATE SUPPLEMENT	17777 MILLIPORE	10 VIALS	AS AND WHEN REQUIRED	
278	POTASSIUM LACTATE 50% SR37	SR37	PACK (10 VIALS)	AS AND WHEN REQUIRED	
279	POTATO DEXTROSE AGAR	CM0139	500G	AS AND WHEN REQUIRED	
280	PSEUDOLERT	FOR 100ML SAMPLES	PACK OF 200 TESTS	AS AND WHEN REQUIRED	
281	PSEUDOMONAS AGAR BASE CM0559	CM0559	500G	AS AND WHEN REQUIRED	
282	PSEUDOMONAS CENTRIMIDE AGAR	CM0579	500G	AS AND WHEN REQUIRED	
283	PSEUDOMONAS CETRIMIDE AGAR	OOXOID	500G	AS AND WHEN REQUIRED	
284	RABBIT PLASMA (RPF SUPPLEMENT)	SR122	PACK 10'S	AS AND WHEN REQUIRED	
285	RAPID L MONO AGAR (OXOID, CONDALAB, SIGMA)	OXOID	500	AS AND WHEN REQUIRED	
286	RAPID L MONO SUPPLEMENT (OXOID, CONDALAB, SIGMA)	(OXOID, CONDALAB, SIGMA)	PACK (10 VIALS)	AS AND WHEN REQUIRED	
287	RAPID L MONO SUPPLEMENT I (OXOID, CONDALAB, SIGMA)	(OXOID, CONDALAB, SIGMA)	PACK (10 VIALS)	AS AND WHEN REQUIRED	
288	RAPID L.MONO AGAR DEHYDRATED BIORAD	3564294	500G	AS AND WHEN REQUIRED	
289	RAPID L.MONO AGAR DEHYDRATED BIORAD	BIORAD	500	AS AND WHEN REQUIRED	
290	RAPID L.MONO AND RAPID LISTERIA SPP SUPPLIMENT 2	BIORAD	PACK (10 VIALS)	AS AND WHEN REQUIRED	
291	RAPID L.MONO AND RAPID LISTERIA SPP. SUPPLEMENT 2 BIORAD	3564746	PACK (10 VIALS)	AS AND WHEN REQUIRED	
292	RAPID L.MONO SUPPLEMENT 1 BIORAD	3564294	PACK (10 VIALS)	AS AND WHEN REQUIRED	
293	RAPID L.MONO SUPPLIMENT 1	BIORAD	PACK (10 VIALS)	AS AND WHEN REQUIRED	
294	RAPPAPORT VASSILIADIS SOYA (RVS) BROTH		500G	AS AND WHEN REQUIRED	
295	RAPPAPORT VASSILIADIS SOYA PEPTONE (RVS) BROTH	107700	500G	AS AND WHEN REQUIRED	
296	RAPPARPORT VASSILIADS SOYA PEPTONE (RVS) BROTH	CM 0866	500G	AS AND WHEN REQUIRED	
297	RAPPARPORT VASSILIADS SOYA PEPTONE (RVS) BROTH	107700 MERCK	500G	AS AND WHEN REQUIRED	

298	RE-USABLE 10 MICROLITER NICHROME WIRE INOCULATING LOOPS (MICROBIOLOGY)		PACK OF 10	AS AND WHEN REQUIRED	
299	RE-USABLE PIPETTE TIPS, BOX- EPPENDORF BOX 2.0, FOR 100 MICROLITER TIPS		PCS	AS AND WHEN REQUIRED	
300	RHAMNOSE AR	AR	100 G	AS AND WHEN REQUIRED	
301	RNA EXTRACTION – QIAGEN DNEASY KIT. 250 REACTIONS		BOX 250 REACTIONS	AS AND WHEN REQUIRED	
302	ROSE BENGAL CHLORAMPHENICOL AGAR CM0549B OXOID	CM0549B OXOID	500G	AS AND WHEN REQUIRED	
303	SALINE NUTRIENT AGAR	CONDALAB	500G	AS AND WHEN REQUIRED	
304	SALINE TRYPTONE WATER	CONDALAB	500G	AS AND WHEN REQUIRED	
305	SALINE TSI AGAR	CONDALAB	500G	AS AND WHEN REQUIRED	
306	SALMONELLA ANTISERUM H	R30858501/ZD01	2 ML	AS AND WHEN REQUIRED	
307	SALMONELLA ANTISERUM O-	R30858201/ZC02	2 ML	AS AND WHEN REQUIRED	
308	SALMONELLA ANTISERUM VI-	R30957401/ZC18	2 ML	AS AND WHEN REQUIRED	
309	SALMONELLA SHIGELLA AGAR	CM0099	500G	AS AND WHEN REQUIRED	
310	SAPONIN	AR	500G	AS AND WHEN REQUIRED	
311	SELENITE BROTH BASE (LACTOSE)	CM0395	500G	AS AND WHEN REQUIRED	
312	SHAPTON AGAR	M645	500G	AS AND WHEN REQUIRED	
313	SHEEP BLOOD AGAR BASE	CM 0854B	500G	AS AND WHEN REQUIRED	
314	SHEEP BLOOD AGAR CM0854	CM0854	500G	AS AND WHEN REQUIRED	
315	SHIGELLA ANTISERA A	ZE02/R30163701	2ML	AS AND WHEN REQUIRED	
316	SHIGELLA ANTISERA B	ZF01/R30163801	2ML	AS AND WHEN REQUIRED	
317	SHIGELLA ANTISERA C 12-15	ZG03/R30164101	2ML	AS AND WHEN REQUIRED	
318	SHIGELLA ANTISERA C 1-6	ZG01/R30163901	2ML	AS AND WHEN REQUIRED	
319	SHIGELLA ANTISERA C 7-11	ZG02/R30164001	2ML	AS AND WHEN REQUIRED	
320	SHIGELLA ANTISERA D	ZH01/R30164201	2ML	AS AND WHEN REQUIRED	
321	SHIGELLA BROTH BASE	75028	500G	AS AND WHEN REQUIRED	
322	SHIGELLA BROTH BASE	CM 1033	500G	AS AND WHEN REQUIRED	
323	SIM (SULPHITE INDOLE MOTILITY) AGAR	CM0435B	500G	AS AND WHEN REQUIRED	
324	SKIM MILK POWDER FOR MICROBIOLOGY,	115363 MILLIPORE	500G	AS AND WHEN REQUIRED	
325	SLANETZ & BARTLEY MEDIUM	CM0377	500G	AS AND WHEN REQUIRED	
326	SORBITOL MACCONKEY AGAR	CM0813B OXOID	500	AS AND WHEN REQUIRED	
327	SSDC AGAR (SALMONELLA SHIGELLA WITH DEOXYCHOLATE CALCIUM CHLORIDE) CONDALAB/SIGMA	1360	500G	AS AND WHEN REQUIRED	
328	STAINLESS STEEL FORCEPS, SHARP, BENT FORM 130MM LENGTH		PCS	AS AND WHEN REQUIRED	
329	STAINLESS STEEL FORCEPS, STRAIGHT WITH BLUNT END, 130MM LENGTH		PCS	AS AND WHEN REQUIRED	
330	STAINLESS STEEL FORCEPS, STRAIGHT WITH SHARP END, 130MM LENGTH		PCS	AS AND WHEN REQUIRED	
331	STAINLESS STEEL LABORATORY SCISSORS		PCS	AS AND WHEN REQUIRED	
332	STAINLESS STEEL SCALPEL HANDLE		PCS	AS AND WHEN REQUIRED	
333	STANDARD PLATE COUNT AGAR CM0463	CM0463	500G	AS AND WHEN REQUIRED	
334	STAPHYLOCOCCAL LATEX	DR0850	PACK	AS AND WHEN REQUIRED	
335	STAPHYTECT PLUS	DR0850	PACK	AS AND WHEN REQUIRED	
336	STERIKON® PLUS BIOINDICATOR FOR AUTOCLAVE VERIFICATION	110274	100/PKT	AS AND WHEN REQUIRED	
337	STERILE MINERAL OIL	MB1093	100ML	AS AND WHEN REQUIRED	

338	STOMACHER BAGS STERILE SEAWARD 80-400ML CAPACITY	BA6041/5	PACK/500	AS AND WHEN REQUIRED	
339	SULFITE INDOLE MOTILITY AGAR	(OXOID, CONDALAB, SIGMA)	500	AS AND WHEN REQUIRED	
340	SULFITE IRON AGAR	110864	500G	AS AND WHEN REQUIRED	
341	T.B.X AGAR	92435 MERCK	500G	AS AND WHEN REQUIRED	
342	T.C.B.S CHOLERA MEDIUM CM0333	CM0333 OXOID	500G	AS AND WHEN REQUIRED	
343	T.O.S PROPIONATE AGAR MEDIUM	101367516	500G	AS AND WHEN REQUIRED	
344	TEMPO CONTROL KIT, BIOMERIEUX	#80000	PC	AS AND WHEN REQUIRED	
345	TEMPO AEROBIC COUNT	#411113	KT48T	AS AND WHEN REQUIRED	
346	TEMPO BAGS	#80015	PKT500	AS AND WHEN REQUIRED	
347	TEMPO BC BACILLUS CEREUS (BC) 24H	#80106	KT48T	AS AND WHEN REQUIRED	
348	TEMPO CAMPYLOBACTER (CAM)	#421509	KT48T	AS AND WHEN REQUIRED	
349	TEMPO ENTEROBACTERIACEAE	#80003	KT48T	AS AND WHEN REQUIRED	
350	TEMPO ESCHERISHIA COLI (EC) 24H	#80004	KT48T	AS AND WHEN REQUIRED	
351	TEMPO STAPHYLOCOCCUS (COAG+) (STA) 24H	#80002	KT48T	AS AND WHEN REQUIRED	
352	TEMPO TOTAL COLIFORMS (TC) 24H	#80006	KT48T	AS AND WHEN REQUIRED	
353	TEMPO YEAST & MOLD (YM) 72H #80001	#80001	KT48T	AS AND WHEN REQUIRED	
354	TETRATHIONATE BROTH BASE	(OXOID, CONDALAB, SIGMA)	500G	AS AND WHEN REQUIRED	
355	THIOGLYCOLATE MEDIUM	CM0173 OXOID	500G	AS AND WHEN REQUIRED	
356	THIOGLYCOLATE MEDIUM (BREWER)	(OXOID, CONDALAB, SIGMA)	500G	AS AND WHEN REQUIRED	
357	THIOGLYCOLATE MEDIUM(BREWER)	CM0023	500G	AS AND WHEN REQUIRED	
358	TICARCILLIN SUPPLEMENT	17778 MILLIPORE	10 VIALS	AS AND WHEN REQUIRED	
359	TOS PROPIONATE AGAR MEDIUM	43314 MILLIPORE	500G	AS AND WHEN REQUIRED	
360	TRIPLE SUGAR IRON	CM0277	500G	AS AND WHEN REQUIRED	
361	TRYPTONE	CM0042	500G	AS AND WHEN REQUIRED	
362	TRYPTONE BILE AGAR	CM0595	500G	AS AND WHEN REQUIRED	
363	TRYPTONE BILE X-GLUCURONIDE (TBX) MEDIUM (DEHYDRATED)	CM0945 OXOID	500	AS AND WHEN REQUIRED	
364	TRYPTONE BILE X-GLUCURONIDE MEDIUM (TBX)	CM0945	500G	AS AND WHEN REQUIRED	
365	TRYPTONE GLUCOSE EXTRACT AGAR	CM0127	500G	AS AND WHEN REQUIRED	
366	TRYPTONE SOYA YEAST EXTRACT AGAR	M014	500G	AS AND WHEN REQUIRED	
367	TRYPTONE SOYA YEAST EXTRACT AGAR	(OXOID, CONDALAB, SIGMA)	500G	AS AND WHEN REQUIRED	
368	TRYPTONE WATER	CM0087	500G	AS AND WHEN REQUIRED	
369	TRYPTOSE SULPHITE AGAR/TRYPTOSE SULFITE CYCLOSERINE AGAR	93745 MILLIPORE	500G	AS AND WHEN REQUIRED	
370	TRYPTOSE-SULFITE CYCLOSERINE AGAR	111972	500G	AS AND WHEN REQUIRED	
371	TWEEN 20	AR	500ML	AS AND WHEN REQUIRED	
372	TWEEN 80	AR	500ML	AS AND WHEN REQUIRED	
373	UREA AGAR BASE	OXOID	500G	AS AND WHEN REQUIRED	
374	UREA AGAR BASE (CHRISTENSEN)	108492	500G	AS AND WHEN REQUIRED	
375	UREA AGAR BASE CM0053B OXOID	OXOID	500G	AS AND WHEN REQUIRED	
376	VANCOMYCIN SUPPLEMENT	OXOID	PACK10	AS AND WHEN REQUIRED	
377	VARISPENSER 2 SINGLE, CHANNEL BOTTLE TOP		PCC	AS AND WHEN REQUIRED	
378	VIARIABLE VOLUME PIPETTES 50 - 1000UL		PCS	AS AND WHEN REQUIRED	
379	VIOLET RED BILE GLUCOSE AGAR	OXOID/MERCK/CONDA	500G	AS AND WHEN REQUIRED	

380	VIOLET RED BILE GLUCOSE AGAR (ISO) CM1082B OXOID	OXOID/MERCK/CONDA	500G	AS AND WHEN REQUIRED	
381	VIOLET RED BILE GLUCOSE AGAR CM0485	CM0485	500G	AS AND WHEN REQUIRED	
382	VIOLET RED BILE LACTOSE AGAR CM0107	CM0107	500G	AS AND WHEN REQUIRED	
383	X.L.D. MEDIUM CM0469	CM0469	500G	AS AND WHEN REQUIRED	
384	XYLOSE AR	AR	100 G	AS AND WHEN REQUIRED	
385	YEAST EXTRACT	LP0021 OXOID	500G	AS AND WHEN REQUIRED	
386	YERSINIA SELECTIVE AGAR BASE (CIN AGAR)	116434	500G	AS AND WHEN REQUIRED	
387	YERSINIA SELECTIVE SUPPLEMENT	116466	10 VIALS	AS AND WHEN REQUIRED	
388	MEMBRANE FILTER DISPENSER (MILLIPORE)	EZCURVE01	PCS	AS AND WHEN REQUIRED	

4. REFERENCE CULTURES.

NO	SPECIES	STRAIN ATCC/NTCC NUMBER	ESTIMATE TOTAL QUANTITY REQUIRED	UNIT OF MEASURE	UNIT PRICE	REMARKS
1	ACETOBACTER ACETI	15973	AS AND WHEN REQUIRED	PACK/10PELLETS		
2	ALICYCLOBACILLUS ACIDOTERESTRIS	49025	AS AND WHEN REQUIRED	PACK/10PELLETS		
3	ASPERGILLUS BRASILIENSIS (CRM)	16404	AS AND WHEN REQUIRED	PACK/10PELLETS		
4	AZOSPIRILLUM BRASILENSE	29145	AS AND WHEN REQUIRED	PACK/10PELLETS		
5	AZOTOBACTER CHROOCOCUM BEIJERINCK	9043	AS AND WHEN REQUIRED	PACK/10PELLETS		
6	BACILLUS CEREUS (CRM)	10876	AS AND WHEN REQUIRED	PACK/10PELLETS		
7	BACILLUS MEGATERIUM	14581	AS AND WHEN REQUIRED	PACK/10PELLETS		
8	BIFIDOBACTERIUM BIFIDUM	11863	AS AND WHEN REQUIRED	PACK/10PELLETS		
9	CAMPYLOBACTER JEJUNI	11322	AS AND WHEN REQUIRED	PACK/10PELLETS		
10	CANDIDA ALBICANS (CRM)	10231	AS AND WHEN REQUIRED	PACK/10PELLETS		
11	CLOSTRIDIUM PERFRINGENS	13124	AS AND WHEN REQUIRED	PACK/10PELLETS		
12	CRONOBACTER MUJTJENSII	51329	AS AND WHEN REQUIRED	PACK/10PELLETS		
13	CRYPTOSPORIDIUM PARASITE SUSPENSION	FP02	AS AND WHEN REQUIRED	PACK/10PELLETS		
14	ENTEROBACTER AEROGENES	13048	AS AND WHEN REQUIRED	PACK/10PELLETS		
15	ENTEROCOCCUS FAECALIS(CRM)	29212	AS AND WHEN REQUIRED	PACK/10PELLETS		
16	ESCHERICHIA COLI	25922	AS AND WHEN REQUIRED	PACK/10PELLETS		
17	ESCHERICHIA COLI 0157:H7	43888	AS AND WHEN REQUIRED	PACK/10PELLETS		
18	GIARDIA LAMBLIA PARASITE SUSPENSION	FP01	AS AND WHEN REQUIRED	PACK/10PELLETS		
19	HELICOBACTER PYLORI	26695	AS AND WHEN REQUIRED	PACK/10PELLETS		
20	KLEBSIELLA PNEUMONIAE (CRM)	10031	AS AND WHEN REQUIRED	PACK/10PELLETS		
21	LACTOBACILLUS ACIDOPHILUS	4356	AS AND WHEN REQUIRED	PACK/10PELLETS		
22	LACTOBACILLUS DELBRUECKII SUBSP. BULGARICUS	11842	AS AND WHEN REQUIRED	PACK/10PELLETS		

23	LACTOBACILLUS FERMENTUM(CRM)	9338	AS AND WHEN REQUIRED	PACK/10PELLETS		
24	LEGIONELLA PNEUMOPHILA	33152	AS AND WHEN REQUIRED	PACK/10PELLETS		
25	LEUCONOSTOC MESENTEROIDES	10830	AS AND WHEN REQUIRED	PACK/10PELLETS		
26	LISTERIA INNOCUA(CRM)	33090	AS AND WHEN REQUIRED	PACK/10PELLETS		
27	LISTERIA MONOCYTOGENES(CRM)	13932	AS AND WHEN REQUIRED	PACK/10PELLETS		
28	PSEUDOMONAS AERUGINOSA	27853	AS AND WHEN REQUIRED	PACK/10PELLETS		
28	RHIZOBIUM LEGUMINOSARUM	10004	AS AND WHEN REQUIRED	PACK/10PELLETS		
29	RHIZOBIUM RHIZOGENES	43057	AS AND WHEN REQUIRED	PACK/10PELLETS		
30	RHODOSPIRILLUM RUBRUM	11170	AS AND WHEN REQUIRED	PACK/10PELLETS		
31	RODOCOCCUS EQUI	6939	AS AND WHEN REQUIRED	PACK/10PELLETS		
32	SACCHAROMYCES CEREVISIAE(CRM)	2601	AS AND WHEN REQUIRED	PACK/10PELLETS		
33	SALMONELLA TYPHIMURIUM(CRM)	13311	AS AND WHEN REQUIRED	PACK/10PELLETS		
34	SHIGELLA SONNEI	9290	AS AND WHEN REQUIRED	PACK/10PELLETS		
35	STAPHYLOCOCCUS AUREUS(CRM)	25923	AS AND WHEN REQUIRED	PACK/10PELLETS		
36	STAPHYLOCOCCUS EPIDERMIDIS	12228	AS AND WHEN REQUIRED	PACK/10PELLETS		
37	STREPTOCOCCUS THERMOPHILUS	19258	AS AND WHEN REQUIRED	PACK/10PELLETS		
38	VIBRIO FLUVIALIS	33809	AS AND WHEN REQUIRED	PACK/10PELLETS		
39	VIBRIO.PARAHAEMOLYTICUS	17802	AS AND WHEN REQUIRED	PACK/10PELLETS		
40	YERSINIA ENTEROLITICA	27729	AS AND WHEN REQUIRED	PACK/10PELLETS		
41	CRYOISANT: POROUS BEADS FOR PRESERVATION OF MICROBIAL CULTURES	TEMPERATUE RANGE UPTO - (MINUS) 190° C, LONG SKIRT CAP WITH SILICON GASKET, CRYOVIALS OF DIFFERENT COLOURS, CRYOVIALS PACKED IN RACK OF 100UNITS. EACH BOX IS SUPPLIED LABELLED WITH INDICATION OF CODE, BATCH, EXPIRATION, CAP COLOUR AND SHRINK WRAP.	AS AND WHEN REQUIRED	BOX OF 100UNITS OF DIFFERENT COLOURS		
42	LYOPHILIZATION FREEZE - DRYING 20MM RUBBER STOPPER	3- SPLIT/LEGS FOR FREEZE DRYING VIALS. PACKAGED IN CASE OF 400 COMPATIBLE WITH OPS	AS AND WHEN REQUIRED	PACK OF 400PCS		

		DIAGNOSTICS 10ML VIAL				
43	20MM ALUMINIUM FULL TEAR-OFF NATURAL SEAL.	FOR FREEZE DRYING VIALS, CASE OF 400 PCS. COMPATIBLE WITH OPS DIAGNOSTIC 10ML SERUM VIALS	AS AND WHEN REQUIRED	PACK OF 400PCS		
45	125ML WIDE-NECK TRANSLUCENT, RIGID POLYPROPYLENE BOTTLES	CAPABLE OF WITHSTANDING STEAM STERILIZATION/AUTOCLAVABLE CONDITIONS	AS AND WHEN REQUIRED	PCS		
46	MICROBIAL FREEZE DRYING BUFFER, FILTER STERILIZED	OPS DIAGNOSTICS (MFDB 500-06)	AS AND WHEN REQUIRED	500ML		
47	SUCROSE, 500 GM, LYOPHILIZATION CERTIFIED	OPS DIAGNOSTICS (EXSU 500-03)	AS AND WHEN REQUIRED	500G		
48	LYOPHILIZATION REAGENT (2X), FILTER STERILIZED	OPS DIAGNOSTICS (LR2X 500-02)	AS AND WHEN REQUIRED	500ML		
49	MANNITOL, 500G, USP GRADE, LYOPHILIZATION CERTIFIED	OPS DIAGNOSTICS (EXMN 500-01)	AS AND WHEN REQUIRED	500G		
50	FREEZE DRYIN INDICATOR, FILTER STERILIZED	OPS DIAGNOSTICS LRFI 500-04	AS AND WHEN REQUIRED	500ML		
51	10ML CLEAR VIALS FOR LYOPHILIZATION (LBVC 10-400-11)	OPS DIAGNOSTICS (LBVC 10-400-11)	AS AND WHEN REQUIRED	PACK OF 400		
52	20MM ALLUMINIUM SEALS FOR 10ML GLASS VIALS	OPS DIAGNOSTICS (TNAS 20-400-16)	AS AND WHEN REQUIRED	PACK OF 400		
NO.	ITEM NAME/DESCRIPTION	SPECIFICATION	UNIT OF ISSUE		ESTIMATE TOTAL QUANTITY REQUIRED	REMARKS
1	ZINC BASE CRM MATERIAL	CRM	PCS		AS AND WHEN REQUIRED	
2	FOR SPARK OES	CRM	PCS		AS AND WHEN REQUIRED	
3	PAINT CRM	CRM			AS AND WHEN REQUIRED	
4	DENSITY CRM, DIESEL 250ML	CRM	BOTTLES		AS AND WHEN REQUIRED	
5	DISTILLATION CRM, DIESEL 500ML	CRM	BOTTLES		AS AND WHEN REQUIRED	
6	KINEMATIC VISCOSITY CRM, 250ML	CRM	BOTTLES		AS AND WHEN REQUIRED	
7	CRM- PESTICIDE RESIDUES IN TEA 1 AMPOULE	CRM			AS AND WHEN REQUIRED	
8	PORTLAND CEMENT CRM (NIST SRM 18806)	CRM			AS AND WHEN REQUIRED	
9	BASE OIL CRM	CRM	500ML		AS AND WHEN REQUIRED	

5. Molecular Items

NO	ITEM DESCRIPTION	SPECIFICATIONS	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY REQUIRED	UNIT PRICE	REMARKS
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1	RNASE A	12091-021	VIAL (10ML)	AS AND WHEN REQUIRED		
2	DNASE, RNASE FREE	EN0521	1 U/μL	AS AND WHEN REQUIRED		
3	NUCLEASE FREE WATER	ULTRA-PURE WATER FOR MOLECULAR BIOLOGY	1L	AS AND WHEN REQUIRED		
4	PROMEGA WIZARD MAGNETIC DNA EXTRACTION KIT FOR FOOD	FF3750	BOX (400 PREPS)	AS AND WHEN REQUIRED		
5	OLIGONUCLITIDE SEQUENCES			AS AND WHEN REQUIRED		
6	ZYMO GENOMIC SOIL, FUNGI AND BACTERIA DNA KIT	D6005	BOX (50 PREPS)	AS AND WHEN REQUIRED		
7	DNA METHYLATION START-UP KIT EPIJET	K1441	BOX (200 REACTIONS)	AS AND WHEN REQUIRED		
8	E.Z.N.A.® CYCLE PURE KIT: DNA CLEAN UP KIT	D6492-01	BOX (200 REACTIONS)	AS AND WHEN REQUIRED		
9	ZYMO DNA DEGRADASE PLUS	E2021	1000 U	AS AND WHEN REQUIRED		
10	TAQ POLYMERASE	A111103	VIAL(1ML)	AS AND WHEN REQUIRED		
11	PCR MGCL 25MM	R0971	BOX (4 X 1.25 ML)	AS AND WHEN REQUIRED		
12	CORAL RED PCR MASTER MIX:REDTAQ® READYMIX™	R2523-100RXN	BOX (100REACTIONS)	AS AND WHEN REQUIRED		
13	NEB® PCR CLONING KIT NEB	E1202S	BOX (20REACTIONS)	AS AND WHEN REQUIRED		
14	TA CLONING KITS	K202040	BOX (40REACTIONS)	AS AND WHEN REQUIRED		
15	READY PREP PROTEIN EXTRACTION KIT	1632086	BOX (20PREPS)	AS AND WHEN REQUIRED		
16	NEB RESTRICTION ENZYMES HINDIII, ECOR1, ECOR5, NCO1, BAMHI,BGL2, SAC1,SAC11,XBALI, PMLI,XMN I,	FORWARD AND REVERSE	VIALS	AS AND WHEN REQUIRED		
17	PROTEIN MOLECULAR LADDER 10-250 KD	1610374	VIAL (50 APPLICATIONS)	AS AND WHEN REQUIRED		
18	PEG 6000	25322-68-3	250G	AS AND WHEN REQUIRED		
19	PEG 8000	V3011	500G	AS AND WHEN REQUIRED		
20	MANNITOL	63559-250G	250G	AS AND WHEN REQUIRED		
21	ONETAQ® RT-PCR KIT	E5310S	BOX OF (30REACTIONS)	AS AND WHEN REQUIRED		
22	TRANSCRIPTOR ONE-STEP RT-PCR KIT	4655877001	BOX (50REACTIONS)	AS AND WHEN REQUIRED		
23	SODIUM ACETATE	AR	1000ML	AS AND WHEN REQUIRED		
24	PHENOL	AR	1000ML	AS AND WHEN REQUIRED		
25	B-MERCAPTOETHANOL	AR	1000ML	AS AND WHEN REQUIRED		
26	CHLOROFORM	AR	1000ML	AS AND WHEN REQUIRED		
27	AMMONIUM ACETATE	10359	125ML	AS AND WHEN REQUIRED		
28	BROMOPHENOL BLUE		VIAL(1ML)	AS AND WHEN REQUIRED		
29	MILLI-Q WATER	ULTRA PURE WATER FOR MOLECULAR BIOLOGY	500ML	AS AND WHEN REQUIRED		
30	PCR 8-STRIPE TUBES AND 8-STRIPE CAPS	STERILE	PCS	AS AND WHEN REQUIRED		
31	PIPETTE HOLDER	EPPENDORF	PCS	AS AND WHEN REQUIRED		
32	FLAT BOTTOM CONICAL FLASKS AND STOPPERS 500ML	PYREX CLASS A	PCS	AS AND WHEN REQUIRED		

33	FLAT BOTTOM CONICAL FLASKS AND STOPPERS 1000ML	PYREX CLASS A	PCS	AS AND WHEN REQUIRED	
34	LURIA BROTH		500G	AS AND WHEN REQUIRED	
35	PCR MASTER MIX	K0171	PACK/4 VIALS	AS AND WHEN REQUIRED	
36	SYBER GREEN FOR RT-PCR	QIAGEN	VIAL (1ML)	AS AND WHEN REQUIRED	
37	TAQMAN REALTIME-PCR KIT	QIAGEN	VIAL (1ML)	AS AND WHEN REQUIRED	
38	PLASMID DNA EXTRACTION KIT - QIAGEN	QIAGEN DNEASY KIT	BOX (250 REACTIONS)	AS AND WHEN REQUIRED	
39	RNA EXTRACTION KIT - QIAGEN	QIAGEN DNEASY KIT	BOX (250 REACTIONS)	AS AND WHEN REQUIRED	
40	GENOMIC DNA EXTRACTION KIT – QIAGEN	QIAGEN KIT	BOX (250 REACTIONS)	AS AND WHEN REQUIRED	
41	FOOD DNA EXTRACTION KIT	CAT 54500	BOX (50 REACTIONS)	AS AND WHEN REQUIRED	
42	MOLECULAR WEIGHT MARKERS (100BP-1KB)	5401200	VIAL	AS AND WHEN REQUIRED	
43	MOLECULAR WEIGHT MARKERS (100BP-3KB)	5401300	VIAL	AS AND WHEN REQUIRED	
44	PCR FRAGMENT PURIFICATION KIT – QIAGEN	QIAGEN KIT	BOX	AS AND WHEN REQUIRED	
45	PUREIT EXOZAP PCR CLEANUP	7200100	VIAL(1ML)	AS AND WHEN REQUIRED	
46	TNOS PRIMERS(FORWARD AND REVERSE)	HPLC PURIFIED	VIAL(1ML)	AS AND WHEN REQUIRED	
47	P35S PRIMERS (FORWARD AND REVERSE)	HPLC PURIFIED	VIAL(1ML)	AS AND WHEN REQUIRED	
48	DNTPS SOLUTION MIX	6100850	VIAL(0.2MLS)	AS AND WHEN REQUIRED	
49	PCR BUFFER (10X STANDARD BUFFER)	5100510	VIAL (10*1.5ML)	AS AND WHEN REQUIRED	
50	MULTIPLEX TEMPASE 2X MASTER MIX	A260303	VIAL (500 REACTIONS)	AS AND WHEN REQUIRED	
51	Q-SOLUTION/ DMSO		VIAL(1ML)	AS AND WHEN REQUIRED	
52	AGAROSE GEL POWDER	AR	100G	AS AND WHEN REQUIRED	
53	LITHIUM CHLORIDE	AR	500G	AS AND WHEN REQUIRED	
54	TRIS-HCL	AR	500G	AS AND WHEN REQUIRED	
55	TRIS- BASE	AR	500G	AS AND WHEN REQUIRED	
56	CTAB BUFFER	CEB500-02	500ML	AS AND WHEN REQUIRED	
57	BORIC ACID	AR	1KG	AS AND WHEN REQUIRED	
58	GELRED NUCLEIC ACID STAIN	SCT123	VIAL(0.5ML)	AS AND WHEN REQUIRED	
59	EPPENDORF TUBES 1.5ML	COLOURLESS	BOX(1000PCS)	AS AND WHEN REQUIRED	
60	EPPENDORF TUBES 2ML	COLOURLESS	BOX(1000PCS)	AS AND WHEN REQUIRED	
61	PCR PLATES (ABI)	N8010560	PACK/10PCS	AS AND WHEN REQUIRED	
62	LOADING DYES	5400200	VIAL(1ML)	AS AND WHEN REQUIRED	
63	EDTA	AR	100G	AS AND WHEN REQUIRED	
64	PROTEINASE K	EO0491	VIAL(1ML)	AS AND WHEN REQUIRED	
65	ETHANOL	BIOLULTRA GRADE, >99.8%	2.5L	AS AND WHEN REQUIRED	
66	ISOAMYL ALCOHOL	AR	2.5L	AS AND WHEN REQUIRED	
67	PHADEBAS TABLETS	AR	100 TABLETS PER BOTTLE	AS AND WHEN REQUIRED	
68	SOLVENT DISPENSERS	ORGANIC SOLVENT RESISTANT- 5ML	PC	AS AND WHEN REQUIRED	
69		ORGANIC SOLVENT RESISTANT- 10ML	PC	AS AND WHEN REQUIRED	
70		ORGANIC SOLVENT RESISTANT- 50ML	PC	AS AND WHEN REQUIRED	

71		ORGANIC SOLVENT RESISTANT-100ML	PC	AS AND WHEN REQUIRED		
72		ORGANIC SOLVENT RESISTANT- 10ML	PC	AS AND WHEN REQUIRED		
73	PH & CONDUCTIVITY METER PROBES	PH & CONDUCTIVITY METER PROBES	PC	AS AND WHEN REQUIRED		
74	DNA EXTRACTION KIT (FOR BK-HS96 AUTOMATED MACHINE)-PLANT DNA	CH-11-2, 96T/KIT	PC	AS AND WHEN REQUIRED		
75	DNA EXTRACTION KIT (FOR BK-HS96 AUTOMATED MACHINE)-BACTERIAL DNA	CH-10-2, 96T/KIT	PC	AS AND WHEN REQUIRED		
76	SURETECT CAMPYLOBACTER JEJUNI,C.COLI,C.LARI PCR ASSAY KIT	96 TESTS/KIT, THERMO A56835	PC	AS AND WHEN REQUIRED		
77	TAQMAN® GMO SCREENING KIT	4X48 RXNS, THERMO 4466334	PC	AS AND WHEN REQUIRED		
78	TAQMAN™ GMO MAIZE 35S DETECTION KIT	100 RXNS, THERMO 4327693	PC	AS AND WHEN REQUIRED		
79	TAQMAN® RR SOYA QUANTIFICATION KIT	2X48 RXNS, THERMO 4466335	PC	AS AND WHEN REQUIRED		
80	SURETECT™ VIBRIO CHOLERAEE,V.PARAHAEMOLYTICUS AND V. VULNIFICUS PCR ASSAY	96 TESTS, THERMO A56837	PC	AS AND WHEN REQUIRED		
81	SURETECT CRONOBACTER SPECIES PCR ASSAY KIT	96 TESTS, THERMO A56845	PC	AS AND WHEN REQUIRED		
82	TAQMAN® GMO EXTRACTION KIT	50 PREPS, THERMO 4466336	PC	AS AND WHEN REQUIRED		
83	RAPIDFINDER EQUINE ID KIT	48 TESTS, THERMO A15570	PC	AS AND WHEN REQUIRED		
84	RAPIDFINDER BEEF ID KIT	48 TESTS, THERMO A24391	PC	AS AND WHEN REQUIRED		
85	RAPIDFINDER HALAL ID KIT	48 TESTS, THERMO A47086	PC	AS AND WHEN REQUIRED		
86	0.2ML OPTICAL 96-WELL REACTION PLATE COMPATIBLE WITH QUANT 5 STUDIO	N8010560	PACK/10PCS	AS AND WHEN REQUIRED		
	GDR PCR TEST SYSTEM			AS AND WHEN REQUIRED		
87	RESUSPENSION PLATE 120 PLATES	73006BC	PACK/120 PLATES	AS AND WHEN REQUIRED		
88	PICKPEN 96TIPS+RACK	73087BC	PACK/96 TIPS	AS AND WHEN REQUIRED		
89	GDS, ADHESIVE FILM STRIPS CONTAINS:	73026BC	50 SHEETS OF 4 STRIPS	AS AND WHEN REQUIRED		
90	GDS SAMPLE WELL BASE (GDS, SAMPLE WELL BASE, PLASTIC RECTANGULAR RACK MOLDED FROM POLYPROPYLENE, WHICH HOLDS SIX REMOVABLE STRIPS (EACH OF EIGHT WELLS) FOR USE WITH GDS KITS, CONTAINS: 10 BASES STORAGE: ROOM TEMP)	73043BC	PCS	AS AND WHEN REQUIRED		
	GDS SAMPLE WELLS (GDS, SAMPLE WELLS FOR USE WITH GDS KITS,CONTAINS: 8 WELLS/STRIP, 200 QTY)	73044BC	PCS	AS AND WHEN REQUIRED		

91	GDS PICKPEN II TIPS (GDS, DISPOSABLE PICKPEN II TIPS, BULK BAGCONTAINS: 500 TIPS)	73085BC	PACK/500 TIPS	AS AND WHEN REQUIRED		
92	GDS, GENETIC DETECTION SYSTEM KIT, FOR E. COLI O157:H7 TQ IN FOODS, INGREDIENTS, AND ENVIRONMENTAL SAMPLES	71007-100	100 TESTS	AS AND WHEN REQUIRED		
93	GDS SHIGA TOXIN GENES KIT (O157) TQ, FOR THE DETECTION OF SHIGA TOXIN PRODUCING E COLI O157:H7 IN FOODS, INGREDIENTS AND ENVIRONMENTAL SAMPLES	71005-100	100 TESTS	AS AND WHEN REQUIRED		
94	GDS MPX TOP 7 STEC KIT, FOR THE DETECTION OF E. COLI O157:H7 AND THE "TOP SIX" NON-O157 SHIGA TOXIGENIC E. COLI (STEC).	71015-100	100 TESTS	AS AND WHEN REQUIRED		
95	GDS SALMONELLA TQ KIT, FOR THE DETECTION OF SALMONELLA IN FOOD AND ENVIRONMENTAL SAMPLES	71008-100	100 TESTS	AS AND WHEN REQUIRED		
96	GDS EHEC ID FOR E. COLI O157:H7 KIT; SUITABLE FOR PCR TESTING IN FOOD AND BEVERAGES APPLICATIONS	71037BC	52 TESTS	AS AND WHEN REQUIRED		
97	GDS LISTERIA SPP. TQ KIT, SUITABLE FOR PCR TESTING IN FOOD AND BEVERAGES APPLICATIONS	71009-100	100 TESTS	AS AND WHEN REQUIRED		
98	GDS LISTERIA MONOCYTOGENES TQ KIT, SUITABLE FOR PCR TESTING IN FOOD AND BEVERAGES APPLICATIONS	71010-100	100 TESTS	AS AND WHEN REQUIRED		
99	GDS SALMONELLA HET TQ KIT, SUITABLE FOR PCR TESTING IN FOOD AND BEVERAGES APPLICATIONS.	71022-100	100 TESTS	AS AND WHEN REQUIRED		
100	GDS CRONOBACTER TQ II KIT, SUITABLE FOR PCR TESTING IN FOOD AND BEVERAGES APPLICATIONS.	71038BC	100 TESTS	AS AND WHEN REQUIRED		
101	GDS MPX ID FOR TOP STEC, MOLECULAR BASED SECONDARY SCREENING PCR TEST FOR THE DETECTION AND IDENTIFICATION OF "TOP SIX" NON-O157 SHIGA TOXIGENIC E. COLI (STEC) IN FOOD AND ENVIRONMENTAL SAMPLES.	71019BC	52 TESTS	AS AND WHEN REQUIRED		
102	ASSURANCE® GDS POLY IMS - TOP STEC CONTAINS A MIXTURE OF ANTIBODY-COATED PARAMAGNETIC PARTICLES TARGETED AGAINST THE TOP 7 SEROGROUPS OF SHIGA TOXIGENIC E. COLI (STEC).	61030BC	1 BOTTLE OF 2.4ML	AS AND WHEN REQUIRED		

6. GASES

NO.	ITEM DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY REQUIRED	UNIT PRICE	REMARKS
1	ARGON ULTRA PURE	UHP OR >99.999%	CYLINDER 150BARS	AS AND WHEN REQUIRED		
2	HELIUM ULTRA PURE	UHP OR >99.999%	CYLINDER 150BARS	AS AND WHEN REQUIRED		
3	NITROGEN ULTRA PURE	UHP OR >99.999%	CYLINDER 150BARS	AS AND WHEN REQUIRED		
4	HYDROGEN	UHP OR >99.999%	CYLINDER 150BARS	AS AND WHEN REQUIRED		
5	MEDICAL AIR	UHP OR >99.999%	CYLINDER 150BARS	AS AND WHEN REQUIRED		
6	LPG	GENERAL GRADE	BULK	AS AND WHEN REQUIRED		
7	LPG CYLINDER	GENERAL GRADE	13KG	AS AND WHEN REQUIRED		
8	METHANE	UHP OR >99.999%	CYLINDER	AS AND WHEN REQUIRED		
9	GAS MIXTURE	AR, TRACEABILITY TO SI MANDATORY (CH4 1.45%, CO 60PPM, O2 15%, H2S 20PPM, N2 BALANCE NOX)	CYLINDER	AS AND WHEN REQUIRED		
10	ETHANOL STANDARD SOLUTION	AR, TRACEABILITY TO SI MANDATORY (80MG/100ML)	CYLINDER	AS AND WHEN REQUIRED		
11	ETHANOL STANDARD SOLUTION	AR, TRACEABILITY TO SI MANDATORY (20MG/100ML)	CYLINDER	AS AND WHEN REQUIRED		
12	NITROGEN	99.9% PURITY	CYLINDER 150BARS	AS AND WHEN REQUIRED		
13	LPG STANDARDS	TRACEABLE TO SI	CANISTER	AS AND WHEN REQUIRED		
14	ACETYLENE GAS	UHP OR >99.999%	CYLINDER	AS AND WHEN REQUIRED		
15	LIQUID NITROGEN	UHP OR >99.999%	CYLINDER 10L	AS AND WHEN REQUIRED		
				AS AND WHEN REQUIRED		

7. ELECTRICAL ITEMS

ITEM NO.	ITEM DESCRIPTION	SPECIFICATION	ESTIMATE TOTAL QUANTITY REQUIRED	UNIT PRICE	REMARKS
1	HEAT RESISTANCE TAPE	ROLL	AS AND WHEN REQUIRED		
2	PVC INSULATION TAPE	ROLL	AS AND WHEN REQUIRED		
3	SOLDER WIRE (1MM THICKNESS)	ROLL	AS AND WHEN REQUIRED		
4	PETROLEUM SPIRIT (HEXANE-0.68KG/LT)	LITRES	AS AND WHEN REQUIRED		
5	THERMOCOUPLE WIRE, TYPE K - 0.5MM	METERS	AS AND WHEN REQUIRED		
6	DRY PRIMARY CELLS - LR6, 1.5V (SIZE AA)	PIECES	AS AND WHEN REQUIRED		
7	DRY PRIMARY CELLS - 6LR61, 9V	PIECES	AS AND WHEN REQUIRED		
8	DRY PRIMARY CELLS 1.5V SIZE AAA	PIECES	AS AND WHEN REQUIRED		
9	9V ALKALINE BATTERY	PIECES	AS AND WHEN REQUIRED		
10	THERMOHYGROMETER LOGGERS	1. SMART 2. MINUS 50 TO POSITIVE 70 DEG CELCIOUS 3. 5 TO 90% RH	AS AND WHEN REQUIRED		
11	OVEN AND FURNACE TEMPERATURE LOGGERS	1. SMART 2. 70 TO 1200 DEG CELCIOUS	AS AND WHEN REQUIRED		
12	LITHIUM BATTERIES FOR DATA/TEMPERATURE LOGGERS	1. ATLEAST 3V 2. EXTREME TEMPERATURE TOLERANT 3. 2 TO 3 CM DIAMETERS	AS AND WHEN REQUIRED		

8. MECHANICAL, CIVIL AND NON-DESTRUCTIVE(NDT) LABORATORIES

ITEM NO.	ITEM DESCRIPTION	SPECIFICATION	ESTIMATE TOTAL QUANTITY REQUIRED	UNIT PRICE	REMARKS
1	AGFA D4 NIF INDUSTRIAL X-RAY FILM - 100 * 200MM	PACKETS	AS AND WHEN REQUIRED		

2	AGFA D4 NIF INDUSTRIAL X-RAY FILM - 100 * 400MM	PACKETS	AS AND WHEN REQUIRED		
3	AGFA D5 NIF INDUSTRIAL X-RAY FILM - 100 * 200MM	PACKETS	AS AND WHEN REQUIRED		
4	AGFA D5 NIF INDUSTRIAL X-RAY FILM - 100 * 400MM	PACKETS	AS AND WHEN REQUIRED		
5	AGFA STRUCTURIX CERTIFIED DENSTEP	PCS	AS AND WHEN REQUIRED		
6	MANUAL INDUSTRIAL X-RAY FILM PROCESSING CHEMICALS – DEVELOPER	KGS	AS AND WHEN REQUIRED		
7	MANUAL INDUSTRIAL X-RAY FILM PROCESSING CHEMICALS – FIXER	KGS	AS AND WHEN REQUIRED		
8	AUTOMATIC INDUSTRIAL X-RAY FILM PROCESSING CHEMICALS - DEVELOPER	LITRES	AS AND WHEN REQUIRED		
9	AUTOMATIC INDUSTRIAL X-RAY FILM PROCESSING CHEMICALS - FIXER	LITRES	AS AND WHEN REQUIRED		
10	ABRASIVE GRIT PAPER FOR POLISHING (GRITS OF DIFFERENT SIZES)	PCS	AS AND WHEN REQUIRED		
11	GRIT PAPER/POLISHING CLOTHS (GRITS OF DIFFERENT SIZES)	ROLLS (50M)	AS AND WHEN REQUIRED		
12	ETCHING CHEMICALS FOR MACRO EXAMINATION – NITRIC ACID	LITRES	AS AND WHEN REQUIRED		
13	ETCHING CHEMICALS FOR MACRO EXAMINATION – ETHANOL 100% AR	LITRES	AS AND WHEN REQUIRED		
14	VISIBLE DYE PENETRANT KITS - 4 CLEANER, 3 RED DYE, 3 DEVELOPER & LINT FREE CLOTH	SET	AS AND WHEN REQUIRED		
15	WATER WASHABLE FLUORESCENT PENETRANT, PENETRANT TYPE I ACC. ASTM E1417,PENETRANT TYPE I, METHOD A, SENSITIVITY LEVEL 2.	CANS	AS AND WHEN REQUIRED		
	DEVELOPER FOR PENETRANT TESTING ACC. TO EN ISO 3452:2 TYPE I, II & III, CARRIER MEDIUM: WATER	PENS	AS AND WHEN REQUIRED		
16	SOLVENT-BASED DEVELOPER FOR PENETRANT TESTING; EN ISO 3452:5	PENS	AS AND WHEN REQUIRED		
17	WATER AND SOLVENT REMOVABLE, PENETRANT RED AND FLUORESCENT, PENETRANT TYPE II OR TYPE III, SENSITIVITY LEVEL 2 ACC. EN ISO 3452: (PEN)	PENS	AS AND WHEN REQUIRED		
18	PRE-CLEANER AND PENETRANT REMOVER	PENS	AS AND WHEN REQUIRED		
19	REMOVER FOR PENETRANT TESTING ACCORDING TO EN ISO 3452-1, EN ISO 3452-6 AND ASTM E1417	PENS	AS AND WHEN REQUIRED		
20	LINT FREE CLOTHS	ROLL OF 500 SHEETS	AS AND WHEN REQUIRED		
21	6KG CYLINDER GENERAL GRADE	PCS	AS AND WHEN REQUIRED		
22	MAGNAFLUX AGNAGLO 14HF FLUORESCENT MAGNETIC INK	LITRES	AS AND WHEN REQUIRED		
23	MAGNAFLUX CARRIER II - OIL BASED CARRIER FOR MPI	LITRES	AS AND WHEN REQUIRED		
24	MAGNAFLUX MAGNAGLO 14A - WET METHOD FLUORESCENT PARTICLES	KGS	AS AND WHEN REQUIRED		
25	MAGNAFLUX DRY POWDER FLUORESCENT PARTICLES	KGS	AS AND WHEN REQUIRED		
26	MAGNETIC POWDER READY TO USE SUSPENSION (ASME)	CANS	AS AND WHEN REQUIRED		
27	COUPLANT GEL FOR ULTRASONIC TESTING	LITRES	AS AND WHEN REQUIRED		
28	ULTRASONIC TESTING COUPLING POWDER	PACKETS	AS AND WHEN REQUIRED		
29	UV TORCH BATTERIES (RECHARGEBLE)	SETS	AS AND WHEN REQUIRED		
30	WHITEBOARD MARKER - WIPEABLE	PCS	AS AND WHEN REQUIRED		
31	PAINT REMOVER	LITRES	AS AND WHEN REQUIRED		
32	STANDARD SAND	PCS	AS AND WHEN REQUIRED		
33	4MM THICK PLY WOOD	PCS	AS AND WHEN REQUIRED		

34	ROAD MARKER THINNER	LITRES	AS AND WHEN REQUIRED		
35	BUFFER STANDARD PH 10	LITRES	AS AND WHEN REQUIRED		
36	BUFFER STANDARD PH 4	LITRES	AS AND WHEN REQUIRED		
37	BUFFER STANDARD PH 7	LITRES	AS AND WHEN REQUIRED		
38	METHYL ETHYL KETONE AR	2.5LTRS	AS AND WHEN REQUIRED		
39	TETRACHLOROETHYLENE	2.5LTRS	AS AND WHEN REQUIRED		
40	CITRIC ACID AR	KGS	AS AND WHEN REQUIRED		
41	LITHIUM HEAVY DUTY GREASE	KGS	AS AND WHEN REQUIRED		
42	GLYCEROL	2.5LITRES	AS AND WHEN REQUIRED		
43	ALUMINIUM OXIDE AR	KGS	AS AND WHEN REQUIRED		
44	RIVER SAND	TONS	AS AND WHEN REQUIRED		
45	HYDROCHLORIC ACID AR	2.5LITRES	AS AND WHEN REQUIRED		
46	SILICON	KGS	AS AND WHEN REQUIRED		
47	ANTIMONY TRICHLORIDE	KGS	AS AND WHEN REQUIRED		
48	HACKSAW BLADES	PCS	AS AND WHEN REQUIRED		
49	STAINLESS FLAT BARS 5MM(THICKNESS)*40MM(WIDTH)*3M LONG	PCS	AS AND WHEN REQUIRED		
50	STAINLESS STEEL SQUARE ROD 19.2MM*19.2MM*3 M LONG	PCS	AS AND WHEN REQUIRED		
51	CARBIDE TIPPED METAL CUTTING TOOL(HSS)	PCS	AS AND WHEN REQUIRED		
52	WEDGE GRIP GRAPHITE GREASE	125 ML	AS AND WHEN REQUIRED		
53	FRET WIRE CUTTER	PCS	AS AND WHEN REQUIRED		
54	THERMOCOUPLE TEMPERATURE PROBES WITH TYPE K PLUG	PCS	AS AND WHEN REQUIRED		
55	WIRE BRUSH	PCS	AS AND WHEN REQUIRED		
56	FLUORESCENT UV LAMP TYPE 1A LAMPS	PCS	AS AND WHEN REQUIRED		
57	WATER FILTER FOR ACCELARATED WEATHERING MACHINE(PP COTTON FILTER ELEMENT ONE MICRON)	PCS	AS AND WHEN REQUIRED		
58	HYDAULIC OIL FOR COMPRESSION MACHINES - ISO VG 68	20 LITRES	AS AND WHEN REQUIRED		
59	HYDAULIC OIL FOR TENSILE MACHINES - ISO VG 46	20 LITRES	AS AND WHEN REQUIRED		
60	VERNIER CALLIPER BATTERIES - CR2032 3V	PCS	AS AND WHEN REQUIRED		
61	VERNIER CALLIPER BATTERIES - SR 44	PCS	AS AND WHEN REQUIRED		

9. MYCOTOXIN AND ANTIBIOTICS

NO.	ITEM DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY	UNIT PRICE	REMARKS
1	AFLATOXIN TOTAL	ELISA 96 WELLS	96/BOX	AS AND WHEN REQUIRED		
2	AFLATOXIN B1	ELISA 96 WELLS	96/BOX	AS AND WHEN REQUIRED		
3	AFLATOXIN M1	ELISA 96 WELLS	96/BOX	AS AND WHEN REQUIRED		
4	FUMONISINS	ELISA 96 WELLS	96/BOX	AS AND WHEN REQUIRED		
5	OCHRATOXINS	ELISA 96 WELLS	96/BOX	AS AND WHEN REQUIRED		
6	T-2 TOXIN	ELISA 96 WELLS	96/BOX	AS AND WHEN REQUIRED		
7	DEOXYNIVALENOL	ELISA 96 WELLS	96/BOX	AS AND WHEN REQUIRED		
8	5 IN 1 RAPID ANTIBIOTIC TEST KIT	B-LACTAMS, TETRACYLINE, SULPHONAMIDES,	PKT	AS AND WHEN REQUIRED		
		CHLORAMPHENICOL	PKT	AS AND WHEN REQUIRED		
	3 IN 1 RAPID ANTIBIOTIC TEST KIT	B-LACTAMS, TETRACYLINE, SULPHONAMIDES	PKT	AS AND WHEN REQUIRED		
9	2 IN 1 RAPID ANTIBIOTIC TEST KIT	B-LACTAMS & TETRACYLINE	PKT	AS AND WHEN REQUIRED		

10	CHARM II TETRACYCLINE TEST FOR MRLS	TET2-043C	PKTS	AS AND WHEN REQUIRED		
11	CHARM II TEST FOR SULFA DRUGS IN MILK AT MRL	SULFA-030G	PKTS	AS AND WHEN REQUIRED		
12	CHARM II BETA-LACTAM TEST FOR MRLS	TBL8-050E	PKTS	AS AND WHEN REQUIRED		
13	CHARM II TEST FOR TEST FOR TETERACYCLINE IN MILK	TET2-043C	PKTS	AS AND WHEN REQUIRED		
14	CHARM II AMINOGLYCOSIDE TEST FOR GENTAMICIN AND NEOMYCIN IN MILK	GTBL-023	PKTS	AS AND WHEN REQUIRED		
15	CHARM II MACROLIDE TEST FOR MRLS IN MILK	ETBL-033G	PKTS	AS AND WHEN REQUIRED		
16	CHARM II TEST FOR CHLORAMPENICOL AND OTHER AMPHENICOLS IN MILK	CAP-024B	PKTS	AS AND WHEN REQUIRED		
17	CHARM II TEST FOR TETRACYCLINE IN HONEY	TETH-016D	PKTS	AS AND WHEN REQUIRED		
18	CHARM II CHLORAMPENICOL TEST IN HONEY	ATBLH-008C	PKTS	AS AND WHEN REQUIRED		
19	CHARM II TEST FOR TETRACYCLINE IN TISSUE	TMSU-028A	PKTS	AS AND WHEN REQUIRED		
20	CHARM II TEST FOR BETA-LACTAMS IN TISSUE	PMSU-050K	PKTS	AS AND WHEN REQUIRED		
21	CHARM II TEST FOR SULFA DRUGS IN TISSUE	SMMSU-023	PKTS	AS AND WHEN REQUIRED		
22	CHARM II MACROLIDE TEST IN TISSUE	EMSU-026B	PKTS	AS AND WHEN REQUIRED		
23	CHARM II STREPTOMYCIN TEST IN TISSUE	STMSU-025E	PKTS	AS AND WHEN REQUIRED		
24	CHARM II AMPHENICOLS TEST FOR TISSUE	CMSU-025	PKTS	AS AND WHEN REQUIRED		
25	CHARM II AMINOGLYCOSIDE TEST FOR GENTAMICIN AND NEOMYCIN IN TISSUE	GTBL-023	PKTS	AS AND WHEN REQUIRED		
26	CHARM II TEST FOR TETRACYCLINE IN EGGS	TMSU-028A	PKTS	AS AND WHEN REQUIRED		
27	CHARM II MACROLIDE TEST IN EGGS	EMSU-026B	PKTS	AS AND WHEN REQUIRED		
28	CHARM II TEST FOR BETA-LACTAMS IN EGGS	PMSU-050K	PKTS	AS AND WHEN REQUIRED		
29	CHARM II STREPTOMYCIN TEST IN EGGS	STMSU-025F	PKTS	AS AND WHEN REQUIRED		
30	CHARM II TEST FOR SULFA DRUGS IN EGGS	SMMSU-023	PKTS	AS AND WHEN REQUIRED		
31	CHARM II CIDELITE TEST FOR PESTICIDES	870-0081	PKTS	AS AND WHEN REQUIRED		
32	AFLATOXIN G1 STANDARD	POWDER, 10MG	PCS	AS AND WHEN REQUIRED		
33	AFLATOXIN G2 STANDARD	POWDER, 10MG	PCS	AS AND WHEN REQUIRED		
34	AFLATOXIN M1 STANDARD	250 MICROGRAMS	PCS	AS AND WHEN REQUIRED		
35	HMF HPLC STANDARD	99% PURITY	25MG	AS AND WHEN REQUIRED		
36	AFLATOXIN TOTAL (LOW MATRIX)	ELISA 96 WELLS	96/BOX	AS AND WHEN REQUIRED		
37	AFLATOXIN B1 (LOW MATRIX)	ELISA 96 WELLS	96/BOX	AS AND WHEN REQUIRED		

38	ANTIBIOTIC MULTI-TEST DISCS GRAM POSITIVE	INDIVIDUAL RING-SHAPED, 8- TIP DISCS	PACK OF 50	AS AND WHEN REQUIRED		
39	ANTIBIOTIC MULTI-TEST DISCS GRAM NEGATIVE	INDIVIDUAL RING-SHAPED, 8- TIP DISCS	PACK OF 50	AS AND WHEN REQUIRED		

10. STANDARD AND RELATED ITEMS

NO.	ITEM NAME/DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY REQUIRED	UNIT PRICE	REMARKS
1	"LC MULTIRESIDUE PESTICIDE STANDARD CARBAMATE/URON COMPOUNDS 100 µG/ML EACH IN ACETONITRILE, "	"STANDARD #9 (7 COMPONENTS) 1 ML/AMPULE AMINOCARB (2032-59-9) DESMEDIPHAM (13684-56-5) FORMETANATE HCL (23422-53-9) MEXACARBATE (ZECTRAN) (315-18-4) MONCEREN (PENICYCURON) (66063-05-6) PHENMEDIPHAM (13684-63-4) PROPAMOCARB FREE BASE (24579-73-5)"	AMPOULE	AS AND WHEN REQUIRED		
2	"LC MULTIRESIDUE PESTICIDE STANDARD CARBAMATE/URON COMPOUNDS 100 µG/ML IN METHANOL, "	" STANDARD #10 1 ML/AMPULE CARBENDAZIM (10605-21-7)"	AMPOULE	AS AND WHEN REQUIRED		
3	"LC MULTIRESIDUE PESTICIDE STANDARD ORGANONITROGEN COMPOUNDS 100 µG/ML EACH IN ACETONITRILE, "	"STANDARD #4 (63 COMPONENTS) , 1 ML/AMPULE ABAMECTIN (71751-41-2) ACETAMIPRID (135410-20-7) AMETRYN (834-12-8) AMITRAZ (33089-61-1) AZOXYSTROBIN (131860-33-8) BENALAXYL (71626-11-4) BENZOXIMATE (29104-30-1) BOSCALID (188425-85-6) BUTAFENACIL (134605-64-4) CARBETAMIDE (16118-49-3) CARFENTRAZONE ETHYL (128639-02-1) CHLORANTRANILIPROLE (500008-45-7)* CLOFENTEZINE (74115-24-5) CYMOXANIL (57966-95-7) CYPRODINIL (121552-61-2) CYROMAZINE (66215-27-8) DIMOXYSTROBIN (149961-52-4) DINOTEFURAN (165252-70-0) DORAMECTIN (117704-25-3) EPRINOMECTIN (123997-26-2) FAMOXADON (131807-57-3) FENZAQUIN (120928-09-8) FENHEXAMID (126833-17-8) (E)-FENPYROXIMATE (134098-61-6) FLONICAMID (158062-67-0) FLUAZINAM (79622-59-6)† FLUDIOXONIL (131341-86-1) FLUOXASTROBIN (361377-29-9) FLUTOLANIL (66332-96-5) FURALAXYL (57646-30-7) HALOFENOZIDE (112226-61-6) IMAZALIL (35554-44-0) IMIDACLOPRID (138261-41-3) IVERMECTIN (70288-86-7) KRESOXIM METHYL (143390-89-0) MANDIPROPAMID (374726-62-2) MEPANIPYRIM (110235-47-7) MEPRONIL (55814-41-0) METAFLOMIZONE (139968-49-3) METALAXYL (57837-19-1) METHOXYFENOZIDE (161050-58-4) MOXIDECTIN (113507-06-5) MYCLOBUTANIL (88671-89-0) NITENPYRAM (120738-89-8) OXADIXYL (77732-09-3) PICOXYSTROBIN (117428-22-5) PIPERONYL BUTOXIDE (51-03-6) PROCHLORAZ (67747-09-5) PROMETON (1610-18-0) PYMETROZINE (123312-89-0) PYRACARBOLID (24691-76-7) PYRIMETHANIL (53112-28-0) PYRIPROXYFEN (95737-68-1) QUINOXYFEN (124495-18-7) ROTENONE (83-79-4) SECBUMETON (26259-45-0) SPIROXAMINE (118134-30-8) TEBUFENOZIDE (112410-23-8) TEBUFENPYRAD (119168-77-3) TERBUMETON (33693-04-8) TRIADIMEFON (43121-43-3) TRIFLOXYSTROBIN (141517-21-7) ZOAXAMIDE (156052-68-5)"	AMPOULE	AS AND WHEN REQUIRED		

4	"LC MULTIRESIDUE PESTICIDE STANDARD ORGANONITROGEN COMPOUNDS 100 µG/ML EACH IN ACETONITRILE, 1 ML/AMPUL "	"STANDARD #5 (30 COMPONENTS) 1 ML/AMPUL ACIBENZOLAR-S-METHYL (135158-54-2) BUPIRIMATE (41483-43-6) BUPROFEZIN (69327-76-0) CARBOXIN (5234-68-4) CLETHODIM (99129-21-2) CLOTHIANIDIN (210880-92-5) CYAZOFAMID (120116-88-3) ETHIPROLE (181587-01-9) ETHOFUMESATE (26225-79-6) FENAMIDONE (161326-34-7) FIPRONIL (120068-37-3) FLUBENDIAMIDE (272451-65-7) FLUFENACET (FLUTHIAMIDE) (142459-58-3) HEXYTHIAZOX (78587-05-0) MEFENACET (73250-68-7) MESOTRIONE (104206-82-8) METHOPROTRYNE (841-06-5) METRIBUZIN (21087-64-9) PROMETRYNE (7287-19-6) PROPARGITE (2312-35-8) PROTHIOCONAZOLE (178928-70-6) PYRIDABEN (96489-71-3) SIMETRYN (1014-70-6) SULFENTRAZONE (122836-35-5) TERBUTRYN (886-50-0) THIABENDAZOLE (148-79-8) THIACTOPRID (111988-49-9) THIAMETHOXAM (153719-23-4) THIOFANOX (39196-18-4) TRICYCLAZOLE (BEAM) (41814-78-2) "	AMPOULE	AS AND WHEN REQUIRED	
5	"LC MULTIRESIDUE PESTICIDE STANDARD ORGANONITROGEN COMPOUNDS 100 µG/ML EACH IN ACETONITRILE, 1 ML/AMPUL "	"STANDARD #6 (28 COMPONENTS) 1 ML/AMPUL BAYCOR (BITERTANOL) (55179-31-2) BROMUCONAZOLE (116255-48-2) CYPROCONAZOLE (94361-06-5) DICLOBUTRAZOL (75736-33-3) DIFENOCONAZOLE (119446-68-3) DINICONAZOLE (83657-24-3) EPOXICONAZOLE (133855-98-8) ETACONAZOLE (60207-93-4) ETHIRIMOL (23947-60-6) ETOXAZOLE (153233-91-1) FENARIMOL (60168-88-9) FENBUCONAZOLE (114369-43-6) FLUQUINCONAZOLE (136426-54-5) FLUSILAZOLE (85509-19-9) FLUTRIAFOL (76674-21-0) FUBERIDAZOLE (3878-19-1) HEXACONAZOLE (79983-71-4) IPCONAZOLE (125225-28-7) METCONAZOLE (125116-23-6) NUARIMOL (63284-71-9) PACLOBUTRAZOL (76738-62-0) PENCONAZOLE (66246-88-6) PROPICONAZOLE (TILT) (60207-90-1) TEBUCONAZOLE (107534-96-3) TETRACONAZOLE (112281-77-3) TRIADIMENOL (55219-65-3) TRIFLUMIZOLE (68694-11-1) TRITICONAZOLE (131983-72-7) "	AMPOULE	AS AND WHEN REQUIRED	
6	"LC MULTIRESIDUE PESTICIDE STANDARD ORGANONITROGEN COMPOUNDS 100 µG/ML EACH IN ACETONITRILE, 1 ML/AMPUL "	"STANDARD #7 (7 COMPONENTS) 1 ML/AMPUL EMAMECTIN-BENZOATE (155569-91-8) FENPROPIMORPH (67564-91-4) SPINETORAM (J&L) (935545-74-7)‡ SPINOSAD (A&D) (168316-95-8)** SPIRODICLOFEN (148477-71-8) SPIROMESIFEN (283594-90-1) SPIROTETRAMAT (203313-25-1)"	AMPOULE	AS AND WHEN REQUIRED	
7	"LC MULTIRESIDUE PESTICIDE STANDARD ORGANONITROGEN COMPOUNDS 100 µG/ML IN ACETONITRILE, 1 ML/AMPUL "	"STANDARD #8 1 ML/AMPUL HYDRAMETHYLNON (67485-29-4)"	AMPOULE	AS AND WHEN REQUIRED	
8	APCI-L LCMS TUNING SOLUTION. TUNING MIX FOR AGILENT 6460 LCMS INSTRUMENTS	AGILENT PART NUMBER:G1969-85010	100ML	AS AND WHEN REQUIRED	
9	BUFFER STANDARD PH 10 TRACEABLE TO SI	BUFFER STANDARD PH 10 TRACEABLE TO SI	500ML	AS AND WHEN REQUIRED	
10	BUFFER STANDARD PH 4 TRACEABLE TO SI	BUFFER STANDARD PH 4 TRACEABLE TO SI	500ML	AS AND WHEN REQUIRED	
11	BUFFER STANDARD PH 7 TRACEABLE TO SI	BUFFER STANDARD PH 7 TRACEABLE TO SI	500ML	AS AND WHEN REQUIRED	
12	ESI-L LCMS TUNING SOLUTION. TUNING MIX FOR AGILENT 6460 LCMS INSTRUMENTS	AGILENT PART NUMBER:G1969-85000	100ML	AS AND WHEN REQUIRED	
13	ETHANOL 200 PROOF GLASS AMBER BOTTLE		2.5L	AS AND WHEN REQUIRED	

14	GC MULTIRESIDUE PESTICIDE STANDARD SYNTHETIC PYRETHROID COMPOUNDS 100 µG/ML EACH IN TOLUENE,	"STANDARD #6 (18 COMPONENTS) 1 ML/AMPULE ACRINATHRIN (101007-06-1) ANTHRAQUINONE (84-65-1) BIFENTHRIN (82657-04-3) BIOALLETHRIN (584-79-2) CYFLUTHRIN (68359-37-5) LAMBDA-CYHALOTHRIN (91465-08-6) CYPERMETHRIN (52315-07-8) DELTAMETHRIN (52918-63-5) FENVALERATE (51630-58-1) FLUCYTHRINATE (70124-77-5) TAU-FLUVALINATE (102851-06-9) CIS-PERMETHRIN (61949-76-6) TRANS-PERMETHRIN (61949-77-7) PHENOTHRIN (CIS & TRANS) (26002-80-2) RESMETHRIN (10453-86-8) TEFLUTHRIN (79538-32-2) TETRAMETHRIN (7696-12-0) TRANSFLUTHRIN (118712-89-3)"	AMPOULE	AS AND WHEN REQUIRED		
15	GC MULTIRESIDUE STANDARDS HERBICIDE METHYL ESTERS COMPOUNDS 100µG/ML EACH IN TOLUENE	"STANDARD #7 (10 COMPONENTS) 100 µG/ML EACH IN TOLUENE, 1 ML/AMPULE ACEQUINOCYL (57960-19-7) BROMOPROPYLATE (18181-80-1) CARFENTRAZONE ETHYL (128639-02-1) CHLOROBENZILATE (510-15-6) CHLORPROPHAM (101-21-3) CHLOZOLINATE (84332-86-5) DCPA METHYL ESTER (CHLORTHAL-DIMETHYL) (1861-32-1) FLUAZIFOP-P-BUTYL (79241-46-6) METALAXYL (57837-19-1) 2-PHENYLPHENOL (90-43-7)"	1ML AMPOULE	AS AND WHEN REQUIRED		
16	GC MULTIRESIDUE STANDARDS ORGANOCHLORINE COMPOUNDS 100µG/ML EACH IN TOLUENE	"STANDARD #2 (40 COMPONENTS) 1 ML/AMPULE ALDRIN (309-00-2) A-BHC (319-84-6) B-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) 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)"	1ML AMPOULE	AS AND WHEN REQUIRED		
17	GC MULTIRESIDUE STANDARDS ORGANONITROGEN COMPOUNDS 100µG/ML EACH IN TOLUENE	"STANDARD #4 (28 COMPONENTS) 1 ML/AMPULE ACETOCHLOR (34256-82-1) ALACHLOR (15972-60-8) ALLIDOCHLOR (93-71-0) CLOMAZONE (COMMAND) (81777-89-1) CYCLOATE (1134-23-2) DIALATE (CIS & TRANS) (2303-16-4) DIMETHACHLOR (50563-36-5) DIPHENAMID (957-51-7) FENPROPATHRIN (39515-41-8) FLUQUINCONAZOLE (136426-54-5) FLUTOLANIL (66332-96-5) LINURON (330-55-2) METAZACHLOR (67129-08-2) METHOXYCHLOR (72-43-5) METOLACHLOR (51218-45-2) N-(2,4-DIMETHYLPHENYL)FORMAMIDE (60397-77-5) NORFLURAZON (27314-13-2) OXADIAZON (19666-30-9) PEBULATE (1114-71-2) PRETILACHLOR (51218-49-6) PROCHLORAZ (67747-09-5) PROPACHLOR (1918-16-7) PROPANIL (709-98-8) PROPISOCHLOR (86763-47-5) PROPYZAMIDE (23950-58-5) PYRIDABEN (96489-71-3) TEBUFENPYRAD (119168-77-3) TRIALLATE (2303-17-5) "	1ML AMPOULE	AS AND WHEN REQUIRED		
18	GC MULTIRESIDUE STANDARDS ORGANONITROGEN COMPOUNDS	"STANDARD #3 (25 COMPONENTS) 1 ML/AMPULE BENFLURALIN (1861-40-1) BIPHENYL (92-52-4) CHLOROTHALONIL (1897-45-6) DICHLOFLUANID (1085-98-9) DICHLORAN (99-30-9) 3,4-	1ML AMPOULE	AS AND WHEN REQUIRED		

	100µG/ML EACH IN TOLUENE:ACETONITRILE (99:1)	DICHLOROANILINE (95-76-1) 2,6-DICHLOROBENZONITRILE (DICHLOBENIL) (1194-65-6) DIPHENYLAMINE (122-39-4) ETHALFLURALIN (55283-68-6) FLUCHLORALIN (33245-39-5) ISOPROPALIN (33820-53-0) NITRALIN (4726-14-1) NITROFEN (1836-75-5) OXYFLUORFEN (42874-03-3) PENDIMETHALIN (40487-42-1) PENTACHLOROANILINE (527-20-8) PENTACHLOROBENZONITRILE (20925-85-3) PENTACHLORONITROBENZENE (QUINTOZENE) (82-68-8) PRODIAMINE (29091-21-2) PROFLURALIN (26399-36-0) 2,3,5,6-TETRACHLOROANILINE (3481-20-7) TETRACHLORONITROBENZENE (TECNAZENE) (117-18-0) THPI (TETRAHYDROPHthalimide) (1469-48-3) TOLYLFLUANID (731-27-1) TRIFLURALIN (1582-09-8) "				
19	GC MULTIRESIDUE STANDARDS ORGANOPHOSPHOROUS COMPOUNDS 100µG/ML EACH IN TOLUENE	"STANDARD #1 (16 COMPONENTS) 1 ML/AMPUL AZINPHOS ETHYL (2642-71-9) AZINPHOS METHYL (86-50-0) CHLORPYRIFOS (2921-88-2) CHLORPYRIFOS METHYL (5598-13-0) DIAZINON (333-41-5) EPN (2104-64-5) FENITROTHION (122-14-5) ISAZOPHOS (42509-80-8) PHOSALONE (2310-17-0) PHOSMET (732-11-6) PIRIMIPHOS ETHYL (23505-41-1) PIRIMIPHOS METHYL (29232-93-7) PYRACLOFOS (89784-60-1) PYRAZOPHOS (13457-18-6) PYRIDAPHENTHION (119-12-0) QUINALPHOS (13593-03-8)"	1ML AMPOULE	AS AND WHEN REQUIRED		
20	GC MULTIRESIDUE STANDARDS ORGANOPHOSPHOROUS COMPOUNDS 100µG/ML EACH IN TOLUENE	"STANDARD #8 (24 COMPONENTS) 1 ML/AMPUL BROMFENVINPHOS-METHYL (13104-21-7) BROMFENVINPHOS (33399-00-7) BROMOPHOS ETHYL (4824-78-6) BROMOPHOS METHYL (2104-96-3) CARBOPHENOTHION (786-19-6) CHLORFENVINPHOS (470-90-6) CHLORTHIOPHOS (60238-56-4) COUMAPHOS (56-72-4) EDIFENPHOS (17109-49-8) ETHION (563-12-2) FENAMIPHOS (22224-92-6) FENCHLORPHOS (RONNEL) (299-84-3) FENTHION (55-38-9) IODOFENPHOS (18181-70-9) LEPTOPHOS (21609-90-5) MALATHION (121-75-5) METHACRIFOS (62610-77-9) PROFENOFOS (41198-08-7) PROTHIOFOS (34643-46-4) SULFOTEPP (3689-24-5) SULPROFOS (35400-43-2) TERBUFOS (13071-79-9) TETRACHLORVINPHOS (22248-79-9) TOLCLOFOS-METHYL (57018-04-9) "	1ML AMPOULE	AS AND WHEN REQUIRED		
21	GC MULTIRESIDUE STANDARDS ORGANOPHOSPHOROUS COMPOUNDS 100µG/ML EACH IN TOLUENE	" STANDARD #9 (8 COMPONENTS) 1 ML/AMPUL DISULFOTON (298-04-4) FONOFOS (944-22-9) METHYL PARATHION (298-00-0) MEVINPHOS (7786-34-7) PARATHION (ETHYL PARATHION) (56-38-2) PHORATE (298-02-2) PIPERONYL BUTOXIDE (51-03-6) TRIAZOPHOS (24017-47-8)"	1ML AMPOULE	AS AND WHEN REQUIRED		
22	GC MULTIRESIDUE STANDARDS SYNTHETIC PYRETHROID COMPOUNDS 100µG/ML EACH IN TOLUENE	"STANDARD #5 (34 COMPONENTS) 1 ML/AMPUL ATRAZINE (1912-24-9) BUPIRIMATE (41483-43-6) CAPTAFOL (2425-06-1) CAPTAN (133-06-2) CHLORFENAPYR (122453-73-0) CYPRODINIL (121552-61-2) ETOFENPROX (80844-07-1) ETRIDIAZOLE (2593-15-9) FENARIMOL (60168-88-9) FIPRONIL (120068-37-3) FLUDIOXONIL (131341-86-1) FLURIDONE (SONAR) (59756-60-4) FLUSILAZOLE (85509-19-9) FLUTRIAFOL (76674-21-0) FOLPET (133-07-3) HEXAZINONE (VELPAR) (51235-04-2) IPRODIONE (36734-19-7) LENACIL (2164-08-1) MGK-264 (113-48-4) MYCLOBUTANIL (88671-89-0) PACLOBUTRAZOL (76738-62-0) PENCONAZOLE (66246-88-6) PROCYMIDONE (32809-16-8) PROPARGITE (2312-35-8) PYRIMETHANIL (53112-28-0) PYRIPROXYFEN (95737-68-1) TEBUCONAZOLE (107534-96-3) TERBACIL (5902-51-2) TERBUTHYLAZINE (5915-41-3) TRIADIMEFON (43121-43-3) TRIADIMENOL (55219-65-3)	1ML AMPOULE	AS AND WHEN REQUIRED		

		TRICYCLAZOLE (BEAM) (41814-78-2) TRIFLUMIZOLE (68694-11-1) VINCLOZOLIN (50471-44-8)"				
23	ICP-OES GOLD STANDARD	1000PPM- 100ML	100ML	AS AND WHEN REQUIRED		
24	ICP-OES MULTIELEMENT STANDARD	33 ELEMENT (1000PPM)	100ML	AS AND WHEN REQUIRED		
25	ICP-OES TIN STANDARD	1000PPM, 100ML	100ML	AS AND WHEN REQUIRED		
26	LC VETERINARY STANDARDS BETA LACTAM ANTIBIOTIC	"1G PER STANDARD AMOXICILLIN CAS NO 26787-78-0 PENICILLINE G CAS NO SULBACTAM CAS NO 68373-14-8 AMPICILLIN CAS NO 69-53-4 CLOXACILLIN CAS NO 7081-44-9 DICLOXACILLIN CAS NO 13412-64-1 OXACILLIN CAS NO 66-79-5 PENICILLIN V CAS NO 132-98-9 PIPERACILLIN CAS NO 61477-96-1 "	1ML AMPOULE	AS AND WHEN REQUIRED		
27	LC MULTIRESIDUE PESTICIDE STANDARD CARBAMATE/URON COMPOUNDS 100 µG/ML EACH IN ACETONITRILE,	"STANDARD #2 (16 COMPONENTS) 1 ML/AMPUL ALANYCARB (83130-01-2) ALDICARB (116-06-3) ALDICARB SULFONE (1646-88-4) ALDICARB SULFOXIDE (1646-87-3) BENFURACARB (82560-54-1) BUTOCARBOXIM (34681-10-2) BUTOXYCARBOXIM (34681-23-7) ETHIOFENCARB (29973-13-5) FURATHIOCARB (65907-30-4) METHABENZTHIAZURON (18691-97-9) METHIOCARB (2032-65-7) METHOMYL (16752-77-5) OXAMYL (23135-22-0) TEBUTHIURON (34014-18-1) THIDIAZURON (51707-55-2) THIOPHANATE-METHYL (23564-05-8)"	1ML AMPOULE	AS AND WHEN REQUIRED		
28	LC MULTIRESIDUE PESTICIDE STANDARD CARBAMATE/URON COMPOUNDS 100 µG/ML EACH IN ACETONITRILE,	"STANDARD #3 (38 COMPONENTS) 1 ML/AMPUL BENDIOCARB (22781-23-3) BIFENAZATE (149877-41-8) CARBOFURAN (1563-66-2) CHLORFLUAZURON (71422-67-8) CHLOROXYURON (1982-47-4) CHLORTOLURON (15545-48-9) CYCLURON (2163-69-1) DIETHOFENCARB (87130-20-9) DIFLUBENZURON (35367-38-5) DIOXACARB (6988-21-2) DIURON (330-54-1) FENOBU CARB (BPMC) (3766-81-2) FENOXYCARB (72490-01-8) FENURON (101-42-8) FLUFENOXURON (101463-69-8) FLUOMETURON (2164-17-2) FORCHLORFENURON (68157-60-8) HEXAFLUMURON (86479-06-3) 3-HYDROXYCARBOFURAN (16655-82-6) INDOXACARB (173584-44-6) IPROVALICARB (140923-17-7) ISOPROCARB (2631-40-5) ISOPROTURON (34123-59-6) LINURON (330-55-2) LUFENURON (103055-07-8) METOBROMURON (3060-89-7) MONOLINURON (1746-81-2) NEBURON (555-37-3) NOVALURON (116714-46-6) PIRIMICARB (23103-98-2) PROMECARB (2631-37-0) PROPHAM (122-42-9) PROPOXUR (BAYGON) (114-26-1) PYRACLOSTROBIN (175013-18-0) SIDURON (1982-49-6) TEFLUBENZURON (83121-18-0) THIOBENCARB (28249-77-6) TRIFLUMURON (64628-44-0)"	1ML AMPOULE	AS AND WHEN REQUIRED		
29	LC MULTIRESIDUE PESTICIDE STANDARD ORGANOPHOSPHORUS COMPOUNDS 100 µG/ML EACH IN ACETONITRILE,	"STANDARD #1 (13 COMPONENTS)1 ML/AMPUL ACEPHATE (30560-19-1) CARBARYL (SEVIN) (63-25-2) DICROTOPHOS (141-66-2) DIMETHOATE (60-51-5) DIMETHOMORPH (110488-70-5) ISOCARBOPHOS (24353-61-5) METHAMIDOPHOS (10265-92-6) MEVINPHOS (7786-34-7) MONOCROTOPHOS (6923-22-4) OMETHOATE (1113-02-6) TEMEPHOS (ABATE) (3383-96-8) TRICHLORFON (DYLOX) (52-68-6) VAMIDOTHION (VAMIDOATE) (2275-23-2) "	1ML AMPOULE	AS AND WHEN REQUIRED		
30	LC VETERINARY STANDARDS CHLORAMPHENICOL ANTIBIOTIC	"1G EACH CHLORAMPHENICOL CAS NO 56-75-7 , FLORFENICOL CAS NO 73231-34-2 THIAMPHENICOL CAS NO 15318-45-3"	1G	AS AND WHEN REQUIRED		
31	LC VETERINARY STANDARDS MACROLIDE ANTIBIOTIC	"1G PER STANDARD ERYTHROMYCIN CAS NO 59319-72-1 KITASAMYCIN/LEUCOMYCIN CAS NO 1392-21-8 OLEANDOMYCIN CAS NO 7060-74-4 PIMARICIN CAS NO 7681-93-8 SPIRAMYCIN CAS NO 8025-81-8 TILMICOSIN CAS NO 108050-54-0 TYLOSIN CAS NO 74610-55-2	1G	AS AND WHEN REQUIRED		

		ACETYLISOVALERYLTYLOSIN/TYLVALOSIN CAS NO 63409-12-1 "				
32	LC VETERINARY STANDARDS QUINOLONE ANTIBIOTIC	"1G EACH CIPROFLOXACIN CAS NO 85721-33-1 DANOFLOXACIN CAS NO 112398-08-0 DIFLOXACIN CAS NO 98106-17-3 ENOXACIN CAS NO 74011-58-8 ENROFLOXACIN CAS NO 93106-60-6 FLEROXACIN CAS NO 79660-72-3 FLUMEQUIN CAS NO 42835-25-6 LOMEFLOXACIN CAS NO 98079-51-7 MARBOFLOXACIN CAS NO 115550-35-1 NALIDIXIC ACID CAS NO 389-08-2 NORFLOXACIN CAS NO 70458-96-7 OFLOXACIN CAS NO 82419-36-1 ORBIFLOXACIN CAS NO 113617-63-3 OXOLINIC ACID CAS NO 14698-29-4 PEFLOXACIN CAS NO 70458- 92-3 SARAFLOXACIN CAS NO 98105-99-8 SPARFLOXACIN CAS NO 110871-86-8 "	1G	AS AND WHEN REQUIRED		
33	LC VETERINARY STANDARDS SULFONAMIDE ANTIBIOTIC	"1G PER STANDARD SULFABENZAMIDE CAS NO 127-71-9 SULFACETAMIDE CAS NO 144-80-9 SULFACHLOROPYRIDAZINE CAS NO 80-32-0 SULFACLOZINE CAS NO 102-65-8 SULFADIAZINE CAS NO 68-35-9 SULFADIMETHOXINE CAS NO 122-11-2 SULFAMETHAZINE/SULFADIMIDINE CAS NO 57-68-1 SULFADOXIN CAS NO 2447-57-6 SULFAGUANIDINE CAS NO 57- 67-0 SULFAMOXOLE CAS NO 729-99-7 SULFANITRAN CAS NO 122-16-7 SULFAPHENAZOLE CAS NO 526-08-9 SULFAPYRIDINE CAS NO 144-83-2 SULFAQUINOXALINE CAS NO 59-40-5 SULFATHIAZOLE CAS NO 72-14-0 SULFISOMIDINE CAS NO 515- 64-0 SULFISOXAZOLE/SULFAPYRIDAZOLE CAS NO 127-69-5 TRIMETHOPRIM CAS NO 738-70-5 SULFAMERAZINE CAS NO 127-79-7 SULFAMETER/SULFAMETHOXYDIAZINE CAS NO 651- 06-9 SULFAMETHIZOLE CAS NO 144-82-1 SULFAMETHOXAZOLE CAS NO 723-46-6 SULFAMETHOXYPYRIDAZINE CAS NO 80-35-3 SULFAMONOMETHOXINE CAS NO 1220-83-3"	1G	AS AND WHEN REQUIRED		
34	LC VETERINARY STANDARDS TETRACYCLINE ANTIBIOTIC 1G PER STANDARD	"1G PER STANDARD CHLORTETRACYCLINE CAS NO 57-62-5 DOXYCYCLINE CAS NO 564-25-0 OXYTETRACYCLINE CAS NO 6153-64-6 TETRACYCLINE CAS NO 60-54-8"	AMPOULE	AS AND WHEN REQUIRED		
35	MULTIELEMENT (ATLEAST 5 ANIONS) SOLUTION EXCLUDING FLUORIDES	AR	500ML	AS AND WHEN REQUIRED		
36	MULTIELEMENT (ATLEAST 5 CATIONS) SOLUTION EXCLUDING CALCIUM	AR	500ML	AS AND WHEN REQUIRED		
37	NEAMINE,	EUROPEAN PHARMAPOEIA (EP) REFERENCE STANDARD,	0.89 MG	AS AND WHEN REQUIRED		
38	PYRETHRIN STANDARD	ANALYTICAL REFERENCE STANDARD	100MG	AS AND WHEN REQUIRED		
39	RESTEK TRIPHENYLPHOSPHATE STANDARD, 1000 µG/ML, ACETONE, 1 ML/AMPULE	CATALOG NO. 32281	AMPOULE	AS AND WHEN REQUIRED		
40	NICOTINE (S)-3-[1- METHYLPYRROLIDIN-2-YL] PYRIDINE	CAS NUMBER: 54-11-5] OF KNOWN PURITY NOT LESS THAN 98%	1ML AMPOULE	AS AND WHEN REQUIRED		
41	GLYCEROL (PROPANE-1,2,3-TRIOLE)	CAS NUMBER: 56-81-5] OF KNOWN PURITY NOT LESS THAN 98%.	1ML AMPOULE	AS AND WHEN REQUIRED		
42	PROPYLENE GLYCOL (PROPANE-1,2- DIOL)	CAS NUMBER: 57-55-6] OF KNOWN PURITY NOT LESS THAN 98%.	1ML AMPOULE	AS AND WHEN REQUIRED		
43	TRIACETIN (1,2,3- TRIACETOXYPROPANE)	[CAS NUMBER: 102-76-1] OF KNOWN PURITY NOT LESS THAN 98%.	1ML AMPOULE	AS AND WHEN REQUIRED		

44	INTERNAL STANDARD FOR NICOTINE AND TRIACETIN: N-HEPTADECANE	(PURITY > 98% OF MASS FRACTION) [CAS NUMBER: 629-78-7].	1ML AMPOULE	AS AND WHEN REQUIRED		
45	INTERNAL STANDARD FOR GLYCEROL AND PROPYLENE GLYCOL: 1,3-BUTANEDIOL	(PURITY > 99% OF MASS FRACTION) [CAS NUMBER: 107-88-0].	1ML AMPOULE	AS AND WHEN REQUIRED		

11. COLUMNS AND VITAMINS

NO	ITEM NAME/DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY REQUIRED	UNIT PRICE	REMARKS
1	5-HYDROXYMETHYLFURFURAL	5-HYDROXYMETHYLFURFURAL 50G	10MG	AS AND WHEN REQUIRED		
2	VITAMIN A	RETINYL PALMITATE 100G	100G	AS AND WHEN REQUIRED		
3	VITAMIN E	A-TOCOPHEROL 100G	100G	AS AND WHEN REQUIRED		
4	VITAMIN B1	THIAMINE HYDROCHLORIDE 1G	1G	AS AND WHEN REQUIRED		
5	VITAMIN B2	RIBOFLAVIN 1G	1G	AS AND WHEN REQUIRED		
6	VITAMIN B3	NIACINAMIDE 1G	1G	AS AND WHEN REQUIRED		
7	VITAMIN B6	PYRIDOXINE HYDROCHLORIDE 500MG	500MG	AS AND WHEN REQUIRED		
8	PATULIN	ANALYTICAL STANDARD	10MG	AS AND WHEN REQUIRED		
9	ACRYLAMIDE	ANALYTICAL STANDARD	10MG	AS AND WHEN REQUIRED		
10	VITAMIN D3	CHOLECALCIFEROL ANALYTICAL STANDARD	100MG	AS AND WHEN REQUIRED		
11	VITAMIN K	ANALYTICAL STANDARD	100MG	AS AND WHEN REQUIRED		
12	VITAMIN D2	ERGOCALCIFEROL ANALYTICAL STANDARD	100MG	AS AND WHEN REQUIRED		
13	AFLATOXIN MIXED STANDARD	MIX 4 SOLUTIONS, 2ML	PCS	AS AND WHEN REQUIRED		
14	HPLC COLUMNS C18	5UM*4.6*250MM	PCS	AS AND WHEN REQUIRED		
15	HPLC COLUMNS C18	3.5UM*2.1*150MM	PCS	AS AND WHEN REQUIRED		
16	HPLC COLUMNS C18	5UM*4.6*150MM	PCS	AS AND WHEN REQUIRED		
17	HPLC COLUMNS C18	2.1MM*150 MM, 1.8 µM	PCS	AS AND WHEN REQUIRED		
18	CARBOHYDRATE COLUMNS	5UM*4.6*250MM	PCS	AS AND WHEN REQUIRED		
19	CARBOHYDRATE COLUMNS	3.5UM*2.1*150MM	PCS	AS AND WHEN REQUIRED		
20	CARBOHYDRATE COLUMNS	5UM*4.6*150MM	PCS	AS AND WHEN REQUIRED		

12. GLASSWARE

NO.	ITEM DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY REQUIRED	UNIT PRICE	REMARKS
1	VOLUMETRIC FLASK, TYPE A BOROSILICATE	PCS	10ML	AS AND WHEN REQUIRED		
		PCS	25ML		..	
		PCS	50ML		..	
		PCS	100ML		..	
		PCS	200ML		..	
		PCS	250ML		..	
		PCS	500ML		..	
		PCS	1000ML		..	
		PCS	2000ML		..	
2	BEAKER, TYPE A BOROSILICATE	PCS	50ML	..		
		PCS	100ML	..		
		PCS	250ML	..		
		PCS	500ML	..		
		PCS	1000ML	..		
		PCS	2000ML	..		
3	PIPETTES, TYPE A BOROSILICATE ONE MARK BULB	PCS	10ML	..		
		PCS	20ML	..		
		PCS	25ML	..		
		PCS	50ML	..		
		PCS	100ML	..		
4	PIPETTES, TYPE A BOROSILICATE GRADUATED	PCS	10ML	..		
		PCS	25ML	..		
5	BURRETTES, TYPE A BOROSILICATE	PCS	10ML	..		
		PCS	25ML	..		
		PCS	50ML	..		
6	CONICAL FLASK, TYPE A BOROSILICATE	PCS	50ML	..		
		PCS	100ML	..		
		PCS	250ML	..		
		PCS	500ML	..		
		PCS	1000ML	..		
		PCS	2000ML	..		
7	MEASURING CYLINDER, TYPE A BOROSILICATE	PCS	50ML	..		
		PCS	100ML	..		
		PCS	200ML	..		
		PCS	500 ML	..		
		PCS	1000 ML	..		
8	MEASURING CYLINDER, PLASTIC	PCS	500ML	..		

		PCS	1000ML	”		
		PCS	50ML	”		
		PCS	100ML	”		
		PCS	200ML	”		
		PCS	500ML	”		
		PCS	1000ML	”		
				”		
9	VOLUMETRIC FLASK, PLASTIC	PCS	10ML	”		
		PCS	25ML	”		
		PCS	50ML	”		
		PCS	100ML	”		
		PCS	200ML	”		
		PCS	250ML	”		
		PCS	500ML	”		
		PCS	1000ML	”		
		PCS	2000ML	”		
				”		
10	BEAKER, PLASTIC	PCS	50ML	”		
		PCS	100ML	”		
		PCS	250ML	”		
		PCS	500ML	”		
		PCS	1000ML	”		
		PCS	200ML	”		
		PCS	2000ML	”		
				”		
11	BEAKER, STAINLESS STEEL WITH HANDLE	PCS	500ML	”		
				”		
12	VOLUMETRIC FLASK, AMBER TYPE A BOROSILICATE	PCS	10ML	”		
		PCS	25ML	”		
		PCS	50ML	”		
		PCS	100ML	”		
		PCS	200ML	”		
		PCS	250ML	”		
		PCS	500ML	”		
		PCS	1000ML	”		
		PCS	2000ML	”		
				”		
13	DESSICATOR GLASS	PCS	5800ML	”		
		PCS	2400ML	”		
				”		
14	PORCELEIN CRUCIBLES	PCS	50ML	”		
15	INFUSIL(FUSED SILICA) CRUCIBLES	PCS	50ML	”		
16	REFLUX CONDENSER 24/29	PCS		”		
17	VOLUMETRIC FLASK (AMBER)	PCS	10ML	”		
				”		
18	GAS-TIGHT GLASS SYRINGE	PCS	1ML	”		
		PCS	1.25ML	”		
		PCS	2.5ML	”		

		PCS	5ML	”		
19	AMBER VIALS	PCS	2ML	”		
20	DISTILLATION FLASK(P/N186744) DIANA 700 DISTILLER	PCS	125ML	”		
21	GRADUATED RECEIVING CYLINDER	PCS	100ML	”		
22	P4 ALUMINIUM CUPS	PCS	50ML	”		
23	PLATINUM CRUCIBLES	PCS	50ML	”		
24	BUTYROMETERS	PCS	10ML	”		
25	SOXHLET	PCS	100ML	”		
26		PCS	P3	”		
27	GOOCH CRUCIBLE	PCS	P4	”		
28	AUTOCLAVE BASKETS	PCS	STAINLESS STEEL	”		
29	AUTOCLAVE TAPE	ROLL	ROLL	”		
30	BACILLUS CAPSULES (VIALS)	VIAL	VIAL	”		
31	BEAKER (PLASTIC)	PCS	1000ML	”		
32	BEAKER (PLASTIC)	PCS	250ML	”		
33	BEAKER (PLASTIC)	PCS	500ML	”		
34	CAVITY GLASS SLIDES	PCS		”		
35	MEDIA/DILUENT DISPENSERS	PCS	10ML	”		
36	MEDIA/DILUENT DISPENSERS	PCS	25ML	”		
37	DROPPER BOTTLES	PCS		”		
38	FORCEPS	PCS	PIECE	”		
39	FUNNELS	PCS	PIECE	”		
40	GLASS RODS	PCS	PIECE	”		
41	GLASS SLIDES	PACK (100 SLIDES)	PACK (100 SLIDES)	”		
42	HYGRO-THERMO GRAPHS	PACK (100 GRAPHS)	PACK	”		
43	HYGRO-THERMO GRAPHS	PACK (100 GRAPHS)	100 GRAPHS	”		
44	LOOPS	PCS		”		
45	EPPENDORF TUBES	PCS	1.5ML	”		
46	PETRI DISHES	PCS	(140MM Ø)	”		
47	PETRI DISHES (90MM Ø) (DISPOSABLE)	PCS	500 PCS	”		
48	PIPETTE FILLERS	PCS	PIECE	”		
49	PIPETTE TIP HOLDERS	PCS	PIECE	”		
50	RUBBER TEATS	PCS	PIECE	”		
51	STOMACHER BAGS	100 BAGS	SMALL	”		
52	STOMACHER BAGS	100 BAGS	LARGE	”		
53	TEST TUBE HOLDERS		PIECE	”		
54	TEST TUBE RACKS	PCS	PIECE	”		
55	TEST TUBES	PCS	ASSORTED	”		
56	TRIPOD STANDS	PCS	PIECE	”		
57	TROLLEY	PCS	PIECE	”		
58	TST AUTOCLAVE STRIPES	PACK (100 STRIPES)	PACK (100 STRIPES)	”		
59	UNIVERSAL SAMPLE BOTTLES	PCS	1000ML	”		
60	UNIVERSAL SAMPLE BOTTLES	PCS	500ML	”		
61	UNIVERSAL SAMPLE BOTTLES	PCS	250ML	”		
62	UNIVERSAL BOTTLES	PCS	28ML	”		
63	3 LEGGED RUBBER STOPPERS	PCS	PIECE	”		
64	ALUMINIUM CRIMP CAPS	PCS	PIECE	”		

65	WIRE LOOP HOLDERS	PCS	PIECE	”		
66	WIRE-GAUZE	PCS	PIECE	”		
67	ENVIRO SWABS	PCS	PIECE	”		
68	COOLER BOX	PCS	20LTR	”		
69	P2 CRUCIBLES VELP	PCS	PIECE	”		
70	P4 CRUCIBLES	PCS	PIECE	”		
71	GLASS BOTTLE DISPENSORS		PCS	”		
72	BOTTLE TOP DISPENSORS	100ML	PCS	”		
73	BOTTLE TOP PIPETTE DISPENSORS	5ML	PCS	”		
74	BOTTLE TOP PIPETTE DISPENSORS	10ML	PCS	”		
75	BOTTLE TOP PIPETTE DISPENSORS	20ML	PCS	”		
76	BOTTLE TOP PIPETTE DISPENSORS	50ML	PCS	”		
77	GLASS BOTTLE TOP TILT PIPETTEDISPENSORS	1ML	PCS	”		
78	GLASS BOTTLE TOP TILT PIPETTEDISPENSORS	10ML	PCS	”		
79	MAGNETIC STIRRER BARS	40*8MM	PCS	”		
80	MAGNETIC STIRRER BARS	25*6MM	PCS	”		
81	MAGNETIC STIRRER BARS	42*8MM	PCS	”		
82	MAGETIC FISHER RODS		PCS	”		
83	DESSICATORS INNER DIAMETER OF 30MM		PCS	”		
84	DESSICATORS INNER DIAMETER OF 25MM		PCS	”		
85	DESSICATORS INNER DIAMETER OF 20MM		PCS	”		
86	MF QUICK FIT		PCS	”		
87	ADAPTORS 17/24		PCS	”		
88	ADAPTORS 24/29		PCS	”		
89	ADAPTORS 29/32		PCS	”		
90	REDUCERS 17/24		PCS	”		
91	REDUCERS 24/29		PCS	”		
92	REDUCERS 29/32		PCS	”		
93	AUTOMATIC PIPETTE FILLERS		PCS	”		
94	SIEVES		PCS	”		
95	AUTOMATIC BURETTES		PCS	”		
96	PYCNOMETER 25ML WITH THERMOMETER		PCS	”		
97	GLASS RODS		RODS 100M	”		
98	ACID WASH SAND		500G	”		
99	WIDE MOUTH ROUND BOTTOM FLASK 250ML		PCS	”		
100	GERBER BUTYROMETERS 70% WITH RUBBER CAPS AND KEY		PCS	”		
101	GERBER BUTYROMETERS 40%WITH RUBBER CAPS AND KEY		PCS	”		
102	GERBER BUTYROMETERS 8%WITH RUBBER CAPS AND KEY		PCS	”		
103	GERBER BUTYROMETERS 4%WITH RUBBER CAPS AND KEY		PCS	”		
104	VAN GULIK BUTYROMETERS 4%WITH REMOVABLE WEIGHIG CUP, TWO SEPERATE OPENINGS WITH RUBBER STOPPER AND KEY		PCS	”		
105	BURETTE STAND WITH ROD,CLAMP AND BOSS HEAD		PCS	”		
106	GERBER MILK PIPETTES 10.74ML		PCS	”		
107	GERBER AMYL ALCOHOL PIPETTE 1ML		PCS	”		
108	GERBER SULFURIC ACID PIPETTES 10ML		PCS	”		

109	BUTYROMETER STAND		PCS	”		
110	SEPARATING FUNNELS WITH PTFE TAP 250ML		PCS	”		
111	SEPARATING FUNNELS WITH PTFE TAP500ML		PCS	”		
112	SEPARATING FUNNELS WITH PTFE TAP1000ML		PCS	”		
113	LABAROTORY DOUBLE COILED CONDENSER	QUICK FIT 24/29	PCS	”		
114	LABAROTORY DOUBLE COILED CONDENSER	QUICK FIT 29/32	PCS	”		
115	LABAROTORY ALLIHN COILED CONDENSER	300 MM EFFECTIVE CONDESOR LENGTH, APPROXIMATELY 445MM TOTAL L, JOINT29/32	PCS	”		
116	PH METER ELECTRODE		PCS	”		
117	KJEDHAL FLASKS	750-800ML	PCS	”		
118	KJEDHAL CONDENSER BULBS		SET OF 6	”		
119	SINTERED CRUCIBLES POROSITY 4	50ML CAPACITY	PCS	”		
120	VAPODEST PH ELECTRODE		PCS	”		
121	GLASS FAT CUPS WITH METAL HOLDERS FOR THIMBLES	150ML	SET OF 6	”		
122	SULPHUR DIOXIDE BOILING FLASKS	500-700ML	PCS	”		
123	PYKNOMETER-2 FINGER	20- 50ML	PCS	”		
124	METAL SPATULA		PCS	”		
125	G2/P2 FIBER CRUCIBLES	HEIGHT 50-55MM, OUTER DIAMETER 40MM	PCS	”		
126	SULPHUR DIOXIE DISTILLATION SET UP	FULL SETUP	COMPLETE SET-UP	”		
127	UV-VIS SAMPLE CELLS (10MMX10MM)	>80% OPTICAL TRANSMISSION, QUARTZ	PCS	”		
128	DEAN AND STARK ENTRAINMENT METHOD GLASSWARE	FULL SETUP	SET	”		
129	SEPARATING FUNNEL, BOROSILICATE GLASS 3.3, PEAR-SHAPED, PTFE STOPCOCK, POLYETHYLENE STOPPER, CAPACITY 500 ML, ISO 4800 COMPLIANT, WITH GROUND JOINT 29/32	TO BE TESTED ON DELIVERY	PCS	”		
130	DURHAM TUBES	30MM *6 MM	PCS	”		
131	DESSICATOR	DIAMETER ≥300 MM,HIGH ≥450MM INCLUDING PORCELAIN PLATE 280MM DIAMETER	SET	”		
132	10ML CLEAR SERUM VIALS	A PACK OF 400	PACK	”		
133	RUBBER STOPPERS COCKS FOR THE 10ML SERUM VIALS	PACK OF 400	PACK	”		
134	20MM ALUMINIUM SEALS	PACK OF 400	PACK	”		
135	BEAKER FOR TAN TBN, CLASS A	125ML	PCS	”		
136	SEPARATING FUNNEL, BOROSILICATE GLASS 3.3, PEAR-SHAPED, PTFE STOPCOCK, POLYETHYLENE STOPPER, CAPACITY 1000 ML, ISO 4800 COMPLIANT, WITH GROUND JOINT 29/32	TO BE TESTED ON DELIVERY	PCS	”		
137	CONDENSER TUBE STOPPER	DIANA 700 #191097	PCS	”		
138	MULTIPLUG WITH METAL-PT100	DIANA 700 #237547	PCS	”		

139	DISTILATION FLASK2, 125ML GROUP 1-4)	DIANA 700 #186744	PCS	„		
140	RECEIVING CYLINDER2, 100ML, MAGNETIC BASE	DIANA 700 #195234	PCS	„		
141	DRIP PLATE 2	DIANA 700 #194531	PCS	„		
142	CONDENSER CLEANING TOOL	DIANA 700 #210173	PCS	„		

13. AMPOULES

NO.	ITEM NAME/DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY REQUIRED	UNIT PRICE	REMARKS
1	AMMONIUM THIOCYANATE 0.1N	AR	AMPOULE	AS AND WHEN REQUIRED		
2	HYDROCHLORIC ACID 0.1N	AR	AMPOULE	AS AND WHEN REQUIRED		
3	POTASSIUM PERMANGANATE (0.1N)	AR	AMPOULES	AS AND WHEN REQUIRED		
4	SILVER NITRATE 0.1N	AR	AMPOULE	AS AND WHEN REQUIRED		
5	SILVER NITRATE, 1N	AR	AMPOULES	AS AND WHEN REQUIRED		
6	SODIUM HYDROXIDE 0.1 N	AR	AMPOULE	AS AND WHEN REQUIRED		
7	SODIUM HYDROXIDE 1.0 N	AR	AMPOULE	AS AND WHEN REQUIRED		
8	SODIUM THIOSULPHATE 0.1N	AR	AMPOULE	AS AND WHEN REQUIRED		
9	SULPHURIC ACID 0.05N	AR	AMPOULE 100ML	AS AND WHEN REQUIRED		
10	SULPHURIC ACID 0.1N	AR	AMPOULE 100ML	AS AND WHEN REQUIRED		
12	SULPHURIC ACID 1.0 N	AR	AMPOULE 100ML	AS AND WHEN REQUIRED		

14. FILTRATION AND GENERAL APPLICATIONS

NO.	ITEM DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY REQUIRED	UNIT PRICE	REMARKS
1	GLASS INSERTS	FOR 1.5ML VIALS- WITH SPRINGS	PKT 100S	„		
2	LAB STANDARD TEST SIEVE (PORE SIZE-250MM)	ALUMINIUM 200MM FULL HEIGHT 63MM	PIECE	AS AND WHEN REQUIRED		
3	ABSORBENT COTTON WOOL	LARGE SIZE	ROLL	„		
4	ACID WASHED SAND	500G	PIECES	AS AND WHEN REQUIRED		
5	ACRYLIC RESIN PLATES (60MMX115MM)	ACRYLIC RESIN PLATES (60MMX115MM)	PIECES	AS AND WHEN REQUIRED		
6	AGILENT INFINITYLAB POROSHELL 120 HILIC-OH5, (OR EQUIVALENT)	2.1 X 100 MM, 2.7 µM	PIECE	AS AND WHEN REQUIRED		
7	AGILENT INFINITYLAB POROSHELL 120 HILIC-Z, (OR EQUIVALENT)	2.1 X 100 MM, 2.7 µM	PIECE	AS AND WHEN REQUIRED		
8	AGILENT POLARIS C18, (OR EQUIVALENT)	150 X 4.6 MM, 5 µM	PIECE	AS AND WHEN REQUIRED		
9	AGILENT PURSUIT C18, (OR EQUIVALENT)	150 X 4.6 MM, 5 µM	PIECE	AS AND WHEN REQUIRED		
10	AGILENT ZORBAX ECLIPSE PLUS C*, (OR EQUIVALENT)	250 X 4.6 MM, 5µM	PIECE	AS AND WHEN REQUIRED		
11	AGILENT ZORBAX ECLIPSE XDB C18 RRHT, (OR EQUIVALENT).	2.1 X 50 MM, 1.8 µM	PIECE	AS AND WHEN REQUIRED		
12	ALUMINIUM FOIL 45CM *90M	45*90M	ROLLS	AS AND WHEN REQUIRED		
13	ALUMINIUM LAB TEST SIEVE 200MM (PORE SIZE-150MM)	TEST SIEVE 200MM (PORE SIZE-150MM)	PIECE	AS AND WHEN REQUIRED		

14	ALUMINIUM LAB TEST SIEVE 200MM (PORE SIZE-200MM)	TEST SIEVE 200MM (PORE SIZE-200MM)	PIECE	AS AND WHEN REQUIRED		
15	ALUMINIUM LAB TEST SIEVE 200MM (PORE SIZE-75MM)	TEST SIEVE 200MM (PORE SIZE-75MM)	PIECE	AS AND WHEN REQUIRED		
16	ALUMINIUM LAB TEST SIEVE 200MM (PORE SIZE-250MM)	TEST SIEVE	PIECE	AS AND WHEN REQUIRED		
17	AUTO SAMPLER VIALS WITH CAPS	200MM (PORE SIZE-250MM)	PKT 100S	AS AND WHEN REQUIRED		
18	AUTO SAMPLER VIALS WITH CAPS	1.5ML PTFE CLEAR GLASS	PKT 100S	AS AND WHEN REQUIRED		
19	BLENDERS	STAINLESS STEEL FOR GRINDING CEREAL AND PULSES	PCS	AS AND WHEN REQUIRED		
20	BLOTTING PAPER 10X10 SHEETS	BLOTTING PAPER 10X10 SHEETS	PIECES	AS AND WHEN REQUIRED		
21	BLOTTING PAPER 152X230	BLOTTING PAPER 152X230	PIECES	AS AND WHEN REQUIRED		
22	BOD AMBER BOTTLES	500 ML	PIECES	AS AND WHEN REQUIRED		
23	BOD RUBBER SLEEVES	500ML ADAPTABLE	PIECES			
24	BOILING STONES 1-3MM	BOILING STONES 1-3MM	500G	AS AND WHEN REQUIRED		
25	BOROSILICATE GLASS TEST TUBE 13MMX 100MM	BOROSILICATE GLASS TEST TUBE	250PCS/PKT	AS AND WHEN REQUIRED		
26	BOTTLE TOP VACUUM FILTRATION UNIT	13MMX 100MM	PCS	AS AND WHEN REQUIRED		
27	BUBBLE WRAP 400MM X 300MM	BUBBLE WRAP 400MM X 300MM	PCS	AS AND WHEN REQUIRED		
28	BURRETTE A CLASS	10 ±0.02	PCS	AS AND WHEN REQUIRED		
29	BURSTING VERIFICATION FABRIC	BURSTING VERIFICATION FABRIC	PIECES	AS AND WHEN REQUIRED		
30	C18, (OR EQUIVALENT)	150 X 2.1 MM, 5 µM	PIECE	AS AND WHEN REQUIRED		
31	CELITE	500G	PIECES	AS AND WHEN REQUIRED		
32	CELLULOSE NITRANE MEBRANES 47MM, 8µ	100 FILTERS	PACK			
33	CENTRIFUGE TUBES WITH CAPS	15 ML STERILE	50 PCS/PKT	AS AND WHEN REQUIRED		
34	CENTRIFUGE TUBES WITH CAPS	50 ML STERILE	25 PCS/PKT	AS AND WHEN REQUIRED		
35	CET CELLULOSE EXTRACTION THIMBLES	33*80MM	PACK/25 UNITS	AS AND WHEN REQUIRED		
36	COMPETITIVE HILIC COLUMN, (OR EQUIVALENT)	2.1 X 100 MM, 2.7 µM	PIECE	AS AND WHEN REQUIRED		
37	COTTON TWILL (UNDYED) DRYCLEANING FABRIC	COTTON TWILL (UNDYED) DRYCLEANING FABRIC	PIECES	AS AND WHEN REQUIRED		
38	COTTON WOOL ABSORBENT-DEFATTED	COTTON WOOL ABSORBENT-DEFATTED	ROLL	AS AND WHEN REQUIRED		
39	COTTON WOOL NON-ABSORBENT	COTTON WOOL NON-ABSORBENT	ROLL	AS AND WHEN REQUIRED		
40	CROCKMETER ATTACHMENT CLIPS	CROCKMETER ATTACHMENT CLIPS	PIECES	AS AND WHEN REQUIRED		
41	CROCKMETER FINGER	CROCKMETER FINGER	PIECES	AS AND WHEN REQUIRED		
42	CROCKMETER VERIFICATION FABRIC	CROCKMETER VERIFICATION FABRIC	PIECES	AS AND WHEN REQUIRED		
43	CUTTING PADS FOR SAMPLE CUTTERS	CUTTING PADS FOR SAMPLE CUTTERS	PIECES	AS AND WHEN REQUIRED		
44	CYANO,(OR EQUIVALENT)	250 X 4.6 MM, 3 µM	PIECE	AS AND WHEN REQUIRED		
45	DIASTASE	AR	100G	AS AND WHEN REQUIRED		
46	DIOL, (OR EQUIVALENT)	150 X 2.1 MM, 5 µM	PIECE	AS AND WHEN REQUIRED		
47	DISPOSABLE DUST MASKS	PROTECTION AGAINST NON-TOXIC DUST, POLLEN, AND OTHER LIGHT AIRBORNE PARTICLES. LIGHTWEIGHT AND EASY TO BREATHE THROUGH,	50PCS/PKT	AS AND WHEN REQUIRED		
48	ECE DETERGENT WITH PHOSPHATES	ECE DETERGENT WITH PHOSPHATES	250G	AS AND WHEN REQUIRED		
49	EMERY PAPER FOR CROCKMETER	EMERY PAPER FOR CROCKMETER	PIECES	AS AND WHEN REQUIRED		
50	FELT FABRIC (WOVEN)	FELT FABRIC (WOVEN)	PIECES	AS AND WHEN REQUIRED		

51	FILTER FUNNELS PLASTIC	FILTER FUNNELS PLASTIC	PCS	AS AND WHEN REQUIRED		
52	FILTER PAPER F2141-185 DIAMETER	F2141-185 DIAMETER	50PCS/PKT	AS AND WHEN REQUIRED		
53	FILTER PAPERS 540:150MM (F2140}	540, 150MM	PACKET	AS AND WHEN REQUIRED		
54	FILTER PAPERS 541:150MM (F2141)	541,150MM	PACKET	AS AND WHEN REQUIRED		
55	FILTER PAPERS 542:150MM (F2142)	542,150MM	PACKET	AS AND WHEN REQUIRED		
56	FISHING ROD	12 INCHES	PIECES	AS AND WHEN REQUIRED		
57	GAS TIGHT SYRINGES, 1000 SERIES, 25ML	GAS TIGHT SYRINGES, 1000 SERIES, 25ML	PIECES	AS AND WHEN REQUIRED		
58	GAS TIGHT SYRINGES, 1ML	LTN SERIES,	PIECE	AS AND WHEN REQUIRED		
59	GAS TIGHT SYRINGES, LTN 9922/551MM,	GAS TIGHT SYRINGES, LTN 9922/551MM,	PIECES	AS AND WHEN REQUIRED		
60	GAS TIGHT SYRINGES, LTN SERIES,5ML	CLASS A	PIECES	AS AND WHEN REQUIRED		
61	GLASS MICROFIBRE FILTERS	GF/B 47MM	PACK 100S	AS AND WHEN REQUIRED		
62	GREEN FELT FOR CROCKMETER TESTING	GREEN FELT FOR CROCKMETER TESTING	PIECES	AS AND WHEN REQUIRED		
63	GREY SCALE FOR COLOUR CHANGE - ISO	ISO 105-A02	PIECES	AS AND WHEN REQUIRED		
64	GREY SCALE FOR STAINING CHANGE - ISO	ISO 105-A03	PIECES	AS AND WHEN REQUIRED		
65	HI-PLEX CA, (OR EQUIVALENT)	250 X 4.0	PIECE	AS AND WHEN REQUIRED		
66	HI-PLEX H, (OR EQUIVALENT)	250 X 7.7 MM	PIECE	AS AND WHEN REQUIRED		
67	HI-PLEX NA,(OR EQUIVALENT)	300 X 7.7 MM	PIECE	AS AND WHEN REQUIRED		
68	HPLC AUTOSAMPLER VIALS WITH CAPS (AMBER 1.5ML)	AMBER 1.5ML	1000PCS	AS AND WHEN REQUIRED		
69	HPLC AUTOSAMPLER VIALS WITH CAPS (AMBER 1.5ML) 100PC/PKT	HPLC AUTOSAMPLER VIALS WITH CAPS (AMBER 1.5ML) 100PC/PKT	PAK OF 100	AS AND WHEN REQUIRED		
70	HPLC AUTOSAMPLER VIALS WITH CAPS (CLEAR 1.5 ML)	CLEAR , 1.5 ML	1000PCS	AS AND WHEN REQUIRED		
71	HPLC AUTOSAMPLER VIALS WITH CAPS (CLEAR 1.5 ML)	HPLC AUTOSAMPLER VIALS WITH CAPS (CLEAR 1.5 ML)	1000PCS	AS AND WHEN REQUIRED		
72	INDUSTRIAL REFERENCE DETERGENT WITHOUT OPTICAL BRIGHTENER	INDUSTRIAL REFERENCE DETERGENT WITHOUT OPTICAL BRIGHTENER	250G	AS AND WHEN REQUIRED		
73	ION SELECTIVE PROBE	THERMO SCIENTIFIC	PCS	AS AND WHEN REQUIRED		
74	ISO BLUE WOOL STANDARD PACK 1-8	ISO BLUE WOOL STANDARD PACK 1-8	PIECES	AS AND WHEN REQUIRED		
75	ISO CROCKING CLOTH	ISO CROCKING CLOTH	PIECES	AS AND WHEN REQUIRED		
76	JENWAY PH PROBE CATALOGUE NO: 99960-35(924005)	JENWAY PH PROBE CATALOGUE NO: 99960-35(924005)	PCS	AS AND WHEN REQUIRED		
77	KETTLE HEATER	STAINLESS STEEL- 5L	PCS			
78	LAB STANDARD TEST SIEVE (PORE SIZE-200MM)	ALUMINIUM 200MM FULL HEIGHT 63MM	PIECE	AS AND WHEN REQUIRED		
79	LAB STANDARD TEST SIEVE (PORE SIZE-150MM)	ALUMINIUM 200MM FULL HEIGHT 63MM	PIECE	AS AND WHEN REQUIRED		
80	LAB STANDARD TEST SIEVE (PORE SIZE-75MM)	ALUMINIUM 200MM FULL HEIGHT 63MM	PIECE	AS AND WHEN REQUIRED		
81	LABORATORY BALL MILL	5 KG CAPACITY	PCS	AS AND WHEN REQUIRED		
82	LABORATORY SPATULAS	ASSORTED SIZES	PCS	AS AND WHEN REQUIRED		
83	LINT- FREE WIPES	LINT- FREE WIPES	BOX	AS AND WHEN REQUIRED		
84	MEMBRANE FILTER PAPERS 0.22MM	47MM DIAMETER	PACK	AS AND WHEN REQUIRED		
85	MEMBRANE FILTER PAPERS 0.45MM	47MM DIAMETER	PKT	AS AND WHEN REQUIRED		
86	MEMBRANE FILTERS 0.8MM	47MM DIAMETER	PACK	AS AND WHEN REQUIRED		

87	MEMBRANE FILTERS 53MM 100PC/PKT	MEMBRANE FILTERS 53MM 100PC/PKT	PKT	AS AND WHEN REQUIRED		
88	MEMBRANE FILTERS 53MM 100PC/PKT	MEMBRANE FILTERS 53MM 100PC/PKT	PKT	AS AND WHEN REQUIRED		
89	MEMBRANE FILTERS 8MM	47MM DIAMETER	PACK	AS AND WHEN REQUIRED		
90	MEMBRANE FILTERS, 0.22µ	100 FILTERS	100 FILTERS			
91	MEMBRANE FILTERS, 0.45µ	100 FILTERS	100 FILTERS			
92	MICROPIPETTE TIPS 20-100 UL)	MICROPIPETTE TIPS 20-100 UL)	PKT 100S	AS AND WHEN REQUIRED		
93	MICROPIPETTE TIPS (0.5-10 UL)	MICROPIPETTE TIPS (0.5-10 UL)	PKT 100S	AS AND WHEN REQUIRED		
94	MICROPIPETTE TIPS (100-1000 UL)	MICROPIPETTE TIPS (100-1000 UL)	PKT 100S	AS AND WHEN REQUIRED		
95	MICROPIPETTE TIPS (100-1000 UL)	MICROPIPETTE TIPS (100-1000 UL)	PKT 100S	AS AND WHEN REQUIRED		
96	MICROPIPETTE TIPS (10-100 UL)	MICROPIPETTE TIPS (10-100 UL)	PKT 100S	AS AND WHEN REQUIRED		
97	MICROPIPETTE TIPS (10-100 UL)	MICROPIPETTE TIPS (10-100 UL)	PKT 100S	AS AND WHEN REQUIRED		
98	MICROPIPETTE TIPS (5-10ML)	MICROPIPETTE TIPS (5-10ML)	PKT 100S	AS AND WHEN REQUIRED		
99	MICROSPATULA	STAINLESS STEEL	PIECE	AS AND WHEN REQUIRED		
100	MULTIFIBRE ADJACENT FABRIC-ISO DW	ISO 105-A01	PIECES	AS AND WHEN REQUIRED		
101	MULTIFIBRE ADJACENT FABRIC-ISO TV	ISO 105-A01	PIECES	AS AND WHEN REQUIRED		
102	NEEDLES SEWING MACHINE	NEEDLES SEWING MACHINE	PIECES	AS AND WHEN REQUIRED		
103	NITRILE GLOVES (LARGE,)	LARGE,	PKTS	AS AND WHEN REQUIRED		
104	NITRILE GLOVES (XL)	NITRILE GLOVES (XL)	PKT	AS AND WHEN REQUIRED		
105	NITRILE GLOVES MEDIUM	MEDIUM	PKTS	AS AND WHEN REQUIRED		
106	NYLON SYRINGE FILTERS	NYLON SYRINGE FILTERS (0.2µM)	100PCS/PKT	AS AND WHEN REQUIRED		
107	OXITOP INDUCTIVE STIRRING SYSTEM	12 BOD BOTTLE HOLDER HOLDER	PCS	AS AND WHEN REQUIRED		
108	OXITOP RESPIRATORIES	OXITOP RESPIRATORIES	PCS	AS AND WHEN REQUIRED		
109	PACKING PEANUTS 3 CUBIC FEET	PACKING PEANUTS 3 CUBIC FEET	PCS	AS AND WHEN REQUIRED		
110	PAPER TOWELS (ABSORBENT) STRONG	PAPER TOWELS (ABSORBENT) STRONG	ROLLS	AS AND WHEN REQUIRED		
111	PAPER TOWELS (ABSORBENT) STRONG	2 PLY, LENGTH 150M MINMUM COMPLIANT WITH KS2567	ROLLS	AS AND WHEN REQUIRED		
112	PASTEUR PIPETTES	BOX (1000 TIPS)	BOX			
113	PASTEUR PIPETTORS 1000ML	EPPENDORF	PCS	AS AND WHEN REQUIRED		
114	PASTEUR PIPETTORS 100ML	EPPENDORF	PCS	AS AND WHEN REQUIRED		
115	PASTEUR PIPETTORS 10ML	EPPENDORF	PCS	AS AND WHEN REQUIRED		
116	PH METER PROBE	COMPARTIBLE WITH JENWAY 3540	PCS	AS AND WHEN REQUIRED		
117	PIPETTE TIPS (1 ML)	PIPETTE TIPS (1 ML)-PLASTIC	500PCS	AS AND WHEN REQUIRED		
118	PIPETTE TIPS (100 UL)	PIPETTE TIPS (100 UL)- PLASTIC	500PCS	AS AND WHEN REQUIRED		
119	PIPETTE TIPS (1000ML)	BOX (1000 TIPS)	1000 TIPS	AS AND WHEN REQUIRED		
120	PIPETTE TIPS (100ML)	PIPETTE TIPS (100ML)- PLASTIC	1000 TIPS	AS AND WHEN REQUIRED		
121	PIPETTE TIPS (10ML)	PIPETTE TIPS (10ML)- PLASTIC	BOX	AS AND WHEN REQUIRED		
122	PIPETTOR TIPS 1000ML	EPPENDORF	BOX (1000PCS)	AS AND WHEN REQUIRED		
123	PIPETTOR TIPS 100ML	EPPENDORF	BOX (1000PCS)	AS AND WHEN REQUIRED		
124	PIPETTOR TIPS 10ML	EPPENDORF	BOX (1000PCS)	AS AND WHEN REQUIRED		
125	PIPETTE FILLERS	3-WAY RUBBER	PCS	AS AND WHEN REQUIRED		
126	PLASTIC HYPODERMIC SYRINGES (5ML CAPACITY)	5ML CAPACITY	200PCS/PKT	AS AND WHEN REQUIRED		
127	PLASTIC SAMPLING BOTTLES 250 ML WITH CAPS	250ML	PCS	AS AND WHEN REQUIRED		
128	PLRP-S, 100 Å (OR EQUIVALENT)	50 X 4.6 MM, 3 µM	PIECE	AS AND WHEN REQUIRED		
129	PM KIT FULL SER158	40002960	SET	AS AND WHEN REQUIRED		
130	PM KIT REGULAR (UDK 139)	40002938	SET	AS AND WHEN REQUIRED		

131	PNEUMATIC BURSTING STRENGTH DIAPHRAGMS	PNEUMATIC BURSTING STRENGTH DIAPHRAGMS	PIECES	AS AND WHEN REQUIRED		
132	POLICEMAN	6 INCHES	PIECES	AS AND WHEN REQUIRED		
133	PTFE SYRINGE FILTERS 0.22 MICRON	25MM	100PCS/PKT	AS AND WHEN REQUIRED		
134	PTFE SYRINGE FILTERS 0.45 MICRON	25MM	100PCS/PKT	AS AND WHEN REQUIRED		
135	PUMICE POWDER	500G	PIECES	AS AND WHEN REQUIRED		
136	PVDF MEMBRANE FILTERS,	HYDROPHILIC, 0.22 µM PORE SIZE, >1 ML/MIN-CM2 WATER FLOW RATE, 2 L/MIN-CM2 AIR FLOW RATE, FILTER DIAMETER 47 MM, THICKNESS 125 µM	100PCS/PKT	AS AND WHEN REQUIRED		
137	PVDF SYRINGE FILTERS 0.22MM 100PC/PKT	PVDF SYRINGE FILTERS 0.22MM 100PC/PKT	100PCS/PKT	AS AND WHEN REQUIRED		
138	PVDF SYRINGE FILTERS 0.45MM 100PC/PKT	PVDF SYRINGE FILTERS 0.45MM 100PC/PKT	100PCS/PKT	AS AND WHEN REQUIRED		
139	PYKNOMETER (25ML) WITH A QUICKFIT THERMOMETER 30DEGREES	25MLS	PCS	AS AND WHEN REQUIRED		
140	REPLACEMENT BATTERIES FOR 10KVA APC UPS	REPLACEMENT BATTERIES FOR 10KVA APC UPS	REPLACEMENT BATTERIES FOR 10KVA APC UPS	AS AND WHEN REQUIRED		
141	REUSABLE SYRINGES STRERILE NON TOXIC	REUSABLE SYRINGES STRERILE NON TOXIC	100PCS/PKT	AS AND WHEN REQUIRED		
142	RIB COLUMN: (OR EQUIVALENT)	C18, 150 X 4.6 MM, 5 µM	PIECE	AS AND WHEN REQUIRED		
143	RUBBER CEMENT	RUBBER CEMENT	PIECES	AS AND WHEN REQUIRED		
144	SCISSORS	PCS	LARGE			
145	SCISSORS	PCS	SMALL			
146	SEWING THREAD 40S/2	SEWING THREAD 40S/2	PIECES	AS AND WHEN REQUIRED		
147	STAINLESS STEEL BALLS	STAINLESS STEEL BALLS	PIECES	AS AND WHEN REQUIRED		
148	STAINLESS STEEL DISCS	STAINLESS STEEL DISCS	PIECES	AS AND WHEN REQUIRED		
149	STAINLESS STEEL PANEL 125MMX 63MMX 1.5MM	STAINLESS STEEL PANEL 125MMX 63MMX 1.5MM	PIECE	AS AND WHEN REQUIRED		
150	STAINLESS STEEL PANEL 125MMX 63MMX 1.5MM	STAINLESS STEEL PANEL 125MMX 63MMX 1.5MM	PCS	AS AND WHEN REQUIRED		
151	STANDARD BACKING FOAM	STANDARD BACKING FOAM	PIECES	AS AND WHEN REQUIRED		
152	STANDARD SOAP	STANDARD SOAP	250G	AS AND WHEN REQUIRED		
153	SURGICAL GLOVES	SURGICAL GLOVES	100PCS/PKT	AS AND WHEN REQUIRED		
154	SYRINGE (5-10ML)	SYRINGE (5-10ML)	PKT	AS AND WHEN REQUIRED		
155	SYRINGE FILTERS (NYLON MEMBRANE, 4.5µ, 2 INCH DIAMETER)	NYLON MEMBRANE, 0.45µM, 2 INCH DIAMETER)	100PCS/PKT	AS AND WHEN REQUIRED		
156	TECHNICAL BLADES FOR SAMPLE CUTTERS	TECHNICAL BLADES FOR SAMPLE CUTTERS	PIECES	AS AND WHEN REQUIRED		
157	TETRA-ACETYLETHYLENE DIAMINE (TAED)	AR	250G	AS AND WHEN REQUIRED		
158	VIAL INSERTS - PLASTIC(FOR 1.5ML VIALS, SPRING BOTTOM)	VIAL INSERTS - PLASTIC(FOR 1.5ML VIALS, SPRING BOTTOM)	50PCS/PKT	AS AND WHEN REQUIRED		
159	WASH BOTTLE 500ML PLASTIC	WASH BOTTLE 500ML PLASTIC	PIECES	AS AND WHEN REQUIRED		
160	WATER JET PUMP	ULTIMATE VACUUM: APPROX 16 MBAR (AT 12 °C WATER TEMPERATURE) OR APPROX 24 MBAR (AT 20 °C).SUCTION	PIECE	AS AND WHEN REQUIRED		

		CAPACITY: APPROXIMATELY 400 TO 450 LITERS OF AIR PER HOUR AT 3.5 BAR FLOW PRESSURE.				
161	WHATMAN GF/A GLASS-FIBRE	WHATMAN GF/A GLASS-FIBRE	PKT	AS AND WHEN REQUIRED		
162	WHATMAN GF/A GLASS-FIBRE	WHATMAN GF/A GLASS-FIBRE	PKT	AS AND WHEN REQUIRED		
163	WOOL ABRADANT FABRIC	WOOL ABRADANT FABRIC	PIECES	AS AND WHEN REQUIRED		
164	XRF MYLAR FILM	XRF MYLAR FILM	PCS/ROLL	AS AND WHEN REQUIRED		
165	XRF SAMPLE CUPS	XRF SAMPLE CUPS	1000PCS/ PKT	AS AND WHEN REQUIRED		

15. SAMPLE PREPARATION ITEMS

NO.	ITEM DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY REQUIRED	UNIT PRICE	REMARKS
1	AGILENT QUECHERS EXTRACTION KIT, EN 15662 METHOD,	50/PK PART NO. 5982-5650	50/PK	AS AND WHEN REQUIRED		
2	QUECHERS DISPERSIVE KIT, GENERAL FRUITS AND VEGETABLES, EN METHOD, 15 ML,	50/PK.PART NO. 5982-5056	50/PK	AS AND WHEN REQUIRED		
3	QUECHERS DISPERSIVE KIT, PIGMENTED FRUITS AND VEGETABLES, EN METHOD, 15 ML,	50/PK. PART NO. 5982-5256	50/PK	AS AND WHEN REQUIRED		
4	QUECHERS DISPERSIVE KIT, FRUITS AND VEGETABLES WITH FATS AND WAXES, EN METHOD, 15 ML,	50/PK. PART NO. 5982-5156	50/PK	AS AND WHEN REQUIRED		
5	QUECHERS DISPERSIVE KIT, HIGHLY PIGMENTED FRUITS AND VEGETABLES, EN METHOD, 15 ML,	50/PK. PART NO. 5982-5356	50/PK	AS AND WHEN REQUIRED		
6	QUECHERS DISPERSIVE KIT, DRUG RESIDUES IN MEAT, AOAC METHOD, 15 ML, 50/PK.	50/PK. PART NO. 5982-5357	50/PK	AS AND WHEN REQUIRED		
7	QUECHERS DISPERSIVE KIT, VET DRUG IN FOOD, AOAC METHOD, 15 ML, 50/PK.	PART NUMBER:5982-4950	50/PK	AS AND WHEN REQUIRED		
8	AGILENT QUECHERS EXTRACTION KIT, VETERINARY DRUGS, 50/PK	PART NUMBER:5982-0032	50/PK	AS AND WHEN REQUIRED		
9	AGILENT CAPTIVA EMR—LIPID CARTRIDGE, 3 ML, 300 MG	(PART NUMBER 5190-1003)	50/PK	AS AND WHEN REQUIRED		

16. PROTECTIVE AND CLEANING

NO.	ITEM DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY REQUIRED	UNIT PRICE	REMARKS
1	MULTIPURPOSE LIQUID DETERGENT	20L	20L	AS AND WHEN REQUIRED		
2	RUBBER GLOVES	S, M, L	PAIRS	AS AND WHEN REQUIRED		
3	BLEACH	20L	750ML PACK	AS AND WHEN REQUIRED		
4	BAR SOAP	1KG	PIECES	AS AND WHEN REQUIRED		
5	HAND TOWEL	STANDARD SIZE	PIECES	AS AND WHEN REQUIRED		
6	MOP	LONG HANDLE	PIECES	AS AND WHEN REQUIRED		
7	MOP HEAD	HEAVY DUTY	PIECES	AS AND WHEN REQUIRED		
8	PETROLEUM JELLY	200G	PIECES	AS AND WHEN REQUIRED		
9	INSECTICIDE	100ML	PIECES	AS AND WHEN REQUIRED		

10	AIR FRESHENER	100ML	PIECES	AS AND WHEN REQUIRED		
11	WASH CLOTHS	STD SIZE	PIECES	AS AND WHEN REQUIRED		
12	LEATHER GLOVES	S, M, L	PAIRS	AS AND WHEN REQUIRED		
13	RUBBER GLOVES	S, M, L	PAIRS	AS AND WHEN REQUIRED		
14	GAS MASK	ORGANIC FITRATION CAPACITY	PIECES	AS AND WHEN REQUIRED		
15	GOGGLES	PLASTIC	PAIRS	AS AND WHEN REQUIRED		
16	AIR-PURIFYING RESPIRATOR (APR)	P100 = $\geq 99.97\%$ PARTICULATE FILTRATION/ NIOSH APPROVED	FULL SET	AS AND WHEN REQUIRED		



FORM OF TENDER SECURITY-[Option 1–Demand Bank Guarantee]

Beneficiary: _____ **Request for Tenders**
No: _____ **Date:** _____ **TENDER**
GUARANTEE No.: _____
Guarantor: _____

1. We have been informed that _____ (here inafter called "the Applicant") has submitted or will submit to the Beneficiary its Tender (here inafter called" the Tender") for the execution of _____ under Request for Tenders No. _____ ("the ITT").
2. Furthermore, we understand that, according to the Beneficiary's conditions, Tenders must be supported by a Tender guarantee.
3. At the request of the Applicant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of _____ (_____) upon receipt by us of the Beneficiary's complying demand, supported by the Beneficiary's statement, whether in the demand itself or a separate signed document accompanying or identifying the demand, stating that either the Applicant:
 - (a) has withdrawn its Tender during the period of Tender validity set forth in the Applicant's Letter of Tender ("the Tender Validity Period"), or any extension thereto provided by the Applicant; or
 - b) having been notified of the acceptance of its Tender by the Beneficiary during the Tender Validity Period or any extension there to provided by the Applicant, (i) has failed to execute the contract agreement, or (ii) has failed to furnish the Performance.
4. This guarantee will expire: (a) if the Applicant is the successful Tenderer, upon our receipt of copies of the contract agreement signed by the Applicant and the Performance Security and, or (b) if the Applicant is not the successful Tenderer, upon the earlier of (i) our receipt of a copy of the Beneficiary's notification to the Applicant of the results of the Tendering process; or (ii) thirty days after the end of the Tender Validity Period.
5. Consequently, any demand for payment under this guarantee must be received by us at the office indicated above on or before that date.

[signature(s)]

Note: All italicized text is for use in preparing this form and shall be deleted from the final product.



FORM OF TENDER-SECURING DECLARATION

[The Bidder shall complete this Form in accordance with the instructions indicated]

Date:*[insert date (as day, month and year) of Tender Submission]*

Tender No.: *[Insert number of tendering process]*

To:*[insert complete name of*

Purchaser] I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Tender-Securing Declaration.
2. I/We accept that I/we will automatically be suspended from being eligible for tendering in any contract with the Purchaser for the period of time of*[insert number of months or years]* starting on*[insert date]*, if we are in breach of our obligation(s) under the bid conditions, because we – (a) have withdrawn our tender during the period of tender validity specified by us in the Tendering Data Sheet; or (b) having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the instructions to tenders.
3. I/We understand that this Tender Securing Declaration shall expire if we are not the successful Tenderer(s), upon the earlier of:
 - a) our receipt of a copy of your notification of the name of the successful Tenderer; or
 - b) thirty days after the expiration of our Tender.
4. I/We understand that if I am/we are/in a Joint Venture, the Tender Securing Declaration must be in the name of the Joint Venture that submits the bid, and the Joint Venture has not been legally constituted at the time of bidding, the Tender Securing Declaration shall be in the names of all future partners as named in the letter of intent.

Signed:.....

Capacity / title (director or partner or sole proprietor, etc.)
.....

Name:

Duly authorized to sign the bid for and on behalf of.....*[insert complete name of*

Tenderer]. Dated on day of.....*[Insert date of signing]*.

Seal or stamp.



MANUFACTURER’S AUTHORIZATION FORM

[The tenderer shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The tenderer shall include it in its Tender, if so indicated in the TDS.]

Date:*[insert date (as day, month and year) of Tender submission]*

ITT No.:*[insert number of ITT*

process] Alternative No. [insert identification No if this is a Tender for an alternative]

To *[Insert complete name of Procuring Entity]* WHEREAS

We..... *[insert complete name of Manufacturer]*, who are official manufacturers of..... *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of tenderer]* to submit a Tender the purpose of which is to provide the following Goods, manufactured by us..... *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 28 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed.....*[Insert signature(s) of authorized representative(s) of the Manufacturer]*

Name:.....*[Insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title:..... *[Insert title]*

Dated on _____ day of _____, _____ *[insert date of signing]*



PART 2: SUPPLY REQUIREMENTS



Section V - Schedule of Requirements

List of Goods and Delivery Schedule

1. ORGANIC SOLVENTS

NO	ITEM NAME/DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY REQUIRED
1	LC-MS METHANOL	LC-MS GRADE	2.5L	AS AND WHEN REQUIRED
2	LC-MS WATER	LC-MS GRADE	2.5L	AS AND WHEN REQUIRED
3	1- PROPANOL 99.9 % PURE	AR	2.5L	AS AND WHEN REQUIRED
4	1,1,2 TRICHLOROETHANE	AR	2.5L	AS AND WHEN REQUIRED
5	1,4 DIOXAN AR	AR	2.5L	AS AND WHEN REQUIRED
6	1,4 DIOXAN HPLC GRADE	AR	2.5L	AS AND WHEN REQUIRED
7	1-NAPHTHOL	AR	2.5L	AS AND WHEN REQUIRED
8	1-PROPANOL LCMS GRADE	AR	2.5L	AS AND WHEN REQUIRED
9	2,2,4-TRIMETHYL PENTANE	AR	2.5L	AS AND WHEN REQUIRED
10	2-BUTOXYETHANOL AR	AR	2.5L	AS AND WHEN REQUIRED
11	2-MERCAPTOETHANOL	AR	1L	AS AND WHEN REQUIRED
12	2-METHOXYETHANOL	AR	2.5L	AS AND WHEN REQUIRED
13	2-METHY 1 1-BUTANOL 97.5%	AR	2.5L	AS AND WHEN REQUIRED
14	2-METHYLBUTAN-1-OL (2-METHYL-1-BUTANOL)	AR	2.5L	AS AND WHEN REQUIRED
15	2-OCTANOL	AR	2.5L	AS AND WHEN REQUIRED
16	2-PROPANOL	AR	2.5L	AS AND WHEN REQUIRED
17	2-PROPANOL (PROPAN-2-OL)	AR	2.5L	AS AND WHEN REQUIRED
18	4-METHYLPENTAN-2-OL	AR	2.5L	AS AND WHEN REQUIRED
19	ABSOLUTE ETHANOL 99.9%	AR	2.5L	AS AND WHEN REQUIRED
20	ACETALDEHYDE 99.9% PURE HPLC GRADE	HPLC GRADE	2.5L	AS AND WHEN REQUIRED
21	ACETALDEHYDE 99.99%	AR	2.5L	AS AND WHEN REQUIRED
22	ACETIC ACID	LC MS GRADE	1 L	AS AND WHEN REQUIRED
23	ACETIC ACID 99.9%- GLACIAL	AR	2.5L	AS AND WHEN REQUIRED
24	ACETIC ANHYDRIDE	AR	2.5L	AS AND WHEN REQUIRED
25	ACETONE AR	AR	2.5L	AS AND WHEN REQUIRED
26	ACETONE HPLC GRADE	AR	2.5L	AS AND WHEN REQUIRED
27	ACETONITRILE AR	AR	2.5L	AS AND WHEN REQUIRED
28	ACETONITRILE HPLC GRADE	LC-GRADE	2.5L	AS AND WHEN REQUIRED
29	ACETONITRILE LCMS GRADE	LC-MS GRADE	2.5L	AS AND WHEN REQUIRED
30	ACETOPHENONE	AR	2.5L	AS AND WHEN REQUIRED
31	ACETYL CHLORIDE	AR	2.5L	AS AND WHEN REQUIRED
32	AMINO BENZOIC ACID AR	AR	100 G	AS AND WHEN REQUIRED
33	AMMONIUM ACETATE LCMS GRADE	LC-MS GRADE	100G	AS AND WHEN REQUIRED
34	AMMONIUM ACETATE	LC/MS GRADE	100 G	AS AND WHEN REQUIRED



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35	AMMONIUM FORMATE	ELUENT ADDITIVE FOR LC-MS, ≥99.0%	100 G	AS AND WHEN REQUIRED
36	AMMONIUM HYDROXIDE SOLUTION	PURISS., 30-33% NH ₃ IN H ₂ O	2.5 L	AS AND WHEN REQUIRED
37	AMYL ACETATE	AR	2.5L	AS AND WHEN REQUIRED
38	AMYL ALCOHOL	AR	1 L	AS AND WHEN REQUIRED
39	AMYL ALCOHOL 99.9% PURE HPLC GRADE	99.9% PURE HPLC GRADE	2.5L	AS AND WHEN REQUIRED
40	BENZENE AR	AR	2.5L	AS AND WHEN REQUIRED
41	BENZOIC ACID	AR	250G	AS AND WHEN REQUIRED
42	BENZONITRILE	AR	2.5L	AS AND WHEN REQUIRED
43	BUTANOL AR	AR	2.5L	AS AND WHEN REQUIRED
44	CARBON DISULPHIDE	AR	2.5L	AS AND WHEN REQUIRED
45	CARBON TETRACHLORIDE AR	AR	2.5L	AS AND WHEN REQUIRED
46	CHLOROBENZENE 2.5L	AR		AS AND WHEN REQUIRED
47	CHLOROBENZENE AR	AR	2.5L	AS AND WHEN REQUIRED
48	CHLOROFORM	AR	2.5L	AS AND WHEN REQUIRED
49	CHLOROFORM AR (TRICHLOROMETHANE)	AR	2.5L	AS AND WHEN REQUIRED
50	CHLOROFORM FOR ANALYSIS 99.8%	AR	2.5L	AS AND WHEN REQUIRED
51	CHLOROFORM HPLC GRADE	HPLC-MS GRADE	2.5L	AS AND WHEN REQUIRED
52	CYCLOHEXANE AR	AR	2.5L	AS AND WHEN REQUIRED
53	DICHLOROMETHANE	AR	2.5L	AS AND WHEN REQUIRED
54	DICHLOROMETHANE	FOR LIQUID CHROMATOGRAPHY	2.5 L	AS AND WHEN REQUIRED
55	DICHLOROMETHANE AR 99%	99.9% PURE HPLC GRADE	2.5L	AS AND WHEN REQUIRED
56	DIETHYL ETHER	AR	2.5L	AS AND WHEN REQUIRED
57	DIETHYLANILINE	AR	1L	AS AND WHEN REQUIRED
58	DIMETHYL FORMAMIDE	AR	2.5L	AS AND WHEN REQUIRED
59	DIMETHYLAMINE	AR	1L	AS AND WHEN REQUIRED
60	DIMETHYLFORMAMIDE	AR	2.5L	AS AND WHEN REQUIRED
61	ETHANOL	AR > 99.5%	2.5L	AS AND WHEN REQUIRED
62	ETHANOL 96%	AR	2.5L	AS AND WHEN REQUIRED
63	ETHANOL ABSOLUTE 99.9% PURE HPLC GRADE	99.9% PURE HPLC GRADE	2.5L	AS AND WHEN REQUIRED
64	ETHYL ACETATE 99.95%	99% PURITY	2.5L	AS AND WHEN REQUIRED
65	ETHYL ACETATE AR	AR	2.5L	AS AND WHEN REQUIRED
66	ETHYL GLYCEROL	AR	2.5L	AS AND WHEN REQUIRED
67	ETHYL METHYL KETONE	AR	2.5L	AS AND WHEN REQUIRED
68	ETHYLBENZENE	AR	2.5L	AS AND WHEN REQUIRED
69	ETHYLENE GLYCOL	AR	2.5L	AS AND WHEN REQUIRED
70	FORMALDEHYDE	AR	1L	AS AND WHEN REQUIRED
71	FORMALDEHYDE	AR	2.5L	AS AND WHEN REQUIRED
72	FORMIC ACID	AR	2.5L	AS AND WHEN REQUIRED
73	FORMIC ACID LCMS GRADE	AR	2.5L	AS AND WHEN REQUIRED
74	FORMIC ACID LCMS GRADE	LC-MS GRADE	1L	AS AND WHEN REQUIRED
75	FURFURAL, AR	AR	2.5L	AS AND WHEN REQUIRED
76	GLYCERINE PURIFIED	AR	2.5L	AS AND WHEN REQUIRED
77	GLYCEROL	AR	2.5L	AS AND WHEN REQUIRED



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78	GLYCEROL	AR	2.5L	AS AND WHEN REQUIRED
79	GLYCEROL 99.9%	AR	2.5L	AS AND WHEN REQUIRED
80	HEPTANE 99.9%	AR	2.5L	AS AND WHEN REQUIRED
81	HEXANE HPLC GRADE	99.9% PURE HPLC GRADE	2.5L	AS AND WHEN REQUIRED
82	HEXANE HPLC GRADE	AR	2.5L	AS AND WHEN REQUIRED
83	HEXANES	FOR LIQUID CHROMATROGRAPHY	2.5 L	AS AND WHEN REQUIRED
84	HPLC GRADE WATER	LC-MS GRADE	2.5L	AS AND WHEN REQUIRED
85	HPLC GRADE WATER	HPLC GRADE	2.5L	AS AND WHEN REQUIRED
86	HYDROCHLORIC ACID (CONCENTRATED)	AR	2.5L	AS AND WHEN REQUIRED
87	HYDROFLUORIC ACID AR	AR	2.5L	AS AND WHEN REQUIRED
88	ISO OCTANE, HPLC GRADE	HPLC GRADE	2.5L	AS AND WHEN REQUIRED
89	ISOAMYL ALCOHOL	LC-MS GRADE	2.5L	AS AND WHEN REQUIRED
90	ISOAMYL ALCOHOL 98%	AR	2.5L	AS AND WHEN REQUIRED
91	ISOBUTYL ALCOHOL	AR	2.5L	AS AND WHEN REQUIRED
92	ISOOCTANE	AR	2.5L	AS AND WHEN REQUIRED
93	ISOPROPANOL	LC MS GRADE	1 L	AS AND WHEN REQUIRED
94	ISOPROPANOL AR	AR	2.5L	AS AND WHEN REQUIRED
95	ISOPROPANOL HPLC	HPLC GRADE	2.5L	AS AND WHEN REQUIRED
96	ISOPROPANOL LC-MS	LC MS GRADE	1 LITRE	AS AND WHEN REQUIRED
97	ISOPROPANOL LC-MS GRADE	AR	2.5L	AS AND WHEN REQUIRED
98	ISOPROPYL ALCOHOL (IPA)	LC-MS GRADE	1 L	AS AND WHEN REQUIRED
99	ISOPROPYL ALCOHOL 99.5%	AR	2.5L	AS AND WHEN REQUIRED
100	KEROSENE	GENERAL PURPOSE		AS AND WHEN REQUIRED
101	LACTIC ACID AR	AR	2.5L	AS AND WHEN REQUIRED
102	LYSOL	AR	2.5L	AS AND WHEN REQUIRED
103	M- CRESOL AR	AR	2.5L	AS AND WHEN REQUIRED
104	M-CRESOL	AR	2.5L	AS AND WHEN REQUIRED
105	METHANOL ANALYTICAL GRADE	AR	2.5L	AS AND WHEN REQUIRED
106	METHANOL AR	AR	2.5L	AS AND WHEN REQUIRED
107	METHANOL AR PURITY 99.5%	AR	2.5LTRS	AS AND WHEN REQUIRED
108	METHANOL HPLC GRADE	99.9% PURE HPLC GRADE	2.5L	AS AND WHEN REQUIRED
109	METHANOL LCMS GRADE	LC-MS GRADE	2.5L	AS AND WHEN REQUIRED
110	METHANOL MOLECULAR GRADE	AR	2.5L	AS AND WHEN REQUIRED
111	METHANOL REAGENT AR	AR	2.5L	AS AND WHEN REQUIRED
112	METHOXY-2-PROPANOL	AR	2.5L	AS AND WHEN REQUIRED
113	METHYL ACETATE	AR	2.5L	AS AND WHEN REQUIRED
114	METHYL ETHYL KETONE	AR	2.5L	AS AND WHEN REQUIRED
115	METHYL ETHYL KETONE AR	AR	2.5L	AS AND WHEN REQUIRED
116	METHYLENE CHLORIDE HPLC	AR	2.5L	AS AND WHEN REQUIRED
117	METRIBUZIN PURE, AR	AR	2.5L	AS AND WHEN REQUIRED
118	N- DECANE	CRM PURITY 99.99%	500ML	AS AND WHEN REQUIRED
119	N- HEXADECANE	CRM PURITY 99.99%	500ML	AS AND WHEN REQUIRED
120	N- HEXANE	CRM PURITY 99.99%	500ML	AS AND WHEN REQUIRED
121	N- TETRADECANE	CRM PURITY 99.99%	500ML	AS AND WHEN REQUIRED

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122	N,N DIMETHYLACETAMIDE AR ASSAY MIN 99%	AR	2.5L	AS AND WHEN REQUIRED
123	N,N DIMETHYLFORMAMIDE AR > 99.5%	AR	2.5L	AS AND WHEN REQUIRED
124	N-BUTYL ACID	AR	2.5L	AS AND WHEN REQUIRED
125	N-DECANE 500ML		500ML	AS AND WHEN REQUIRED
126	NEAMINE	EUROPEAN PHARMACOPOEIA (EP) REFERENCE STANDARD	0.89 MG	AS AND WHEN REQUIRED
127	N-HEPTANE AR	AR	2.5L	AS AND WHEN REQUIRED
128	N-HEXADECANE 500ML		500ML	AS AND WHEN REQUIRED
129	N-HEXANE	AR	2.5L	AS AND WHEN REQUIRED
130	N-HEXANE 86%	AR	2.5LTRS	AS AND WHEN REQUIRED
131	N-HEXANE AR	AR	2.5L	AS AND WHEN REQUIRED
132	N-HEXANE AR	AR	2.5L	AS AND WHEN REQUIRED
133	NITROBENZENE AR	AR	2.5L	AS AND WHEN REQUIRED
134	N-OCTANOL	AR	2.5L	AS AND WHEN REQUIRED
135	NONNANE 99+% HPLC GRADE	99.9% PURE HPLC GRADE	2.5L	AS AND WHEN REQUIRED
136	N-PENTANE	AR	2.5L	AS AND WHEN REQUIRED
137	N-PROPYL ACETATE	AR	2.5L	AS AND WHEN REQUIRED
138	N-TETRADECANE 500ML		500ML	AS AND WHEN REQUIRED
139	O-CRESOL	AR	1L	AS AND WHEN REQUIRED
140	OLEIC ACID	AR	2.5L	AS AND WHEN REQUIRED
141	ORTHO-PHOSPHORIC ACID AR	AR	2.5L	AS AND WHEN REQUIRED
142	O-TOLUIDINE	AR	1L	AS AND WHEN REQUIRED
143	O-XYLENE	AR	2.5L	AS AND WHEN REQUIRED
144	PAINT REMOVER		4L	AS AND WHEN REQUIRED
145	P-CRESOL	AR	1L	AS AND WHEN REQUIRED
146	PENTAN-1-OL (1-PENTANOL) AR	AR	2.5L	AS AND WHEN REQUIRED
147	PENTANE AR	AR	100G	AS AND WHEN REQUIRED
148	PERCHLORIC ACID IN GLACIAL ACETIC ACID	0.1 M	1 LITER	AS AND WHEN REQUIRED
149	PETROLEUM ETHER 40-60 AR	AR	2.5L	AS AND WHEN REQUIRED
150	PETROLEUM ETHER 60-80 AR	AR	2.5L	AS AND WHEN REQUIRED
151	PHENOL AR	AR	100G	AS AND WHEN REQUIRED
152	PHENOL DETACHED CRYSTALS AR	AR	500G	AS AND WHEN REQUIRED
153	PHENYLHYDRAZINE	AR	1L	AS AND WHEN REQUIRED
154	POTASSIUM HYDROGEN PHTHALATE	AR	2.5 LITER	AS AND WHEN REQUIRED
155	POTASSIUM HYDROXIDE SOLUTION IN ISOPROPYL ALCOHOL	0.1 M	1 LITER	AS AND WHEN REQUIRED
156	PROPAN -2-OL 99.9% PURE HPLC GRADE	AR	2.5L	AS AND WHEN REQUIRED
157	PROPAN-2-OL	AR	2.5L	AS AND WHEN REQUIRED
158	PROPAN-2-OL ANHYDROUS	AR	2.5L	AS AND WHEN REQUIRED
159	P-XYLENE	AR	2.5L	AS AND WHEN REQUIRED
160	PYRIDINE	AR	1L	AS AND WHEN REQUIRED
161	QUINOLINE	AR	500ML	AS AND WHEN REQUIRED
162	QUINOLINE	AR	500ML	AS AND WHEN REQUIRED
163	RECTIFIED SPIRIT	AR	2.5L	AS AND WHEN REQUIRED
164	RECTIFIED SPIRIT GP	GENERAL PURPOSE	20L	AS AND WHEN REQUIRED



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165	RIBOSTAMYCIN SULFATE	MINIMUM ASSAY 630 µG/MG.	1 G	AS AND WHEN REQUIRED
166	ROAD MARKER THINNER	GENERAL PURPOSE	5L	AS AND WHEN REQUIRED
167	SODIUM ACETATE SOLUTION 0.1N IN ACETIC ACID	AR	1L	AS AND WHEN REQUIRED
168	SODIUM PERCHLORATE ELECTROLYTE	SATURATED SOLUTION OF NACLO ₄ IN GLACIAL ACETIC ACID	500ML	AS AND WHEN REQUIRED
169	TERT-BUTYL ALCOHOL	AR	2.5L	AS AND WHEN REQUIRED
170	TERT-BUTYL METHYL ETHER	AR	2.5L	AS AND WHEN REQUIRED
171	TETRA CHLOROETHYLENE AR	AR	2.5L	AS AND WHEN REQUIRED
172	TETRA HYDROFURAN LC GRADE ASSAY 99.5%ABSOLUTE	LC-MS GRADE	2.5LTRS	AS AND WHEN REQUIRED
173	TETRA HYDROFURAN LC GRADE ASSAY 99.5% ABSOLUTE	LC-MS GRADE	2.5L	AS AND WHEN REQUIRED
174	TETRACHLOROETHYLENE	AR	2.5L	AS AND WHEN REQUIRED
175	TETRACHLOROETHYLENE	AR	2.5L	AS AND WHEN REQUIRED
176	TETRACHLOROETHYLENE GPR	AR	2.5L	AS AND WHEN REQUIRED
177	TETRAHYDROFURAN	HPLC GRADE	2.5L	AS AND WHEN REQUIRED
178	TETRAHYDROFURAN	AR	2.5L	AS AND WHEN REQUIRED
179	TETRAHYDROFURAN -ABSOLUTE	AR	2.5L	AS AND WHEN REQUIRED
180	TOAD MARKER THINNER	AR	5L	AS AND WHEN REQUIRED
181	TOLUENE 2.5L	AR	2.5L	AS AND WHEN REQUIRED
182	TOLUENE AR	AR	2.5L	AS AND WHEN REQUIRED
183	TOLUENE AR	AR	100G	AS AND WHEN REQUIRED
184	TRIACETIN	AR	2.5L	AS AND WHEN REQUIRED
185	TRICHLOROACETIC ACID	AR	2.5L	AS AND WHEN REQUIRED
186	TRICHLOROETHYLENE AR	AR	2.5L	AS AND WHEN REQUIRED
187	TRIETHANOLAMINE (TEA)	AR	2.5L	AS AND WHEN REQUIRED
188	TRIFLUOROACETIC ACID TFA AR	AR	2.5L	AS AND WHEN REQUIRED
189	TURKEY RED OIL	AR	500ML	AS AND WHEN REQUIRED
190	TWEEN GENERAL	AR	2.5L	AS AND WHEN REQUIRED
191	VINYL ACETATE	AR	1L	AS AND WHEN REQUIRED
192	WATER HPLC GRADE	HPLC GRADE	2.5L	AS AND WHEN REQUIRED
193	WATER LC-MS GRADE	AR	2.5L	AS AND WHEN REQUIRED
194	WATER WITH 0.1% AMMONIUM ACETATE	LC MS GRADE	1 LITRE	AS AND WHEN REQUIRED
195	WATER WITH 0.1% FORMIC ACID	LC MS GRADE	1 LITRE	AS AND WHEN REQUIRED
196	WATER WITH 0.1% FORMIC ACID	LC MS GRADE	1 L	AS AND WHEN REQUIRED
197	WIJIS SOLUTION	AR	500ML	AS AND WHEN REQUIRED
198	XYLENE	AR	2.5L	AS AND WHEN REQUIRED

2.ACIDS AND BASE

NO.	ITEM NAME/DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY REQUIRED
1	ALUMINIUM MOISTURE DISHES	70MM DIAMETER WITH PERFORATED LIDS	PIECES	AS AND WHEN REQUIRED
2	1,2,3 TRIHYDROXY BENZENE (PYROGALLOL)	AR	500	AS AND WHEN REQUIRED
3	4-AMINOBENZENE SULFONAMIDE	AR	500G	AS AND WHEN REQUIRED



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4	ACETIC ACID	AR	2.5L	AS AND WHEN REQUIRED
5	ACETIC ANHYDRIDE	AR	500G	AS AND WHEN REQUIRED
6	ACTIVATED CHARCOAL	AR	500G	AS AND WHEN REQUIRED
7	ALKALINITY HI77526	0 TO 500 MG/L (AS CaCO_3)	PACKETS	AS AND WHEN REQUIRED
8	ALLYLTHIOUREA (ATU)	AR	100ML	AS AND WHEN REQUIRED
9	ALUMINIUM OXIDE	GENERAL PURPOSE	1KG	AS AND WHEN REQUIRED
10	ALUMINUM HI9371201-01	0.00 TO 1.00 MG/L (AS Al^{3+})	PACKETS	AS AND WHEN REQUIRED
11	ALUMINUM POTASSIUM SULPHATE	AR	500G	AS AND WHEN REQUIRED
12	AMMONIA LOW RANGE HI93700-01	0.00 TO 3.00 MG/L (AS $\text{NH}_3\text{-N}$)	PACKETS	AS AND WHEN REQUIRED
13	AMMONIUM FERRIC SULPHATE DODECAHYDRATE	AR	500G	AS AND WHEN REQUIRED
14	AMMONIUM MOLYBDATE TETRAHYDRATE	AR	500G	AS AND WHEN REQUIRED
15	AMMONIUM ACETATE AR	AR	100 G	AS AND WHEN REQUIRED
16	AMMONIUM CHLORIDE AR	AR	500G	AS AND WHEN REQUIRED
17	AMMONIUM CITRATE AR	AR	100 G	AS AND WHEN REQUIRED
18	AMMONIUM FLOURIDE	AR	500G	AS AND WHEN REQUIRED
19	AMMONIUM HYDROGEN PHOSPHATE	AR	500G	AS AND WHEN REQUIRED
20	AMMONIUM HYDROXIDE AR 25%	AR	500G	AS AND WHEN REQUIRED
21	AMMONIUM HYDROXIDE AR, 25%	AR	1L	AS AND WHEN REQUIRED
22	AMMONIUM HYDROXIDE SOLUTION	AR	1L	AS AND WHEN REQUIRED
23	AMMONIUM HYDROXIDE SOLUTION, NH_3 IN H_2O ,	PURISS., 30-33%	2.5 L	AS AND WHEN REQUIRED
24	AMMONIUM IRON (III) SULFATE AR	AR	500G	AS AND WHEN REQUIRED
25	AMMONIUM NARIUM HYDROGEN-ORTHOPHOSPHATE AR	AR	100 G	AS AND WHEN REQUIRED
26	AMMONIUM NITRATE	AR	500G	AS AND WHEN REQUIRED
27	AMMONIUM OXALATE AR	AR	100 G	AS AND WHEN REQUIRED
28	AMMONIUM SULPHATE	AR	100 G	AS AND WHEN REQUIRED
29	AMMONIUM THIOCYANATE AR	AR	500G	AS AND WHEN REQUIRED
30	AMMONIUM THIOCYONATE	AR	500G	AS AND WHEN REQUIRED
31	AMMONIUM CHLORIDE	AR	500G	AS AND WHEN REQUIRED
32	ANTIMONY TRICHLORIDE	AR 1469	250G	AS AND WHEN REQUIRED
33	API BROMOCRESOL PURPLE (SKU 70510)	AR	500G	AS AND WHEN REQUIRED
34	ASCORBIC ACID	AR	500G	AS AND WHEN REQUIRED
35	ASCORBIC ACID AR	AR	100 G	AS AND WHEN REQUIRED
36	BARIUM CHLORIDE	AR	100 G	AS AND WHEN REQUIRED
37	BARIUM HYDROXIDE	AR	101 G	AS AND WHEN REQUIRED
38	BARIUM NITRATE	AR	500G	AS AND WHEN REQUIRED
39	BOD PHOSPHATE BUFFER SOLUTION	AR	500ML	AS AND WHEN REQUIRED
40	BORIC ACID AR	AR	102 G	AS AND WHEN REQUIRED
41	BORIC ACID AR	AR	500G	AS AND WHEN REQUIRED
42	BORIC ACID POWDER	AR	103 G	AS AND WHEN REQUIRED
43	BROMINE	AR	500G	AS AND WHEN REQUIRED
44	BROMINE HI93716-01	0.00 TO 8.00 MG/L (AS Br_2)	PACKETS	AS AND WHEN REQUIRED
45	BROMOCRESOL GREEN	AR	10G	AS AND WHEN REQUIRED
46	BROMOPHENOL BLUE	AR	100G	AS AND WHEN REQUIRED
47	BUFFER 1.68	AR	1L	AS AND WHEN REQUIRED



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48	BUFFER STANDARD PH 10	TRACEABLE TO SI	1 L	AS AND WHEN REQUIRED
49	BUFFER STANDARD PH 4	TRACEABLE TO SI	1 L	AS AND WHEN REQUIRED
50	BUFFER STANDARD PH 7	TRACEABLE TO SI	1 L	AS AND WHEN REQUIRED
51	BUTYLATED HYDROXYTOLUENE (BHT)	AR	500G	AS AND WHEN REQUIRED
52	BUTYLATED HYDROXY TOLUENE (BHT)	AR	100G	AS AND WHEN REQUIRED
53	CALCIUM CARBONATE	AR	100 G	AS AND WHEN REQUIRED
54	CALCIUM CHLORIDE-6HYDRATE AR	AR	100 G	AS AND WHEN REQUIRED
55	CALCIUM HI937521-01	0 TO 400 MG/L (AS CA ²⁺)	PACKETS	AS AND WHEN REQUIRED
56	CALCIUM HYDROXIDE	AR	500G	AS AND WHEN REQUIRED
57	CALICIUM STANDARD SOLUTION 1000PPM	AR	500ML	AS AND WHEN REQUIRED
58	CHLORIDE HI93753-01	0.0 TO 20.0 MG/L (AS CL ⁻)	PACKETS	AS AND WHEN REQUIRED
59	CHLORINE DIOXIDE HI93738-01	0.00 TO 2.00 MG/L (AS CLO ₂)	PACKETS	AS AND WHEN REQUIRED
60	CHLORINE, FREE HI93701-01	0.00 TO 5.00 MG/L (AS CL ₂)	PACKETS	AS AND WHEN REQUIRED
61	CHLORINE, TOTAL ULTRA HIGH RANGE HI95771-01	0 TO 500 MG/L (AS CL ₂)	PACKETS	AS AND WHEN REQUIRED
62	CHROMIUM(VI) LOW RANGE H93749-01	0 TO 300 MG/L (AS CR ⁶⁺)	PACKETS	AS AND WHEN REQUIRED
63	CITRIC ACID AR	AR	500G	AS AND WHEN REQUIRED
64	COD MEDIUM RANGE (16 MM VIAL) HI93754B-25	0 TO 1500 MG/L (AS O ₂)	PACKETS	AS AND WHEN REQUIRED
65	COLOR OF WATER 0.45µM SYRINGE FILTER	0 TO 500 PCUC	PACKETS	AS AND WHEN REQUIRED
66	COPPER HIGH RANGE HI93702-01	0.00 TO 5.00 MG/L (AS CU ²⁺)	PACKETS	AS AND WHEN REQUIRED
67	COPPER SULPHATE	AR	500G	AS AND WHEN REQUIRED
68	CUPRIC OXIDE	AR	500G	AS AND WHEN REQUIRED
69	CUPRIC SULPHATE PENTAHYDRATE COPPER SULPHATE (CUSO ₄ .5H ₂ O)AR	AR	500G	AS AND WHEN REQUIRED
70	DEVARDA ALLOY POWDER	CAS#8049-11-4	1 KG	AS AND WHEN REQUIRED
71	DEVARDA ALLOY POWDER	CAS#8049-11-4	1 KG	AS AND WHEN REQUIRED
72	D-GLUCOSE	AR	500G	AS AND WHEN REQUIRED
73	DI-AMMONIUM HYDROGEN PHOSPHATE AR	AR	100 G	AS AND WHEN REQUIRED
74	DIMETHYLAMINOBENZALDEHYDE AR	AR	100 G	AS AND WHEN REQUIRED
75	DISODIUM HYDROGEN ORTHOPHOSPHATE DIHYDRATE	AR	250G	AS AND WHEN REQUIRED
76	DISODIUM HYDROGEN PHOSPHATE AR	AR	100 G	AS AND WHEN REQUIRED
77	EDTA	AR	250G	AS AND WHEN REQUIRED
78	EDTA DISODIUM SALT (MOL GRADE)	AR	500G	AS AND WHEN REQUIRED
79	EOSIN V INDICATOR	AR	500G	AS AND WHEN REQUIRED
80	ETHYL ACETATE AR	AR	500G	AS AND WHEN REQUIRED
81	FERROUS AMMONIUM SULFATE (AR)	AR	100G	AS AND WHEN REQUIRED
82	FLUORIDE HIGH RANGE HI93739-01	0.0 TO 20.0 MG/L (AS F ⁻)	PACKETS	AS AND WHEN REQUIRED
83	FLUORIDE STANDARD SOLUTION 1000PPM	AR	500ML	AS AND WHEN REQUIRED
84	FORMIC ACID	ACS REAGENT GRADE, ≥96%	2.5L	AS AND WHEN REQUIRED
86	GLACIAL ACETIC ACID	AR	2.5 L	AS AND WHEN REQUIRED
87	HANNA QUICK CAL SOLUTION, HI9828-25	AR	500ML	AS AND WHEN REQUIRED
88	HARDNESS, CALCIUM HI93720-01	0.00 TO 2.70 MG/L (AS CaCO ₃)	PACKETS	AS AND WHEN REQUIRED
89	HARDNESS, TOTAL LOW RANGE HI93735-00	0 TO 250 MG/L (AS CaCO ₃)	PACKETS	AS AND WHEN REQUIRED
90	HYDRAZINE HI93704-01	0 TO 400 MG/L (AS N ₂ H ₄)	PACKETS	AS AND WHEN REQUIRED
91	HYDROCHLORIC ACID (1N)	AR	500G	AS AND WHEN REQUIRED



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92	HYDROCHLORIC ACID (MINIMUM ASSAY 37%)	AR	2.5L	AS AND WHEN REQUIRED
93	HYDROFLUORIC ACID AR	AR	2.5L	AS AND WHEN REQUIRED
94	HYDROGEN PEROXIDE 30%	AR	1L	AS AND WHEN REQUIRED
95	HYDROGEN PEROXIDE 35%	AR	1 LITRE	AS AND WHEN REQUIRED
96	HYDROGEN PEROXIDE SOLUTION 3%	AR	1L	AS AND WHEN REQUIRED
97	HYDROXILAMINE HYDROCHLORIDE AR	AR	500G	AS AND WHEN REQUIRED
98	IODINE AMPULE 1N	AR	500G	AS AND WHEN REQUIRED
99	IODINE AR	AR	500G	AS AND WHEN REQUIRED
100	IODINE HI93718-01	0.0 TO 12.5 MG/L (AS I ₂)	PACKETS	AS AND WHEN REQUIRED
101	IRON HI93721-01	0.00 TO 5.00 MG/L (AS FE)	PACKETS	AS AND WHEN REQUIRED
102	IRON SULPHATE	AR	500G	AS AND WHEN REQUIRED
103	IRON(II) SULFATE (FESO ₄)	AR	500G	AS AND WHEN REQUIRED
104	KJELTABS	AR	PACKAGE/1000	AS AND WHEN REQUIRED
105	KJTABS CU	AR	1000 TABLETS	AS AND WHEN REQUIRED
106	KJTABS CU/SE	AR	1000 TABLETS	AS AND WHEN REQUIRED
107	LEAD ACETATE	AR	500G	AS AND WHEN REQUIRED
108	L-GLUTAMIC ACID	AR	500G	AS AND WHEN REQUIRED
109	LITHIUM HEAVY DUTY GREASE	GENERAL PURPOSE	1 KG	AS AND WHEN REQUIRED
110	MAGNESIUM CHLORIDE	AR	500G	AS AND WHEN REQUIRED
111	MAGNESIUM CHLORIDE AR	AR	100G	AS AND WHEN REQUIRED
112	MAGNESIUM HI937520-01	0 TO 150 MG/L (AS MG ²⁺)	PACKETS	AS AND WHEN REQUIRED
113	MAGNESIUM IRON II SULPHATE	AR	500G	AS AND WHEN REQUIRED
114	MAGNESIUM SULPHATE	AR	500G	AS AND WHEN REQUIRED
115	MAGNESIUM SULPHATE HEPTAHYDRATE	AR	100G	AS AND WHEN REQUIRED
116	MAGNESIUM SULPHATE AR	AR	100G	AS AND WHEN REQUIRED
117	MAGNESIUM SULPHATE HEPTAHYDRATE AR	AR	500G	AS AND WHEN REQUIRED
118	MANGANESE HIGH RANGE HI93709-01	0.0 TO 20.0 MG/L (AS MN)	PACKETS	AS AND WHEN REQUIRED
119	MERCURIC CHLORIDE	AR	500G	AS AND WHEN REQUIRED
120	MERCURIC IODIDE	AR	100G	AS AND WHEN REQUIRED
121	MERCURY SULPHATE	AR	100G	AS AND WHEN REQUIRED
122	METAPHOSPHORIC ACID AR	AR	1L	AS AND WHEN REQUIRED
123	METHYL ORANGE	AR	500G	AS AND WHEN REQUIRED
124	METHYLENE BLUE INDICATOR	AR	10G	AS AND WHEN REQUIRED
125	METHYLENE RED INDICATOR	AR	10G	AS AND WHEN REQUIRED
126	N-(1NAPHTHYL)-1,2-DIAMINOETHANE DIHYDROCHLORIDE	AR	500G	AS AND WHEN REQUIRED
127	NICKEL HIGH RANGE HI93726-01	0.00 TO 7.00 G/L (AS NI)	PACKETS	AS AND WHEN REQUIRED
128	NITRATE HI93728-01	0.0 TO 30.0 MG/L (AS NO ₃ ⁻ - N)	PACKETS	AS AND WHEN REQUIRED
129	NITRIC ACID (CONC)	AR	2.5L	AS AND WHEN REQUIRED
130	NITRITE LOW RANGE HI93707-01	0 TO 600 MG/L (AS NO ₂ ⁻ - N)	PACKETS	AS AND WHEN REQUIRED
131	OXALIC ACID	AR	500G	AS AND WHEN REQUIRED
132	OXYGEN DISSOLVED HI93732-01	0 TO 10 MG/L (AS O ₂)	PACKETS	AS AND WHEN REQUIRED
133	PERCHLORIC ACID AR	AR	2.5L	AS AND WHEN REQUIRED
134	PH ELECTRODE STORAGE SOLUTION,	HI-70300L	500 ML	AS AND WHEN REQUIRED



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135	PHENATHROLINE MONOHYDRATE	AR	500G	AS AND WHEN REQUIRED
136	PHENOL RED INDICATOR	AR	500G	AS AND WHEN REQUIRED
137	PHENOLPHTHALEIN	AR	500G	AS AND WHEN REQUIRED
138	PHOSPHATE BUFFER 0.5M	AR	2.5L	AS AND WHEN REQUIRED
139	PHOSPHATE LOW RANGE HI93713-01	0.00 TO 2.50 MG/L (PPM)	PACKETS	AS AND WHEN REQUIRED
140	PHOSPHORIC ACID AR	AR	2.5L	AS AND WHEN REQUIRED
141	PHOSPHOROUS HI93763A-50	0 TO 32.6 MG/L (AS P)	PACKETS	AS AND WHEN REQUIRED
142	PLYWOOD	PIECES	PIECES	AS AND WHEN REQUIRED
143	POTASSIUM HYDROGEN SULPHATE	AR	500G	AS AND WHEN REQUIRED
144	POTASSIUM ANTIMONY-(III)OXIDE TARTRATE	AR	500G	AS AND WHEN REQUIRED
145	POTASSIUM BROMIDE	AR	500G	AS AND WHEN REQUIRED
146	POTASSIUM CHLORIDE	AR	100 G	AS AND WHEN REQUIRED
147	POTASSIUM CHROMATE	AR	500G	AS AND WHEN REQUIRED
148	POTASSIUM DICHROMATE AR	AR	100G	AS AND WHEN REQUIRED
149	POTASSIUM DIHYDROGEN PHOSPHATE	AR	100G	AS AND WHEN REQUIRED
150	POTASSIUM HI93750-01	0.0 TO 20.0 MG/L (AS K)	PACKETS	AS AND WHEN REQUIRED
151	POTASSIUM HYDROGEN PHOSPHATE	AR	100G	AS AND WHEN REQUIRED
152	POTASSIUM HYDROGEN PHTHALATE	AR	500G	AS AND WHEN REQUIRED
153	POTASSIUM HYDROXIDE 0.1N			AS AND WHEN REQUIRED
154	POTASSIUM HYDROXIDE PELLETS	AR	500G	AS AND WHEN REQUIRED
157	POTASSIUM IODIDE	AR	500G	AS AND WHEN REQUIRED
158	POTASSIUM IODIDE AR	AR	100G	AS AND WHEN REQUIRED
159	POTASSIUM NITRATE AR	AR	500G	AS AND WHEN REQUIRED
160	POTASSIUM OXALATE	AR	500G	AS AND WHEN REQUIRED
161	POTASSIUM PERMANGANATE AR	AR	500G	AS AND WHEN REQUIRED
162	POTASSIUM SODIUM TARTARATE	AR	1000G	AS AND WHEN REQUIRED
163	POTASSIUM SODIUM TARTARATE	AR	500G	AS AND WHEN REQUIRED
164	POTASSIUM THIOCYNATE	AR	500G	AS AND WHEN REQUIRED
165	POTTASSIUM CHROMATE	AR	500 G	AS AND WHEN REQUIRED
166	SILCONE GREASE	GP	250ML	AS AND WHEN REQUIRED
167	SILICA LOW RANGE HI93705-01	0.00 TO 2.00 MG/L (AS SiO ₂)	PACKETS	AS AND WHEN REQUIRED
168	SILICON	GENERAL PURPOSE	1 KG	AS AND WHEN REQUIRED
169	SILVER HI93737-01	0.00 TO 1.00 MG/L (AS AG)	PACKETS	AS AND WHEN REQUIRED
170	SILVER NITRATE AR	AR	50G	AS AND WHEN REQUIRED
171	SILVER SULPHATE	AR	100G	AS AND WHEN REQUIRED
172	SODIUM ACETATE AR	AR	100G	AS AND WHEN REQUIRED
173	SODIUM AZIDE AR	AR	100G	AS AND WHEN REQUIRED
174	SODIUM BICARBONATE	AR	500 G	AS AND WHEN REQUIRED
175	SODIUM BICARBONATE AR	AR	100G	AS AND WHEN REQUIRED
176	SODIUM BROMIDE AR	AR	500G	AS AND WHEN REQUIRED
177	SODIUM CARBONATE ANHYDROUS	AR	500G	AS AND WHEN REQUIRED



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178	SODIUM CARBONATE, ANHYDROUS	AR	250G	AS AND WHEN REQUIRED
179	SODIUM CHLORIDE	AR	500G	AS AND WHEN REQUIRED
180	SODIUM CHLORIDE AR	AR	100G	AS AND WHEN REQUIRED
181	SODIUM CITRATE AR	AR	100G	AS AND WHEN REQUIRED
182	SODIUM DIHYDROGEN ORTHOPHOSPHATE DIHYDRATE	AR	250G	AS AND WHEN REQUIRED
183	SODIUM DODECYL SULPHATE	AR	100G	AS AND WHEN REQUIRED
184	SODIUM FLOURIDE	AR	500G	AS AND WHEN REQUIRED
185	SODIUM HYDROGEN CARBONATE AR	AR	500 G	AS AND WHEN REQUIRED
186	SODIUM HYDROGEN CARBONATE	AR	100G	AS AND WHEN REQUIRED
187	SODIUM HYDROXIDE (PELLETS)	AR	500G	AS AND WHEN REQUIRED
188	SODIUM HYDROXIDE 1.0 N	AR	500G	AS AND WHEN REQUIRED
189	SODIUM HYDROXIDE PELLETS BIOXTRA 98%	AR	500G	AS AND WHEN REQUIRED
190	SODIUM METABISULPHATE AR	AR	100G	AS AND WHEN REQUIRED
191	SODIUM MOLYBDATE	AR	100 G	AS AND WHEN REQUIRED
192	SODIUM MOLYBDATE GIGHYDRATE	AR	500G	AS AND WHEN REQUIRED
193	SODIUM POTASSIUM TARTARATE	AR	500G	AS AND WHEN REQUIRED
194	SODIUM SALICYLATE AR	AR	500G	AS AND WHEN REQUIRED
195	SODIUM SULPHATE ANHYDROUS	AR	250G	AS AND WHEN REQUIRED
196	SODIUM TARTRATE AR	AR	100G	AS AND WHEN REQUIRED
197	SODIUM THIOSULPHATE AR	AR	500G	AS AND WHEN REQUIRED
198	SOLOCHROME BLACK	AR	500G	AS AND WHEN REQUIRED
199	STANDARD METHYLENE BLUE	AR	500G	AS AND WHEN REQUIRED
200	STANDARD SAND	AR	1KG	AS AND WHEN REQUIRED
201	STANNOUS CHLORIDE	AR	500G	AS AND WHEN REQUIRED
202	STARCH SOLUBLE AR	AR	100G	AS AND WHEN REQUIRED
203	STIRRING BARS 4 INCHES	AR	PCS	AS AND WHEN REQUIRED
204	SUCROSE AR	AR	1KG	AS AND WHEN REQUIRED
205	SULFATE HI93751-01	0 TO 150 MG/L (AS SO ₄ ²⁻)	PACKETS	AS AND WHEN REQUIRED
206	SULPHANILAMIDE	AR	500G	AS AND WHEN REQUIRED
207	SULPHURIC ACID (CONC)	AR	2.5L	AS AND WHEN REQUIRED
208	SULPHURIC ACID 98% ASSAY	AR	2.5L	AS AND WHEN REQUIRED
209	SULPHURIC ACID FOR MILK ANALYSIS GERBER	AR	2.5L	AS AND WHEN REQUIRED
210	SULPHURIC ACID FOR MILK ANALYSIS GERBER	GERBER	2.5L	AS AND WHEN REQUIRED
211	SYNTHETIC QUINONILINE	AR	500ML	AS AND WHEN REQUIRED
212	TETRACHLOROETHYLENE	AR	10LTRS	AS AND WHEN REQUIRED
213	THYMOL BLUE	AR	500G	AS AND WHEN REQUIRED
214	TISAB 1 FOR FLUORIDES	AR	500ML	AS AND WHEN REQUIRED
215	TISAB 2 FOR FLUORIDES	AR	500ML	AS AND WHEN REQUIRED
216	TRIETHYLAMINE	HPLC GRADE	2.5L	AS AND WHEN REQUIRED
217	TRIFLUOROACETIC ACID	PURISS. P.A., SUITABLE FOR HPLC, ≥99.0%	250 ML	AS AND WHEN REQUIRED
218	TURBIDITY STANDARD 20NTU	AR	100ML	AS AND WHEN REQUIRED

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219	TURBIDITY STANDARD 800NTU	AR	100ML	AS AND WHEN REQUIRED
220	TURBIDITY STANDARD 0.02	AR	100ML	AS AND WHEN REQUIRED
221	TURBIDITY STANDARD 100NTU	AR	100ML	AS AND WHEN REQUIRED
222	XYLENOL ORANGE INDICATOR	AR	500G	AS AND WHEN REQUIRED
223	ZINC HI93731-01	0.00 TO 3.00 MG/L (AS ZN)	PACKETS	AS AND WHEN REQUIRED
224	ZINC POWDER	AR	500G	AS AND WHEN REQUIRED

3.MEDIA

NO.	ITEM NAME/DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY REQUIRED
1	3M™ PETRIFILM™ AEROBIC COUNT PLATES	3M™ PETRIFILM™	1000 PLATES/CASE	AS AND WHEN REQUIRED
2	3M™ PETRIFILM™ E. COLI/COLIFORM COUNT PLATES	3M™ PETRIFILM™	500 PLATES/CASE	AS AND WHEN REQUIRED
3	3M™ PETRIFILM™ RAPID YEAST AND MOLD COUNT PLATES	3M™ PETRIFILM™	500 PLATES/CASE	AS AND WHEN REQUIRED
4	3M™ PETRIFILM™ STAPH EXPRESS COUNT PLATE	3M™ PETRIFILM™	500 PLATES/CASE	AS AND WHEN REQUIRED
5	3M™ SPONGE-STICK WITH 10 ML NEUTRALIZING BUFFER	SSL10NB	PIECE	AS AND WHEN REQUIRED
6	ACID PHOSPHATASE REAGENT (HIMEDIA)	SKU: R096	PACK/5X10ML	AS AND WHEN REQUIRED
7	AGAR BACTERIOLOGICAL (AGAR NO 1) L11	LP0011B	500G	AS AND WHEN REQUIRED
8	ALKALINE PEPTONE WATER	CM1028	500G	AS AND WHEN REQUIRED
9	ALKALINE PEPTONE WATER (ISO)	CM1117B	500G	AS AND WHEN REQUIRED
10	ALKALINE SALINE PEPTONE WATER (ASPW)	CM1117	500G	AS AND WHEN REQUIRED
11	ANAEROBIC INDICATOR	BR0055B	PACK/10	AS AND WHEN REQUIRED
12	ANAEROBIC INDICATOR	SR00553 OXOID	PACK	AS AND WHEN REQUIRED
13	ANAEROGEN (OXOID)	AM0035	PACK/10	AS AND WHEN REQUIRED
14	ANAEROGEN 3.5L	A0035A	PACK/10	AS AND WHEN REQUIRED
15	AUTOCLAVE TAPE 1 INCH		ROLL	AS AND WHEN REQUIRED
16	BACTERIOLOGICAL AGAR	LP0011	500G	AS AND WHEN REQUIRED
17	BACTERIOLOGICAL PEPTONE	LP0037	500G	AS AND WHEN REQUIRED
18	BAIRD PARKER AGAR BASE	CM0275	500G	AS AND WHEN REQUIRED
19	BAT AGAR	107994	500G	AS AND WHEN REQUIRED
20	BAT AGAR 107994 MERCK	MERCK 107994	500G	AS AND WHEN REQUIRED
21	BCYE GROWTH SUPPLEMENT	SR110	PACK/10 VIALS	AS AND WHEN REQUIRED
22	BEIJERINCKIA MEDIA M708 HIMEDIA	M708 HIMEDIA	500G	AS AND WHEN REQUIRED
23	BILE AESCULIN AGAR	CM0888	500G	AS AND WHEN REQUIRED
24	BILE AESCULIN AGAR CM 0888B		500G	AS AND WHEN REQUIRED
25	BISMUTH SULPHITE AGAR	CM0201	500G	AS AND WHEN REQUIRED
26	BLOOD AGAR BASE	CM0055	500G	AS AND WHEN REQUIRED
27	BOLTON BROTH	CM0983	500G	AS AND WHEN REQUIRED
28	BOLTON BROTH (CM0983)	OXOID (CM0983)	500G	AS AND WHEN REQUIRED
29	BOLTON BROTH SELECTIVE SUPPLEMENT	SR0183	PACK	AS AND WHEN REQUIRED
30	BOLTON BROTH SELECTIVE SUPPLEMENT SR0183 OXOID	SR0183 OXOID	PACK/10 VIALS	AS AND WHEN REQUIRED
31	BORIC ACID >99.5% PURE	>99.5% PURE	500G	AS AND WHEN REQUIRED
32	BOTTLE TOP VARISPENSER, DISPENSER-2 SINGLE CHANNEL DISPENSER 10-100ML	10-100ML	PCS	AS AND WHEN REQUIRED
33	BOVINE ALBUMIN FRACTION V	AR	100G	AS AND WHEN REQUIRED



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34	BOVINE SERUM ALBUMIN FRACTION V	OXOID		AS AND WHEN REQUIRED
35	BRAIN HEART INFUSION (BHI) BROTH	CM0225	500G	AS AND WHEN REQUIRED
36	BRAIN HEART INFUSION BROTH	CM 1135B	500G	AS AND WHEN REQUIRED
37	BRILLIANCE CAMPYCOUNT AGAR	PO1185	500G	AS AND WHEN REQUIRED
38	BRILLIANCE CANDIDA AGAR	CM1002	500G	AS AND WHEN REQUIRED
39	BRILLIANCE CANDIDA AGAR SELECTIVE SUPPLEMENT	SR0231	PACK OF 10 VIALS	AS AND WHEN REQUIRED
40	BRILLIANCE E.COLI/COLIFORM AGAR CM0956 OXOID	CM0956 OXOID	500G	AS AND WHEN REQUIRED
41	BRILLIANCE LISTERIA AGAR	CM1212	500G	AS AND WHEN REQUIRED
42	BRILLIANT GREEN AGAR	CM0329 OXOID	500G	AS AND WHEN REQUIRED
43	BRILLIANT GREEN AGAR (MODIFIED)	70134	500G	AS AND WHEN REQUIRED
44	BRILLIANT GREEN BILE (2%) BROTH	CM0031	500G	AS AND WHEN REQUIRED
45	BUFFERED PEPTONE WATER	107228	500G	AS AND WHEN REQUIRED
46	BUFFERED PEPTONE WATER (CM 0509)		500G	AS AND WHEN REQUIRED
47	BUFFERED PEPTONE WATER 1072280500 MERCK		500G	AS AND WHEN REQUIRED
48	CALCIUM CHLORIDE-6HYDRATE AR		100 G	AS AND WHEN REQUIRED
49	CAMPYGEN 3.5L CN0035A OXOID	CN0025A	PACK/10	AS AND WHEN REQUIRED
50	CAMPYGEN 3.5L OXOID	CN0035A	PACK/10	AS AND WHEN REQUIRED
51	CAMPYLOBACTER BLOOD FREE SELECTIVE AGAR BASE	CM0739	500G	AS AND WHEN REQUIRED
52	CAMPYLOBACTER GROWTH SUPPLEMENT (LIQUID) SR0232		PACK/10 VIALS	AS AND WHEN REQUIRED
53	CARBOHYDRATE UTILIZATION BROTH	7410	500G	AS AND WHEN REQUIRED
54	CARBOHYDRATE UTILIZATION BROTH SIGMA 07410		500G	AS AND WHEN REQUIRED
55	CBS SELECTIVE SUPPLEMENT (VANCOMYCIN)		PACK/10 VIALS	AS AND WHEN REQUIRED
56	CCDA SELECTIVE SUPPLEMENT	SR0155	PACK 10'S	AS AND WHEN REQUIRED
57	CEFIXIME-TELLURITE SELECTIVE SUPPLEMENT	SR0172	PACK (10 VIALS)	AS AND WHEN REQUIRED
58	CELLULOSE ACETATE FILTER 0.45µM 85MMØ	700283	PACK 50	AS AND WHEN REQUIRED
59	CFC SELECTIVE AGAR SUPPLEMENT	SR103	PACK 10'S	AS AND WHEN REQUIRED
60	CHARCOAL YEAST EXTRACT AGAR	CM0655	500G	AS AND WHEN REQUIRED
61	CHLORAMPHENICAL SUPPLEMENT	SR0078	PACK 10'S	AS AND WHEN REQUIRED
62	CHLORAMPHENICAL) AGAR GRANUCULT 100465		500G	AS AND WHEN REQUIRED
63	CHLORAMPHENICOL SUPPLEMENT SR0078		PACK 10'S	AS AND WHEN REQUIRED
388	CHROMAGAR BACILLUS CEREUS 5000ML FOR 250 PLATES, 166.5 GRAMS INCLUDING SUPPLEMENT	BC732	166.5G	AS AND WHEN REQUIRED
64	CHROMAGAR C.PERFRINGENS 5000ML INCLUDING SUPPLEMENT	PF652	254.5	AS AND WHEN REQUIRED
65	CHROMAGAR CAMPYLOBACTER 5000ML INCLUDING SUPPLEMENT	CP572	256G	AS AND WHEN REQUIRED
66	CHROMAGAR ENTEROBACTERIA 5000ML	EB042	211.5G	AS AND WHEN REQUIRED
67	CHROMAGAR ESCHERICHIA COLI O157 5000 ML INCLUDING SUPPLEMENT	EE222	146G	AS AND WHEN REQUIRED
68	CHROMAGAR IDENTIFICATION LISTERIA 250ML INCLUDING SUPPLEMENT	LK970	12.95G	AS AND WHEN REQUIRED
69	CHROMAGAR LISTERIA 5000ML INCLUDING SUPPLEMENT	LM852	257.5G	AS AND WHEN REQUIRED
70	CHROMAGAR RAMBACH AGAR 5000ML INCLUDING SUPPLEMENTS	RR702	153.5	AS AND WHEN REQUIRED



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71	CHROMAGAR SALMONELLA PLUS 5000ML INCLUDING SUPPLEMENT	SA162	164G	AS AND WHEN REQUIRED
72	CHROMAGAR VIBRIO 5000 ML INCLUDING SUPPLEMENTS	VB912	373.5	AS AND WHEN REQUIRED
73	CHROMAGAR YERSINIA ENTEROCOLITICA 5000ML INCLUDING SUPPLEMENTS	YE492	206.5	AS AND WHEN REQUIRED
74	CHROMAGAR™ CCA	EF343-500G	500G	AS AND WHEN REQUIRED
75	CHROMAGAR™ E.COLI	EC16-500G	500G	AS AND WHEN REQUIRED
76	CHROMAGAR™ ECC	EF323-500G	500G	AS AND WHEN REQUIRED
77	CHROMAGAR™ PSEUDOMONAS	PS83-500G	500G	AS AND WHEN REQUIRED
78	CHROMAGAR™ STAPH AUREUS 5000ML INCLUDING SUPPLEMENT	TA672	412.5G	AS AND WHEN REQUIRED
79	CHROMAGAR™ STEC 5000ML INCLUDING SUPPLEMENT	ST162	154G	AS AND WHEN REQUIRED
80	CHROMAGAR™ VIBRIO	VB91-500G	500G	AS AND WHEN REQUIRED
81	CHROMOGENIC COLIFORM AGAR ISO	OXOID/MERCK/CONDA	500G	AS AND WHEN REQUIRED
82	CHROMOGENIC CRONOBACTER ISOLATION (CCI) AGAR (CCI) 120596	OXOID/MERCK/CONDA	500G	AS AND WHEN REQUIRED
83	CHROMOGENIC CRONOBACTER ISOLATION AGAR	120596	500G	AS AND WHEN REQUIRED
84	CN SELECTIVE SUPPLEMENT	SR102	PACK 10'S	AS AND WHEN REQUIRED
85	COLIFORM AGAR ACC. TO ISO 9308-1	110426	500G	AS AND WHEN REQUIRED
86	COLILERT-18 FOR 100ML SAMPLES	IDDEX	PACK OF 200 TESTS	AS AND WHEN REQUIRED
87	COLUMBIA BLOOD AGAR	CM0331	500G	AS AND WHEN REQUIRED
88	COOKED MEAT MEDIUM	CM0081	500G	AS AND WHEN REQUIRED
89	CORN MEAL AGAR CM0103		500G	AS AND WHEN REQUIRED
90	CRONOBACTER SELECTIVE BROTH (CSB) 120597	120597	500G	AS AND WHEN REQUIRED
91	CRONOBACTER SELECTIVE BROTH 120597 MERCK		500G	AS AND WHEN REQUIRED
92	CSB SELECTIVE SUPPLEMENT (VANCOMYCIN) 120595	120595	PACK 10'S	AS AND WHEN REQUIRED
93	CYCLOHEXIMIDE 0.1% SR 022		PACK 10'S	AS AND WHEN REQUIRED
94	DEFIBRINATED SHEEP BLOOD	SR 0051	100ML	AS AND WHEN REQUIRED
95	DEFIBRINATED SHEEP BLOOD	FRESHLY PREPARED (LOCAL)	10ML	AS AND WHEN REQUIRED
96	DENT'S SUPPLEMENT	OXOID/MERCK/CONDA	PACK OF 10	AS AND WHEN REQUIRED
97	DEXTROSE TRYPTONE AGAR	CM0075	500G	AS AND WHEN REQUIRED
98	DG18 (DICHLOLAN GLYCEROL CHLORAMPHENICAL) AGAR	100465	500G	AS AND WHEN REQUIRED
99	DISPENSER 1-10ML		PCS	AS AND WHEN REQUIRED
100	DISPOSABLE BAGS SIZE XL	XL	PACKET	AS AND WHEN REQUIRED
101	DISPOSABLE BAGS SIZE XXL	XXL	PACKET	AS AND WHEN REQUIRED
102	DISPOSABLE PETRIDISH 90-100MM DIAMETER	STERILE	500/PK	AS AND WHEN REQUIRED
103	DISPOSABLE PLASTIC SPREADERS		PACK OF 100	AS AND WHEN REQUIRED
104	DNA EXTRACTION – QIAGEN DNEASY KIT. 250 REACTIONS	QIAGEN	BOX 250 REACTIONS	AS AND WHEN REQUIRED
105	DNASE AGAR	CM0321	500G	AS AND WHEN REQUIRED
106	DRBC (DICHLOLAN-ROSE BENGAL CHLORAMPHENICOL) AGAR GRANUCULT	100466	500G	AS AND WHEN REQUIRED
107	DUST MASKS		PKT 100S	AS AND WHEN REQUIRED
108	DUST MASKS		PACK 100'S	AS AND WHEN REQUIRED
109	DYNABEADS ANTI-E.COLI O157	71003	5ML	AS AND WHEN REQUIRED



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110	E.COLI O157 LATEX TEST KIT	DR0620	PACK	AS AND WHEN REQUIRED
111	EGG YOLK EMULSION SR47	OXOID	100ML	AS AND WHEN REQUIRED
112	EGG YOLK TELLURITE EMULSION 103785 MERCK	MERCK	100ML	AS AND WHEN REQUIRED
113	EGG YOLK TELLURITE EMULSION 75208 FLUKA	FLUKA	100ML	AS AND WHEN REQUIRED
114	EGGYOLK EMULSION	SR47	100ML	AS AND WHEN REQUIRED
115	EGGYOLK TELLURITE EMULSION	SR54	100ML	AS AND WHEN REQUIRED
116	ENTEROBACTER SAKAZAKII ISOLATION AGAR	CM1134	500G	AS AND WHEN REQUIRED
117	ENTEROLERT	FOR 100ML SAMPLES	PACK OF 200 TESTS	AS AND WHEN REQUIRED
118	EPPENDORF EP T.I.P.S, 50-1000 μ L		PACK OF 1000	AS AND WHEN REQUIRED
119	EUGON LT 100 BROTH CONDA	M1517	500G	AS AND WHEN REQUIRED
120	FRASER BROTH	CM0895	500G	AS AND WHEN REQUIRED
121	FRASER LISTERIA AMMONIUM IRON (III) SUPPLEMENT		PACK (10 VIALS)	AS AND WHEN REQUIRED
122	FRASER LISTERIA SELECTIVE SUPPLEMENT		PACK (10 VIALS)	AS AND WHEN REQUIRED
123	FRASER SUPPLEMENT	SR 156 OXOID	PACK (10 VIALS)	AS AND WHEN REQUIRED
124	GEL MOTILITY MEDIUM	M1053-500G	500G	AS AND WHEN REQUIRED
125	GLASS SAMPLE SPREADER (MICROBIOLOGY)		PCS	AS AND WHEN REQUIRED
126	GLUCOSE AR	AR	100 G	AS AND WHEN REQUIRED
127	GLUCOSE TRYPTONE MEDIUM	CM0127	500G	AS AND WHEN REQUIRED
128	GLUCOSE TRYPTONE MEDIUM	70159	500G	AS AND WHEN REQUIRED
129	GLUCOSE YEAST EXTRACT CALCIUM CARBONATE (GYC CONDA)	2026	500G	AS AND WHEN REQUIRED
130	GLYCEROL	AR	2.5L	AS AND WHEN REQUIRED
131	GYC AGAR	OXOID	500G	AS AND WHEN REQUIRED
132	GYC AGAR	CAT NO. 2016	500G	AS AND WHEN REQUIRED
133	GYC AGAR MEDIUM	(CAT. NO. 2026)	500G	AS AND WHEN REQUIRED
134	H.PYLORI SELECTIVE SUPPLEMENT	SR0147	PACK (10 VIALS)	AS AND WHEN REQUIRED
135	HALF FRASER (DEMI FRASER) BROTH BASE WITH ANTIBIOTICS	OXOID	500G	AS AND WHEN REQUIRED
136	HALF FRASER SELECTIVE SUPPLEMENT	SR0166	PACK (10 VIALS)	AS AND WHEN REQUIRED
137	HALF FRASER SELECTIVE SUPPLEMENT	SR0166 OXOID	PACK (10 VIALS)	AS AND WHEN REQUIRED
138	HALF FRASER SUPPLEMENT	SR0166E OXOID	PACK/10 VIALS	AS AND WHEN REQUIRED
139	HEAD NETS (BUFFON CLIP CAPS)		PACK 1000'S	AS AND WHEN REQUIRED
140	HEKTOEN ENTERIC AGAR	CM0419	500G	AS AND WHEN REQUIRED
141	HORSE SERUM	SR0035C	100ML	AS AND WHEN REQUIRED
142	INDOXYL ACETATE STRIPS	4739	PACK 100'S	AS AND WHEN REQUIRED
143	IODINE IODIDE SOLUTION		100ML	AS AND WHEN REQUIRED
144	IRON SULPHITE AGAR CM0079	CM0079	500G	AS AND WHEN REQUIRED
145	ITC BROTH (BASE)	17156	500G	AS AND WHEN REQUIRED
146	KANAMYCIN AESCULIN AZIDE AGAR	CM0591B	500G	AS AND WHEN REQUIRED
147	KANAMYCIN AESCULINE AZIDE AGAR BASE	CM0591	500G	AS AND WHEN REQUIRED
148	KANAMYCIN SULPHATE SELECTIVE SUPPLEMENT (SR 92)	(SR 92)	PACK (10 VIALS)	AS AND WHEN REQUIRED
149	KING AGAR A 60788	MERCK 60788	500G	AS AND WHEN REQUIRED
150	KING AGAR B 60786	MERCK 60786	500G	AS AND WHEN REQUIRED



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151	KLIGLER IRON AGAR CM0033	CM0033	500G	AS AND WHEN REQUIRED
152	KOVACS INDOLE REAGENT	HIMEDIA	500ML	AS AND WHEN REQUIRED
153	L ∞ PHOSPHATIDYL CHOLINE	AR	500G	AS AND WHEN REQUIRED
154	LACTIC ACID 10% SR21	SR21	PACK (10 VIALS)	AS AND WHEN REQUIRED
155	LACTOSE GELATINE MEDIA	61348	500G	AS AND WHEN REQUIRED
156	LACTOSE SULFITE MEDIUM	M1287	500 G	AS AND WHEN REQUIRED
157	LAKED HORSE BLOOD SR0048	SR0048	100ML	AS AND WHEN REQUIRED
158	LAKED HORSE BLOOD SR048C		100ML	AS AND WHEN REQUIRED
159	L-ARGININE DIHYDROLATION MEDIUM	M1644	500G	AS AND WHEN REQUIRED
160	LB BROTH (MILLER) POWDER MICROBIAL GROWTH MEDIUM	OXOID	500G	AS AND WHEN REQUIRED
161	LEGIOLERT FOR 100ML SAMPLES	IDEXX	200 TESTS	AS AND WHEN REQUIRED
162	LEGIOLERT PRETREATMENT	IDEXX	100ML	AS AND WHEN REQUIRED
163	LEGIONELLA BCYE GROWTH SUPPLEMENT OMITTING L-CYSTEINESR0175	SR0175	PACK (10 VIALS)	AS AND WHEN REQUIRED
164	LEGIONELLA BCYE GROWTH SUPPLEMENT SR 0175		PACK (10 VIALS)	AS AND WHEN REQUIRED
165	LEGIONELLA BCYE GROWTH SUPPLEMENT SR0110A	SR0110A	PACK (10 VIALS)	AS AND WHEN REQUIRED
166	LEGIONELLA BCYE GROWTH SUPPLEMENT SR0110A		PACK (10 VIALS)	AS AND WHEN REQUIRED
167	LEGIONELLA BCYE GROWTH SUPPLEMENT SR0110C	SR0110C	PACK (10 VIALS)	AS AND WHEN REQUIRED
168	LEGIONELLA CYE AGAR BASE	CM0655	500G	AS AND WHEN REQUIRED
169	LEGIONELLA CYE AGAR BASE CM0655	CM0655	500G	AS AND WHEN REQUIRED
170	LEGIONELLA GVPC SELECTIVE SUPPLEMENT	SR0152	PACK (10 VIALS)	AS AND WHEN REQUIRED
171	LEGIONELLA GVPC SELECTIVE SUPPLEMENT	SR0152 OXOID	PACK (10 VIALS)	AS AND WHEN REQUIRED
172	LEGIONELLA LATEX	DR0800	PACK	AS AND WHEN REQUIRED
173	LEVINE EOSIN-METHYLENE BLUE AGAR MEDIUM	CM0069	500G	AS AND WHEN REQUIRED
174	LEVINE-EMB AGAR	1013420500 MERCK	500G	AS AND WHEN REQUIRED
175	LISTERIA AGAR ENRICHMENT SUPPLEMENT	1.00439.0010	PACK (10 VIALS)	AS AND WHEN REQUIRED
176	LISTERIA AGAR SELECTIVE SUPPLEMENT	1.00432.0010	PACK (10 VIALS)	AS AND WHEN REQUIRED
177	LISTERIA AGAR(BASE) ACCORDING TO OTTAVANI AND AGOSTI	1.00427.0500	500G	AS AND WHEN REQUIRED
178	LISTERIA CHROMOGENIC LIPASE C SUPPLEMENT (CONDALAB)	6031	PACK/10'S	AS AND WHEN REQUIRED
179	LISTERIA MONO ENRICHMENT SUPPLEMENT I 03708 SIGMA	03708 SIGMA	PACK/10 VIALS	AS AND WHEN REQUIRED
180	LISTERIA MONO SELECTIVE SUPPLEMENT (MILLIPORE)	40784	PACK (10 VIALS)	AS AND WHEN REQUIRED
181	LISTERIA SELECTIVE AGAR BASE (OXFORD)	CM0856	500G	AS AND WHEN REQUIRED
182	LISTERIA SELECTIVE SUPPLEMENT	SR0140E	PACK/10 VIALS	AS AND WHEN REQUIRED
183	LISTERIA SELECTIVE SUPPLEMENT I 92301 SIGMA	92301 SIGMA	PACK/10 VIALS	AS AND WHEN REQUIRED
184	LISTERIA SELECTIVE SUPPLEMENT II 91603 SIGMA	91603 SIGMA	PACK/10 VIALS	AS AND WHEN REQUIRED
185	LISTERIA SELECTIVE SUPPLEMENT SR0140	SR0140	PACK (10 VIALS)	AS AND WHEN REQUIRED
186	LISTERIA TEST KIT	DR1126	PACK	AS AND WHEN REQUIRED
187	LIVER BROTH	CM0077	500G	AS AND WHEN REQUIRED
188	L-ORNITHINE DECARBOXYLASE MEDIUM	M1223	500G	AS AND WHEN REQUIRED
189	LYSINE DECARBOXYLASE BROTH	MERCK 66304	500G	AS AND WHEN REQUIRED
190	LYSINE DECARBOXYLASE BROTH (TYLOR MODIFICATION)	CM0308	PACK(100TABLETS)	AS AND WHEN REQUIRED
191	LYSINE DECARBOXYLASE SALINE MEDIUM (HIMEDIA)	SKU: M1778	500	AS AND WHEN REQUIRED

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192	LYSINE MEDIUM	CM0191	500G	AS AND WHEN REQUIRED
193	MACCONKEY AGAR CM0007	CM0007	500G	AS AND WHEN REQUIRED
194	MACCONKEY BROTH (PURPLE) CM5A	CM5A	500G	AS AND WHEN REQUIRED
195	MACCONKEY BROTH CM0005B OXOID	CM0005B OXOID	500G	AS AND WHEN REQUIRED
196	MAGNESIUM CHLORIDE AR		100G	AS AND WHEN REQUIRED
197	MALT EXTRACT AGAR	CM0059B	500G	AS AND WHEN REQUIRED
198	MANNITOL AR	AR	100 G	AS AND WHEN REQUIRED
199	MANNITOL SALT AGAR CM 0085	CM 0085	500G	AS AND WHEN REQUIRED
200	MAXIMUM RECOVERY DILUENT (PEPTONE SALINE DILUENT) CM0733	CM0733	500G	AS AND WHEN REQUIRED
201	MEMBRANE FILTERS 0.22M STERILE INDIVIDUALLY PACKED CELLULOSE ACETATE 47MM Ø	0.22MM	PACK/100'S	AS AND WHEN REQUIRED
202	MEMBRANE FILTERS 0.22M STERILE INDIVIDUALLY PACKED CELLULOSE ACETATE 47MM Ø MILLIPORE	MILLIPORE	PACK/150'S	AS AND WHEN REQUIRED
203	MEMBRANE FILTERS 0.45M STERILE INDIVIDUALLY PACKED CELLULOSE ACETATE 47MM Ø	0.45M	PACK/100'S	AS AND WHEN REQUIRED
204	MEMBRANE FILTERS 0.45M STERILE INDIVIDUALLY PACKED CELLULOSE ACETATE 47MM Ø MILLIPORE	MILLIPORE	PACK/150'S	AS AND WHEN REQUIRED
205	MICOBACT REAGENT SET D (INDOLE, VPI, VPII, TDA, NIT A/B)	MB1082	PACK	AS AND WHEN REQUIRED
206	MICROBACT 12E	OXOID	PACK	AS AND WHEN REQUIRED
207	MICROBACT 12L	MB1128	PACK 20'S	AS AND WHEN REQUIRED
208	MICROBACT 12S	MB1561	PACK	AS AND WHEN REQUIRED
209	MICROBACT 24E MB1074A	MB1074A	PACK (20 POUCHES)	AS AND WHEN REQUIRED
210	MICROBACT GNB REAGENTS AND ACCESSORIES	MB1093A	PACK	AS AND WHEN REQUIRED
211	MICROBACT STAPH FAST BLUE REAGENT MB1588	MB18588	2X100ML	AS AND WHEN REQUIRED
212	MICROPIPETTE TIPS (20-100 UL)		PKT 100S	AS AND WHEN REQUIRED
213	MICROPIPETTE TIPS (100-1000 UL)		PKT 100S	AS AND WHEN REQUIRED
214	MICROPIPETTE TIPS (10-100 UL)		PKT 100S	AS AND WHEN REQUIRED
215	MILK PLATE COUNT AGAR	(CM 0681)	500G	AS AND WHEN REQUIRED
216	MILK PLATE COUNT AGAR CM0681	CM0681	500G	AS AND WHEN REQUIRED
217	MINERAL MODIFIED GLUTAMATE AGAR	CM0607G	500G	AS AND WHEN REQUIRED
218	MINERAL MODIFIED GLUTAMATE AGAR GRANVOULT MERCK	MERCK	500G	AS AND WHEN REQUIRED
219	MINERAL MODIFIED MEDIUM BASE + SODIUM GLUTAMATE	CM0607G	500G	AS AND WHEN REQUIRED
220	MINERAL OIL	MB1093 OXOID	100ML	AS AND WHEN REQUIRED
221	MINERALS MODIFIED GLUTAMATE MEDIUM	CM0607G	500G	AS AND WHEN REQUIRED
222	MKTTN (MULLER-KAUFFMANN TETRATHIONATE NOVOBIOCIN) BROTH BASE	CM1048B	500G	AS AND WHEN REQUIRED
223	MKTTN (MULLER-KAUFFMANN TETRATHIONATE NOVOBIOCIN) BROTH (BASE)	105878	500G	AS AND WHEN REQUIRED
224	MMGA (MINERAL MODIFIED GLUTAMATE) AGAR	1.09045	500G	AS AND WHEN REQUIRED



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225	MODIFIED BOLTON BROTH SELECTIVE SUPPLEMENT	SR208E OXOID	PACK/10 VIALS	AS AND WHEN REQUIRED
226	MODIFIED LAURYL SULFATE TRYPTOSE BROTH	CM0967	500G	AS AND WHEN REQUIRED
227	MODIFIED LAURYL SULPHATE BROTH	CM1133 OXOID	500G	AS AND WHEN REQUIRED
228	MODIFIED NEWMAN-LAMPERT STAIN SOLUTION (LEVOWITZ-WEBER MODIFICATION)		1 LITRE	AS AND WHEN REQUIRED
229	MODIFIED PRESTON CAMPYLOBACTER SELECTIVE SUPPLEMENT	SR0204	PACK/10 VIALS	AS AND WHEN REQUIRED
230	MODIFIED TRYPTONE SOYA BROTH	CM0989	500G	AS AND WHEN REQUIRED
231	MODIFIED TRYPTONE SOYA BROTH	CM0989 OXOID	500G	AS AND WHEN REQUIRED
232	MOTILITY AGAR	M1053-500G	500G	AS AND WHEN REQUIRED
233	MOTILITY NITRATE MEDIUM	14305	500G	AS AND WHEN REQUIRED
234	MRS AGAR CM0361	CM0361	500G	AS AND WHEN REQUIRED
235	MUELLER-HINTON AGAR	CM0337B OXOID	500	AS AND WHEN REQUIRED
236	MUP SELECTIVE SUPPLEMENT		PACK 10 VIALS	AS AND WHEN REQUIRED
237	MUPSELECTIVE SUPPLEMENT	100045	PACK 10 VIALS	AS AND WHEN REQUIRED
238	MYP (MANNITOL EGG YOLK EMULSION POLIMYXIN) AGAR	CM0929	500G	AS AND WHEN REQUIRED
239	MYP AGAR (MANNITOL EGG YOLK POLYMYXIN AGAR) CM 0929 OXOID	CM0929 OXOID	500G	AS AND WHEN REQUIRED
240	NICHROME WIRE LOOPS 1ML		PACK 10'S	AS AND WHEN REQUIRED
241	NITRATE MOTILITY MEDIUM	OXOID/MERCK/CONDA	500G	AS AND WHEN REQUIRED
242	NITRILE GLOVES (LARGE, MEDIUM)	LARGE	PKT 100S	AS AND WHEN REQUIRED
243	NITRILE GLOVES (LARGE, MEDIUM)	MEDIUM	PKT 100S	AS AND WHEN REQUIRED
244	NITRILE GLOVES (LARGE, MEDIUM)	XXL	PKT 100S	AS AND WHEN REQUIRED
245	NON-ABSORBENT COTTON WOOL (500G)		ROLLS	AS AND WHEN REQUIRED
246	NOVOBIOCIN	SR0181	PACK (10 VIALS)	AS AND WHEN REQUIRED
247	NOVOBIOCIN SUPPLEMENT	SR0181E	PACK (10 VIALS)	AS AND WHEN REQUIRED
248	NUTRIENT AGAR	1.05450 MERCK	500G	AS AND WHEN REQUIRED
249	NUTRIENT AGAR CM0003	CM0003	500G	AS AND WHEN REQUIRED
250	NUTRIENT BROTH	CM0001B OXOID	500G	AS AND WHEN REQUIRED
251	NUTRIENT BROTH NO 2 CM0067	CM0067	500G	AS AND WHEN REQUIRED
252	OGYE AGAR BASE	105978	500G	AS AND WHEN REQUIRED
253	OGYE AGAR BASE	OXOID	500G	AS AND WHEN REQUIRED
254	OGYE AGAR BASE 105978	MERCK	500G	AS AND WHEN REQUIRED
255	OGYE SELECTIVE SUPPLEMENT	109877	PACK (10 VIALS)	AS AND WHEN REQUIRED
256	OGYE SELECTIVE SUPPLEMENT	(SR 0073A)	PACK (10 VIALS)	AS AND WHEN REQUIRED
257	ONPG DISCS (CODE DD13)	DD13	PACK 50 DISCS	AS AND WHEN REQUIRED
258	ORNITHINE DECARBOXYLASE BROTH	OXOID	500G	AS AND WHEN REQUIRED
259	OXIDASE STRIPS	MB0266	PACK 50 STRIPS	AS AND WHEN REQUIRED
260	OXOID AGAR NO. 3	CM0049	500G	AS AND WHEN REQUIRED
261	OXYTETRACYCLINE GLUCOSE YEAST EXTRACT AGAR (OGYE)	CM0545	500G	AS AND WHEN REQUIRED
262	OXYTETRACYCLINE GYE SELECTIVE SUPPLEMENT	SR0073	PACK (10 VIALS)	AS AND WHEN REQUIRED



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263	PALCAM AGAR	CM0877	500G	AS AND WHEN REQUIRED
264	PANCREATIC DIGEST OF CASEIN	OXOID	500G	AS AND WHEN REQUIRED
265	PE-2 MEDIUM	M611	500G	AS AND WHEN REQUIRED
266	PE-2 MEDIUM	OXOID	500G	AS AND WHEN REQUIRED
267	PEPTONE (RVS) BROTH	105438	500G	AS AND WHEN REQUIRED
268	PEPTONE SORBITOL BILE BROTH	17192	500G	AS AND WHEN REQUIRED
269	PEPTONE WATER CM09	CM09	500G	AS AND WHEN REQUIRED
270	PERFRIGENS (TSC) SELECTIVE SUPPLEMENT SR0088	SR0088	PACK (10 VIALS)	AS AND WHEN REQUIRED
271	PERFRINGENS AGAR BASE	CM0587	500G	AS AND WHEN REQUIRED
272	PERFRINGENS AGAR BASE(TSC/SFP)	CM587	500	AS AND WHEN REQUIRED
273	PHOSPHATE BUFFER SOLUTION, PH 7.2	806544-1L	1LITRE	AS AND WHEN REQUIRED
274	PIKVOVSKAYAS AGAR	M520 HIMEDIA	500G	AS AND WHEN REQUIRED
275	POLYMYXIN B SUPPLEMENT	SR0099	PACK (10 VIALS)	AS AND WHEN REQUIRED
276	POLYMYXIN B SUPPLEMENT	SR0099E OXOID	PACK (10 VIALS)	AS AND WHEN REQUIRED
277	POTASSIUM CHLORATE SUPPLEMENT	17777 MILLIPORE	10 VIALS	AS AND WHEN REQUIRED
278	POTASSIUM LACTATE 50% SR37	SR37	PACK (10 VIALS)	AS AND WHEN REQUIRED
279	POTATO DEXTROSE AGAR	CM0139	500G	AS AND WHEN REQUIRED
280	PSEUDOLERT	FOR 100ML SAMPLES	PACK OF 200 TESTS	AS AND WHEN REQUIRED
281	PSEUDOMONAS AGAR BASE CM0559	CM0559	500G	AS AND WHEN REQUIRED
282	PSEUDOMONAS CENTRIMIDE AGAR	CM0579	500G	AS AND WHEN REQUIRED
283	PSEUDOMONAS CETRIMIDE AGAR	OOXOID	500G	AS AND WHEN REQUIRED
284	RABBIT PLASMA (RPF SUPPLEMENT)	SR122	PACK 10'S	AS AND WHEN REQUIRED
285	RAPID L MONO AGAR (OXOID, CONDALAB, SIGMA)	OXOID	500	AS AND WHEN REQUIRED
286	RAPID L MONO SUPPLEMENT (OXOID, CONDALAB, SIGMA)	(OXOID, CONDALAB, SIGMA)	PACK (10 VIALS)	AS AND WHEN REQUIRED
287	RAPID L MONO SUPPLEMENT I (OXOID, CONDALAB, SIGMA)	(OXOID, CONDALAB, SIGMA)	PACK (10 VIALS)	AS AND WHEN REQUIRED
288	RAPID L.MONO AGAR DEHYDRATED BIORAD	3564294	500G	AS AND WHEN REQUIRED
289	RAPID L.MONO AGAR DEHYDRATED BIORAD	BIORAD	500	AS AND WHEN REQUIRED
290	RAPID L.MONO AND RAPID LISTERIA SPP SUPPLIMENT 2	BIORAD	PACK (10 VIALS)	AS AND WHEN REQUIRED
291	RAPID L.MONO AND RAPID LISTERIA SPP. SUPPLEMENT 2 BIORAD	3564746	PACK (10 VIALS)	AS AND WHEN REQUIRED
292	RAPID L.MONO SUPPLEMENT 1 BIORAD	3564294	PACK (10 VIALS)	AS AND WHEN REQUIRED
293	RAPID L.MONO SUPPLIMENT 1	BIORAD	PACK (10 VIALS)	AS AND WHEN REQUIRED
294	RAPPAPORT VASSILIADIS SOYA (RVS) BROTH		500G	AS AND WHEN REQUIRED
295	RAPPAPORT VASSILIADIS SOYA PEPTONE (RVS) BROTH	107700	500G	AS AND WHEN REQUIRED
296	RAPPARPORT VASSILIADS SOYA PEPTONE (RVS) BROTH	CM 0866	500G	AS AND WHEN REQUIRED
297	RAPPARPORT VASSILIADS SOYA PEPTONE (RVS) BROTH	107700 MERCK	500G	AS AND WHEN REQUIRED
298	RE-USABLE 10 MICROLITER NICHROME WIRE INOCULATING LOOPS (MICROBIOLOGY)		PACK OF 10	AS AND WHEN REQUIRED
299	RE-USABLE PIPETTE TIPS, BOX- EPPENDORF BOX 2.0, FOR 100 MICROLITER TIPS		PCS	AS AND WHEN REQUIRED

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300	RHAMNOSE AR	AR	100 G	AS AND WHEN REQUIRED
301	RNA EXTRACTION – QIAGEN DNEASY KIT. 250 REACTIONS		BOX 250 REACTIONS	AS AND WHEN REQUIRED
302	ROSE BENGAL CHLORAMPHENICOL AGAR CM0549B OXOID	CM0549B OXOID	500G	AS AND WHEN REQUIRED
303	SALINE NUTRIENT AGAR	CONDALAB	500G	AS AND WHEN REQUIRED
304	SALINE TRYPTONE WATER	CONDALAB	500G	AS AND WHEN REQUIRED
305	SALINE TSI AGAR	CONDALAB	500G	AS AND WHEN REQUIRED
306	SALMONELLA ANTISERUM H	R30858501/ZD01	2 ML	AS AND WHEN REQUIRED
307	SALMONELLA ANTISERUM O-	R30858201/ZC02	2 ML	AS AND WHEN REQUIRED
308	SALMONELLA ANTISERUM VI-	R30957401/ZC18	2 ML	AS AND WHEN REQUIRED
309	SALMONELLA SHIGELLA AGAR	CM0099	500G	AS AND WHEN REQUIRED
310	SAPONIN	AR	500G	AS AND WHEN REQUIRED
311	SELENITE BROTH BASE (LACTOSE)	CM0395	500G	AS AND WHEN REQUIRED
312	SHAPTON AGAR	M645	500G	AS AND WHEN REQUIRED
313	SHEEP BLOOD AGAR BASE	CM 0854B	500G	AS AND WHEN REQUIRED
314	SHEEP BLOOD AGAR CM0854	CM0854	500G	AS AND WHEN REQUIRED
315	SHIGELLA ANTISERA A	ZE02/R30163701	2ML	AS AND WHEN REQUIRED
316	SHIGELLA ANTISERA B	ZF01/R30163801	2ML	AS AND WHEN REQUIRED
317	SHIGELLA ANTISERA C 12-15	ZG03/R30164101	2ML	AS AND WHEN REQUIRED
318	SHIGELLA ANTISERA C 1-6	ZG01/R30163901	2ML	AS AND WHEN REQUIRED
319	SHIGELLA ANTISERA C 7-11	ZG02/R30164001	2ML	AS AND WHEN REQUIRED
320	SHIGELLA ANTISERA D	ZH01/R30164201	2ML	AS AND WHEN REQUIRED
321	SHIGELLA BROTH BASE	75028	500G	AS AND WHEN REQUIRED
322	SHIGELLA BROTH BASE	CM 1033	500G	AS AND WHEN REQUIRED
323	SIM (SULPHITE INDOLE MOTILITY) AGAR	CM0435B	500G	AS AND WHEN REQUIRED
324	SKIM MILK POWDER FOR MICROBIOLOGY,	115363 MILLIPORE	500G	AS AND WHEN REQUIRED
325	SLANETZ & BARTLEY MEDIUM	CM0377	500G	AS AND WHEN REQUIRED
326	SORBITOL MACCONKEY AGAR	CM0813B OXOID	500	AS AND WHEN REQUIRED
327	SSDC AGAR (SALMONELLA SHIGELLA WITH DEOXYCHOLATE CALCIUM CHLORIDE) CONDALAB/SIGMA	1360	500G	AS AND WHEN REQUIRED
328	STAINLESS STEEL FORCEPS, SHARP, BENT FORM130MM LENGTH		PCS	AS AND WHEN REQUIRED
329	STAINLESS STEEL FORCEPS, STRAIGHT WITH BLUNT END, 130MM LENGTH		PCS	AS AND WHEN REQUIRED
330	STAINLESS STEEL FORCEPS, STRAIGHT WITH SHARP END, 130MM LENGTH		PCS	AS AND WHEN REQUIRED
331	STAINLESS STEEL LABORATORY SCISSORS		PCS	AS AND WHEN REQUIRED
332	STAINLESS STEEL SCALPEL HANDLE		PCS	AS AND WHEN REQUIRED
333	STANDARD PLATE COUNT AGAR CM0463	CM0463	500G	AS AND WHEN REQUIRED
334	STAPHYLOCOCCAL LATEX	DR0850	PACK	AS AND WHEN REQUIRED
335	STAPHYTECT PLUS	DR0850	PACK	AS AND WHEN REQUIRED
336	STERIKON® PLUS BIOINDICATOR FOR AUTOCLAVE VERIFICATION	110274	100/PKT	AS AND WHEN REQUIRED
337	STERILE MINERAL OIL	MB1093	100ML	AS AND WHEN REQUIRED



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338	STOMACHER BAGS STERILE SEAWARD 80-400ML CAPACITY	BA6041/5	PACK/500	AS AND WHEN REQUIRED
339	SULFITE INDOLE MOTILITY AGAR	(OXOID, CONDALAB, SIGMA)	500	AS AND WHEN REQUIRED
340	SULFITE IRON AGAR	110864	500G	AS AND WHEN REQUIRED
341	T.B.X AGAR	92435 MERCK	500G	AS AND WHEN REQUIRED
342	T.C.B.S CHOLERA MEDIUM CM0333	CM0333 OXOID	500G	AS AND WHEN REQUIRED
343	T.O.S PROPIONATE AGAR MEDIUM	101367516	500G	AS AND WHEN REQUIRED
344	TEMPO CONTROL KIT, BIOMERIEUX	#80000	PC	AS AND WHEN REQUIRED
345	TEMPO AEROBIC COUNT	#411113	KT48T	AS AND WHEN REQUIRED
346	TEMPO BAGS	#80015	PKT500	AS AND WHEN REQUIRED
347	TEMPO BC BACILLUS CEREUS (BC) 24H	#80106	KT48T	AS AND WHEN REQUIRED
348	TEMPO CAMPYLOBACTER (CAM)	#421509	KT48T	AS AND WHEN REQUIRED
349	TEMPO ENTEROBACTERIACEAE	#80003	KT48T	AS AND WHEN REQUIRED
350	TEMPO ESCHERISHIA COLI (EC) 24H	#80004	KT48T	AS AND WHEN REQUIRED
351	TEMPO STAPHYLOCOCCUS (COAG+) (STA) 24H	#80002	KT48T	AS AND WHEN REQUIRED
352	TEMPO TOTAL COLIFORMS (TC) 24H	#80006	KT48T	AS AND WHEN REQUIRED
353	TEMPO YEAST & MOLD (YM) 72H #80001	#80001	KT48T	AS AND WHEN REQUIRED
354	TETRATHIONATE BROTH BASE	(OXOID, CONDALAB, SIGMA)	500G	AS AND WHEN REQUIRED
355	THIOGLYCOLATE MEDIUM	CM0173 OXOID	500G	AS AND WHEN REQUIRED
356	THIOGLYCOLATE MEDIUM (BREWER)	(OXOID, CONDALAB, SIGMA)	500G	AS AND WHEN REQUIRED
357	THIOGLYCOLATE MEDIUM(BREWER)	CM0023	500G	AS AND WHEN REQUIRED
358	TICARCILLIN SUPPLEMENT	17778 MILLIPORE	10 VIALS	AS AND WHEN REQUIRED
359	TOS PROPIONATE AGAR MEDIUM	43314 MILLIPORE	500G	AS AND WHEN REQUIRED
360	TRIPLE SUGAR IRON	CM0277	500G	AS AND WHEN REQUIRED
361	TRYPTONE	CM0042	500G	AS AND WHEN REQUIRED
362	TRYPTONE BILE AGAR	CM0595	500G	AS AND WHEN REQUIRED
363	TRYPTONE BILE X-GLUCURONIDE (TBX) MEDIUM (DEHYDRATED)	CM0945 OXOID	500	AS AND WHEN REQUIRED
364	TRYPTONE BILE X-GLUCURONIDE MEDIUM (TBX)	CM0945	500G	AS AND WHEN REQUIRED
365	TRYPTONE GLUCOSE EXTRACT AGAR	CM0127	500G	AS AND WHEN REQUIRED
366	TRYPTONE SOYA YEAST EXTRACT AGAR	M014	500G	AS AND WHEN REQUIRED
367	TRYPTONE SOYA YEAST EXTRACT AGAR	(OXOID, CONDALAB, SIGMA)	500G	AS AND WHEN REQUIRED
368	TRYPTONE WATER	CM0087	500G	AS AND WHEN REQUIRED
369	TRYPTOSE SULPHITE AGAR/TRYPTOSE SULFITE CYCLOSERINE AGAR	93745 MILLIPORE	500G	AS AND WHEN REQUIRED
370	TRYPTOSE-SULFITE CYCLOSERINE AGAR	111972	500G	AS AND WHEN REQUIRED
371	TWEEN 20	AR	500ML	AS AND WHEN REQUIRED
372	TWEEN 80	AR	500ML	AS AND WHEN REQUIRED
373	UREA AGAR BASE	OXOID	500G	AS AND WHEN REQUIRED
374	UREA AGAR BASE (CHRISTENSEN)	108492	500G	AS AND WHEN REQUIRED
375	UREA AGAR BASE CM0053B OXOID	OXOID	500G	AS AND WHEN REQUIRED

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376	VANCOMYCIN SUPPLEMENT	OXOID	PACK10	AS AND WHEN REQUIRED
377	VARISPENSER 2 SINGLE, CHANNEL BOTTLE TOP		PCC	AS AND WHEN REQUIRED
378	VIARIABLE VOLUME PIPETTES 50 - 1000UL		PCS	AS AND WHEN REQUIRED
379	VIOLET RED BILE GLUCOSE AGAR	OXOID/MERCK/CONDA	500G	AS AND WHEN REQUIRED
380	VIOLET RED BILE GLUCOSE AGAR (ISO) CM1082B OXOID	OXOID/MERCK/CONDA	500G	AS AND WHEN REQUIRED
381	VIOLET RED BILE GLUCOSE AGAR CM0485	CM0485	500G	AS AND WHEN REQUIRED
382	VIOLET RED BILE LACTOSE AGAR CM0107	CM0107	500G	AS AND WHEN REQUIRED
383	X.L.D. MEDIUM CM0469	CM0469	500G	AS AND WHEN REQUIRED
384	XYLOSE AR	AR	100 G	AS AND WHEN REQUIRED
385	YEAST EXTRACT	LP0021 OXOID	500G	AS AND WHEN REQUIRED
386	YERSINIA SELECTIVE AGAR BASE (CIN AGAR)	116434	500G	AS AND WHEN REQUIRED
387	YERSINIA SELECTIVE SUPPLEMENT	116466	10 VIALS	AS AND WHEN REQUIRED
388	MEMBRANE FILTER DISPENSER (MILLIPORE)	EZCURVE01	PCS	AS AND WHEN REQUIRED



4. REFERECE CULTURES.

NO	SPECIES	STRAIN ATCC/NTCC NUMBER	ESTIMATE TOTALQUANTITY REQUIRED	UNIT OF MEASURE
1	ACETOBACTER ACETI	15973	AS AND WHEN REQUIRED	PACK/10PELLETS
2	ALICYCLOBACILLUS ACIDOTERESTRIS	49025	AS AND WHEN REQUIRED	PACK/10PELLETS
3	ASPERGILLUS BRASILIENSIS (CRM)	16404	AS AND WHEN REQUIRED	PACK/10PELLETS
4	AZOSPIRILLUM BRASILENSE	29145	„	PACK/10PELLETS
5	AZOTOBACTER CHROOCOCUM BEIJERINCK	9043	„	PACK/10PELLETS
6	BACILLUS CEREUS (CRM)	10876	„	PACK/10PELLETS
7	BACILLUS MEGATERIUM	14581	„	PACK/10PELLETS
8	BIFIDOBACTERIUM BIFIDUM	11863	„	PACK/10PELLETS
9	CAMPYLOBACTER JEJUNI	11322	„	PACK/10PELLETS
10	CANDIDA ALBICANS (CRM)	10231	„	PACK/10PELLETS
11	CLOSTRIDIUM PERFRINGENS	13124	„	PACK/10PELLETS
12	CRONOBACTER MUJTJENSII	51329	„	PACK/10PELLETS
13	CRYPTOSPORIDIUM PARASITE SUSPENSION	FP02	„	PACK/10PELLETS
14	ENTEROBACTER AEROGENES	13048	„	PACK/10PELLETS
15	ENTEROCOCCUS FAECALIS(CRM)	29212	„	PACK/10PELLETS
16	ESCHERICHIA COLI	25922	„	PACK/10PELLETS
17	ESCHERICHIA COLI 0157:H7	43888	„	PACK/10PELLETS
18	GIARDIA LAMBLIA PARASITE SUSPENSION	FP01	„	PACK/10PELLETS
19	HELICOBACTER PYLORI	26695	„	PACK/10PELLETS
20	KLEBSIELLA PNEUMONIAE (CRM)	10031	„	PACK/10PELLETS
21	LACTOBACILLUS ACIDOPHILUS	4356	„	PACK/10PELLETS
22	LACTOBACILLUS DELBRUECKII SUBSP. BULGARICUS	11842	„	PACK/10PELLETS
23	LACTOBACILLUS FERMENTUM(CRM)	9338	„	PACK/10PELLETS
24	LEGIONELLA PNEUMOPHILA	33152	„	PACK/10PELLETS
25	LEUCONOSTOC MESENEROIDES	10830	„	PACK/10PELLETS
26	LISTERIA INNOCUA(CRM)	33090	„	PACK/10PELLETS



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27	LISTERIA MONOCYTOGENES(CRM)	13932	„	PACK/10PELLETS
28	PSEUDOMONAS AERUGINOSA	27853	„	PACK/10PELLETS
28	RHIZOBIUM LEGUMINOSARUM	10004	„	PACK/10PELLETS
29	RHIZOBIUM RHIZOGENES	43057		PACK/10PELLETS
30	RHODOSPIRILLUM RUBRUM	11170	„	PACK/10PELLETS
31	RODOCOCCUS EQUI	6939	„	PACK/10PELLETS
32	SACCHAROMYCES CEREVISIAE(CRM)	2601	„	PACK/10PELLETS
33	SALMONELLA TYPHIMURIUM(CRM)	13311	„	PACK/10PELLETS
34	SHIGELLA SONNEI	9290	„	PACK/10PELLETS
35	STAPHYLOCOCCUS AUREUS(CRM)	25923	„	PACK/10PELLETS
36	STAPHYLOCOCCUS EPIDERMIDIS	12228	„	PACK/10PELLETS
37	STREPTOCOCCUS THERMOPHILUS	19258	„	PACK/10PELLETS
38	VIBRIO FLUVIALIS	33809	„	PACK/10PELLETS
39	VIBRIO.PARAHAEMOLYTICUS	17802	„	PACK/10PELLETS
40	YERSINIA ENTEROLITICA	27729		PACK/10PELLETS
41	CRYOISANT: POROUS BEADS FOR PRESERVATION OF MICROBIAL CULTURES	TEMPERATUE RANGE UPTO - (MINUS) 190° C, LONG SKIRT CAP WITH SILICON GASKET, CRYOVIALS OF DIFFERENT COLOURS, CRYOVIALS PACKED IN RACK OF 100UNITS. EACH BOX IS SUPPLIED LABELLED WITH INDICATION OF CODE, BATCH, EXPIRATION, CAP COLOUR AND SHRINK WRAP.	AS AND WHEN REQUIRED	BOX OF 100UNITS OF DIFFERENT COLOURS
42	LYOPHILIZATION FREEZE -DRYING 20MM RUBBER STOPPER	3- SPLIT/LEGS FOR FREEZE DRYING VIALS. PACKAGED IN CASE OF 400 COMPATIBLE WITH OPS DIAGNOSTICS 10ML VIAL	AS AND WHEN REQUIRED	PACK OF 400PCS
43	20MM ALUMINIUM FULL TEAR-OFF NATURAL SEAL.	FOR FREEZE DRYING VIALS, CASE OF 400 PCS. COMPATIBLE WITH OPS DIAGNOSTIC 10ML SERUM VIALS	AS AND WHEN REQUIRED	PACK OF 400PCS
45	125ML WIDE-NECK TRANSLUCENT, RIGID POLYPROPYLENE BOTTLES	CAPABLE OF WITHSTANDING STEAM STERILIZATION/ AUTOCLAVABLE CONDITIONS	AS AND WHEN REQUIRED	PCS
46	MICROBIAL FREEZE DRYING BUFFER, FILTER STERILIZED	OPS DIAGNOSTICS (MFDB 500-06)	AS AND WHEN REQUIRED	500ML



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47	SUCROSE, 500 GM, LYOPHILIZATION CERTIFIED	OPS DIAGNOSTICS (EXSU 500-03)	AS AND WHEN REQUIRED	500G
48	LYOPHILIZATION REAGENT (2X), FILTER STERILIZED	OPS DIAGNOSTICS (LR2X 500-02)	AS AND WHEN REQUIRED	500ML
49	MANNITOL, 500G, USP GRADE, LYOPHILIZATION CERTIFIED	OPS DIAGNOSTICS (EXMN 500-01)	AS AND WHEN REQUIRED	500G
50	FREEZE DRYIN INDICATOR, FILTER STERILIZED	OPS DIAGNOSTICS LRFI 500-04	AS AND WHEN REQUIRED	500ML
51	10ML CLEAR VIALS FOR LYOPHILIZATION (LBVC 10-400-11)	OPS DIAGNOSTICS (LBVC 10-400-11)	AS AND WHEN REQUIRED	PACK OF 400
52	20MM ALLUMINIUM SEALS FOR 10ML GLASS VIALS	OPS DIAGNOSTICS (TNAS 20-400-16)	AS AND WHEN REQUIRED	PACK OF 400
NO.	ITEM NAME/DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	
1	ZINC BASE CRM MATERIAL	CRM	PCS	
2	FOR SPARK OES	CRM	PCS	
3	PAINT CRM	CRM		
4	DENSITY CRM, DIESEL 250ML	CRM	BOTTLES	
5	DISTILLATION CRM, DIESEL 500ML	CRM	BOTTLES	
6	KINEMATIC VISCOSITY CRM, 250ML	CRM	BOTTLES	
7	CRM- PESTICIDE RESIDUES IN TEA 1 AMPOULE	CRM		
8	PORTLAND CEMENT CRM (NIST SRM 18806)	CRM		
9	BASE OIL CRM	CRM	500ML	

5. Molecular Items

NO	ITEM DESCRIPTION	SPECIFICATIONS	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY REQUIRED
1	RNASE A	12091-021	VIAL (10ML)	AS AND WHEN REQUIRED
2	DNASE, RNASE FREE	EN0521	1 U/ μ L	AS AND WHEN REQUIRED
3	NUCLEASE FREE WATER	ULTRA-PURE WATER FOR MOLECULAR BIOLOGY	1L	AS AND WHEN REQUIRED
4	PROMEGA WIZARD MAGNETIC DNA EXTRACTION KIT FOR FOOD	FF3750	BOX (400 PREPS)	„
5	OLIGONUCLIOTIDE SEQUENCES			„
6	ZYMO GENOMIC SOIL, FUNGI AND BACTERIA DNA KIT	D6005	BOX (50 PREPS)	„



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7	DNA METHYLATION START-UP KIT EPIJET	K1441	BOX (200 REACTIONS)	”
8	E.Z.N.A.® CYCLE PURE KIT: DNA CLEAN UP KIT	D6492-01	BOX (200 REACTIONS)	”
9	ZYMO DNA DEGRADASE PLUS	E2021	1000 U	”
10	TAQ POLYMERASE	A111103	VIAL(1ML)	”
11	PCR MGCL 25MM	R0971	BOX (4 X 1.25 ML)	”
12	CORAL RED PCR MASTER MIX:REDTAQ® READYMIX™	R2523-100RXN	BOX (100REACTIONS)	”
13	NEB® PCR CLONING KIT NEB	E1202S	BOX (20REACTIONS)	”
14	TA CLONING KITS	K202040	BOX (40REACTIONS)	”
15	READY PREP PROTEIN EXTRACTION KIT	1632086	BOX (20PREPS)	”
16	NEB RESTRICTION ENZYMES HINDIII, ECOR1, ECOR5, NCO1, BAMHI,BGL2, SAC1,SAC11,XBALI, PMLI,XMN I,	FORWARD AND REVERSE	VIALS	”
17	PROTEIN MOLECULAR LADDER 10-250 KD	1610374	VIAL (50 APPLICATIONS)	”
18	PEG 6000	25322-68-3	250G	”
19	PEG 8000	V3011	500G	”
20	MANNITOL	63559-250G	250G	”
21	ONETAQ® RT-PCR KIT	E5310S	BOX OF (30REACTIONS)	”
22	TRANSCRIPTOR ONE-STEP RT-PCR KIT	4655877001	BOX (50REACTIONS)	”
23	SODIUM ACETATE	AR	1000ML	”
24	PHENOL	AR	1000ML	”
25	B-MERCAPTOETHANOL	AR	1000ML	”
26	CHLOROFORM	AR	1000ML	”
27	AMMONIUM ACETATE	10359	125ML	”
28	BROMOPHENOL BLUE		VIAL(1ML)	”
29	MILLI-Q WATER	ULTRA PURE WATER FOR MOLECULAR BIOLOGY	500ML	”
30	PCR 8-STRIPE TUBES AND 8-STRIPE CAPS	STERILE	PCS	”
31	PIPETTE HOLDER	EPPENDORF	PCS	”
32	FLAT BOTTOM CONICAL FLASKS AND STOPPERS 500ML	PYREX CLASS A	PCS	”
33	FLAT BOTTOM CONICAL FLASKS AND STOPPERS 1000ML	PYREX CLASS A	PCS	”
34	LURIA BROTH		500G	”
35	PCR MASTER MIX	K0171	PACK/4 VIALS	”
36	SYBER GREEN FOR RT-PCR	QIAGEN	VIAL (1ML)	”
37	TAQMAN REALTIME-PCR KIT	QIAGEN	VIAL (1ML)	”
38	PLASMID DNA EXTRACTION KIT - QIAGEN	QIAGEN DNEASY KIT	BOX (250 REACTIONS)	”
39	RNA EXTRACTION KIT - QIAGEN	QIAGEN DNEASY KIT	BOX (250 REACTIONS)	”

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40	GENOMIC DNA EXTRACTION KIT – QIAGEN	QIAGEN KIT	BOX (250 REACTIONS)	”
41	FOOD DNA EXTRACTION KIT	CAT 54500	BOX (50 REACTIONS)	”
42	MOLECULAR WEIGHT MARKERS (100BP-1KB)	5401200	VIAL	”
43	MOLECULAR WEIGHT MARKERS (100BP-3KB)	5401300	VIAL	”
44	PCR FRAGMENT PURIFICATION KIT – QIAGEN	QIAGEN KIT	BOX	”
45	PUREIT EXOZAP PCR CLEANUP	7200100	VIAL(1ML)	”
46	TNOS PRIMERS(FORWARD AND REVERSE)	HPLC PURIFIED	VIAL(1ML)	”
47	P35S PRIMERS (FORWARD AND REVERSE)	HPLC PURIFIED	VIAL(1ML)	”
48	DNTPS SOLUTION MIX	6100850	VIAL(0.2MLS)	”
49	PCR BUFFER (10X STANDARD BUFFER)	5100510	VIAL (10*1.5ML)	”
50	MULTIPLEX TEMPASE 2X MASTER MIX	A260303	VIAL (500 REACTIONS)	”
51	Q-SOLUTION/ DMSO		VIAL(1ML)	”
52	AGAROSE GEL POWDER	AR	100G	”
53	LITHIUM CHLORIDE	AR	500G	”
54	TRIS-HCL	AR	500G	”
55	TRIS- BASE	AR	500G	”
56	CTAB BUFFER	CEB500-02	500ML	”
57	BORIC ACID	AR	1KG	”
58	GELRED NUCLEIC ACID STAIN	SCT123	VIAL(0.5ML)	”
59	EPPENDORF TUBES 1.5ML	COLOURLESS	BOX(1000PCS)	”
60	EPPENDORF TUBES 2ML	COLOURLESS	BOX(1000PCS)	”
61	PCR PLATES (ABI)	N8010560	PACK/10PCS	”
62	LOADING DYES	5400200	VIAL(1ML)	”
63	EDTA	AR	100G	”
64	PROTEINASE K	EO0491	VIAL(1ML)	”
65	ETHANOL	BIOULTRA GRADE, >99.8%	2.5L	”
66	ISOAMYL ALCOHOL	AR	2.5L	”
67	PHADEBAS TABLETS	AR	100 TABLETS PER BOTTLE	”
68	SOLVENT DISPENSERS	ORGANIC SOLVENT RESISTANT- 5ML	PC	”
69		ORGANIC SOLVENT RESISTANT- 10ML	PC	”
70		ORGANIC SOLVENT RESISTANT- 50ML	PC	”
71		ORGANIC SOLVENT RESISTANT- 100ML	PC	”
72		ORGANIC SOLVENT RESISTANT- 10ML	PC	”
73	PH & CONDUCTIVITY METER PROBES	PH & CONDUCTIVITY METER PROBES	PC	”
74	DNA EXTRACTION KIT (FOR BK-HS96 AUTOMATED MACHINE)-PLANT DNA	CH-11-2, 96T/KIT	PC	”



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75	DNA EXTRACTION KIT (FOR BK-HS96 AUTOMATED MACHINE)-BACTERIAL DNA	CH-10-2, 96T/KIT	PC	”
76	SURETECT CAMPYLOBACTER JEJUNI,C.COLI,C.LARI PCR ASSAY KIT	96 TESTS/KIT, THERMO A56835	PC	”
77	TAQMAN® GMO SCREENING KIT	4X48 RXNS, THERMO 4466334	PC	”
78	TAQMAN™ GMO MAIZE 35S DETECTION KIT	100 RXNS, THERMO 4327693	PC	”
79	TAQMAN® RR SOYA QUANTIFICATION KIT	2X48 RXNS, THERMO 4466335	PC	”
80	SURETECT™ VIBRIO CHOLERAЕ, V.PARAHAEMOLYTICUS AND V. VULNIFICUS PCR ASSAY	96 TESTS, THERMO A56837	PC	”
81	SURETECT CRONOBACTER SPECIES PCR ASSAY KIT	96 TESTS, THERMO A56845	PC	”
82	TAQMAN® GMO EXTRACTION KIT	50 PREPS, THERMO 4466336	PC	”
83	RAPIDFINDER EQUINE ID KIT	48 TESTS, THERMO A15570	PC	”
84	RAPIDFINDER BEEF ID KIT	48 TESTS, THERMO A24391	PC	”
85	RAPIDFINDER HALAL ID KIT	48 TESTS, THERMO A47086	PC	”
86	0.2ML OPTICAL 96-WELL REACTION PLATE COMPATIBLE WITH QUANT 5 STUDIO	N8010560	PACK/10PCS	”
	GDR PCR TEST SYSTEM			
87	RESUSPENSION PLATE 120 PLATES	73006BC	PACK/120 PLATES	AS AND WHEN REQUIRED
88	PICKPEN 96TIPS+RACK	73087BC	PACK/96 TIPS	AS AND WHEN REQUIRED
89	GDS, ADHESIVE FILM STRIPS CONTAINS:	73026BC	50 SHEETS OF 4 STRIPS	AS AND WHEN REQUIRED
90	GDS SAMPLE WELL BASE (GDS, SAMPLE WELL BASE, PLASTIC RECTANGULAR RACK MOLDED FROM POLYPROPYLENE, WHICH HOLDS SIX REMOVABLE STRIPS (EACH OF EIGHT WELLS) FOR USE WITH GDS KITS, CONTAINS: 10 BASES STORAGE: ROOM TEMP)	73043BC	PCS	AS AND WHEN REQUIRED
	GDS SAMPLE WELLS (GDS, SAMPLE WELLS FOR USE WITH GDS KITS,CONTAINS: 8 WELLS/STRIP, 200 QTY)	73044BC	PCS	AS AND WHEN REQUIRED
91	GDS PICKPEN II TIPS (GDS, DISPOSABLE PICKPEN II TIPS, BULK BAGCONTAINS: 500 TIPS)	73085BC	PACK/500 TIPS	AS AND WHEN REQUIRED
92	GDS, GENETIC DETECTION SYSTEM KIT, FOR E. COLI O157:H7 TQ IN FOODS, INGREDIENTS, AND ENVIRONMENTAL SAMPLES	71007-100	100 TESTS	AS AND WHEN REQUIRED
93	GDS SHIGA TOXIN GENES KIT (O157) TQ, FOR THE DETECTION OF SHIGA TOXIN PRODUCING E COLI O157:H7 IN FOODS, INGREDIENTS AND ENVIRONMENTAL SAMPLES	71005-100	100 TESTS	AS AND WHEN REQUIRED
94	GDS MPX TOP 7 STEC KIT, FOR THE DETECTION OF E. COLI O157:H7 AND THE “TOP SIX” NON-O157 SHIGA TOXIGENIC E. COLI (STEC).	71015-100	100 TESTS	AS AND WHEN REQUIRED



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95	GDS SALMONELLA TQ KIT, FOR THE DETECTION OF SALMONELLA IN FOOD AND ENVIRONMENTAL SAMPLES	71008-100	100 TESTS	AS AND WHEN REQUIRED
96	GDS EHEC ID FOR E. COLI O157:H7 KIT; SUITABLE FOR PCR TESTING IN FOOD AND BEVERAGES APPLICATIONS	71037BC	52 TESTS	AS AND WHEN REQUIRED
97	GDS LISTERIA SPP. TQ KIT, SUITABLE FOR PCR TESTING IN FOOD AND BEVERAGES APPLICATIONS	71009-100	100 TESTS	AS AND WHEN REQUIRED
98	GDS LISTERIA MONOCYTOGENES TQ KIT, SUITABLE FOR PCR TESTING IN FOOD AND BEVERAGES APPLICATIONS	71010-100	100 TESTS	AS AND WHEN REQUIRED
99	GDS SALMONELLA HET TQ KIT, SUITABLE FOR PCR TESTING IN FOOD AND BEVERAGES APPLICATIONS.	71022-100	100 TESTS	AS AND WHEN REQUIRED
100	GDS CRONOBACTER TQ II KIT, SUITABLE FOR PCR TESTING IN FOOD AND BEVERAGES APPLICATIONS.	71038BC	100 TESTS	AS AND WHEN REQUIRED
101	GDS MPX ID FOR TOP STEC, MOLECULAR BASED SECONDARY SCREENING PCR TEST FOR THE DETECTION AND IDENTIFICATION OF "TOP SIX" NON-O157 SHIGA TOXIGENIC E. COLI (STEC) IN FOOD AND ENVIRONMENTAL SAMPLES.	71019BC	52 TESTS	AS AND WHEN REQUIRED
102	ASSURANCE® GDS POLY IMS - TOP STEC CONTAINS A MIXTURE OF ANTIBODY-COATED PARAMAGNETIC PARTICLES TARGETED AGAINST THE TOP 7 SEROGROUPS OF SHIGA TOXIGENIC E. COLI (STEC).	61030BC	1 BOTTLE OF 2.4ML	AS AND WHEN REQUIRED

6.GASES

NO.	ITEM DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY REQUIRED
1	ARGON ULTRA PURE	UHP OR >99.999%	CYLINDER 150BARS	AS AND WHEN REQUIRED
2	HELIUM ULTRA PURE	UHP OR >99.999%	CYLINDER 150BARS	AS AND WHEN REQUIRED
3	NITROGEN ULTRA PURE	UHP OR >99.999%	CYLINDER 150BARS	AS AND WHEN REQUIRED
4	HYDROGEN	UHP OR >99.999%	CYLINDER 150BARS	AS AND WHEN REQUIRED
5	MEDICAL AIR	UHP OR >99.999%	CYLINDER 150BARS	AS AND WHEN REQUIRED
6	LPG	GENERAL GRADE	BULK	AS AND WHEN REQUIRED
7	LPG CYLINDER	GENERAL GRADE	13KG	AS AND WHEN REQUIRED
8	METHANE	UHP OR >99.999%	CYLINDER	AS AND WHEN REQUIRED
9	GAS MIXTURE	AR, TRACEABILITY TO SI MANDATORY (CH4 1.45%, CO 60PPM, O2 15%, H2S 20PPM, N2 BALANCE NOX)	CYLINDER	AS AND WHEN REQUIRED
10	ETHANOL STANDARD SOLUTION	AR, TRACEABILITY TO SI MANDATORY (80MG/100ML)	CYLINDER	AS AND WHEN REQUIRED
11	ETHANOL STANDARD SOLUTION	AR, TRACEABILITY TO SI MANDATORY (20MG/100ML)	CYLINDER	AS AND WHEN REQUIRED
12	NITROGEN	99.9% PURITY	CYLINDER 150BARS	AS AND WHEN REQUIRED
13	LPG STANDARDS	TRACEABLE TO SI	CANISTER	AS AND WHEN REQUIRED
14	ACETYLENE GAS	UHP OR >99.999%	CYLINDER	AS AND WHEN REQUIRED
15	LIQUID NITROGEN	UHP OR >99.999%	CYLINDER 10L	AS AND WHEN REQUIRED
				AS AND WHEN REQUIRED



7. ELECTRICAL ITEMS

ITEM NO.	ITEM DESCRIPTION	SPECIFICATION	ESTIMATE TOTAL QUANTITY REQUIRED
1	HEAT RESISTANCE TAPE	ROLL	AS AND WHEN REQUIRED
2	PVC INSULATION TAPE	ROLL	AS AND WHEN REQUIRED
3	SOLDER WIRE (1MM THICKNESS)	ROLL	AS AND WHEN REQUIRED
4	PETROLEUM SPIRIT (HEXANE-0.68KG/LT)	LITRES	AS AND WHEN REQUIRED
5	THERMOCOUPLE WIRE, TYPE K - 0.5MM	METERS	AS AND WHEN REQUIRED
6	DRY PRIMARY CELLS - LR6, 1.5V (SIZE AA)	PIECES	AS AND WHEN REQUIRED
7	DRY PRIMARY CELLS - 6LR61, 9V	PIECES	AS AND WHEN REQUIRED
8	DRY PRIMARY CELLS 1.5V SIZE AAA	PIECES	AS AND WHEN REQUIRED
9	9V ALKALINE BATTERY	PIECES	AS AND WHEN REQUIRED
10	THERMOHYGROMETER LOGGERS	1. SMART 2. MINUS 50 TO POSITIVE 70 DEG CELCIOUS 3. 5 TO 90% RH	AS AND WHEN REQUIRED
11	OVEN AND FURNACE TEMPERATURE LOGGERS	1. SMART 2. 70 TO 1200 DEG CELCIOUS	AS AND WHEN REQUIRED
12	LITHIUM BATTERIES FOR DATA/TEMPERATURE LOGGERS	1. ATLEAST 3V 2. EXTREME TEMPERATURE TOLERANT 3. 2 TO 3 CM DIAMETERS	AS AND WHEN REQUIRED

8. MECHANICAL, CIVIL AND NON-DESTRUCTIVE(NDT) LABORATORIES

ITEM NO.	ITEM DESCRIPTION	SPECIFICATION	ESTIMATE TOTAL QUANTITY REQUIRED
1	AGFA D4 NIF INDUSTRIAL X-RAY FILM - 100 * 200MM	PACKETS	AS AND WHEN REQUIRED
2	AGFA D4 NIF INDUSTRIAL X-RAY FILM - 100 * 400MM	PACKETS	AS AND WHEN REQUIRED
3	AGFA D5 NIF INDUSTRIAL X-RAY FILM - 100 * 200MM	PACKETS	AS AND WHEN REQUIRED
4	AGFA D5 NIF INDUSTRIAL X-RAY FILM - 100 * 400MM	PACKETS	AS AND WHEN REQUIRED
5	AGFA STRUCTURIX CERTIFIED DENSTEP	PCS	AS AND WHEN REQUIRED
6	MANUAL INDUSTRIAL X-RAY FILM PROCESSING CHEMICALS – DEVELOPER	KGS	AS AND WHEN REQUIRED
7	MANUAL INDUSTRIAL X-RAY FILM PROCESSING CHEMICALS – FIXER	KGS	AS AND WHEN REQUIRED
8	AUTOMATIC INDUSTRIAL X-RAY FILM PROCESSING CHEMICALS - DEVELOPER	LITRES	AS AND WHEN REQUIRED
9	AUTOMATIC INDUSTRIAL X-RAY FILM PROCESSING CHEMICALS - FIXER	LITRES	AS AND WHEN REQUIRED
10	ABRASIVE GRIT PAPER FOR POLISHING (GRITS OF DIFFERENT SIZES)	PCS	AS AND WHEN REQUIRED
11	GRIT PAPER/POLISHING CLOTHS (GRITS OF DIFFERENT SIZES)	ROLLS (50M)	AS AND WHEN REQUIRED
12	ETCHING CHEMICALS FOR MACRO EXAMINATION – NITRIC ACID	LITRES	AS AND WHEN REQUIRED
13	ETCHING CHEMICALS FOR MACRO EXAMINATION – ETHANOL 100% AR	LITRES	AS AND WHEN REQUIRED
14	VISIBLE DYE PENETRANT KITS - 4 CLEANER, 3 RED DYE, 3 DEVELOPER & LINT FREE CLOTH	SET	AS AND WHEN REQUIRED
15	WATER WASHABLE FLUORESCENT PENETRANT, PENETRANT TYPE I ACC. ASTM E1417,PENETRANT TYPE I, METHOD A, SENSITIVITY LEVEL 2.	CANS	AS AND WHEN REQUIRED
	DEVELOPER FOR PENETRANT TESTING ACC. TO EN ISO 3452:2 TYPE I, II & III, CARRIER MEDIUM: WATER	PENS	AS AND WHEN REQUIRED
16	SOLVENT-BASED DEVELOPER FOR PENETRANT TESTING; EN ISO 3452:5	PENS	AS AND WHEN REQUIRED



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17	WATER AND SOLVENT REMOVABLE, PENETRANT RED AND FLUORESCENT, PENETRANT TYPE II OR TYPE III, SENSITIVITY LEVEL 2 ACC. EN ISO 3452: (PEN)	PENS	AS AND WHEN REQUIRED
18	PRE-CLEANER AND PENETRANT REMOVER	PENS	AS AND WHEN REQUIRED
19	REMOVER FOR PENETRANT TESTING ACCORDING TO EN ISO 3452-1, EN ISO 3452-6 AND ASTM E1417	PENS	AS AND WHEN REQUIRED
20	LINT FREE CLOTHS	ROLL OF 500 SHEETS	AS AND WHEN REQUIRED
21	6KG CYLINDER GENERAL GRADE	PCS	AS AND WHEN REQUIRED
22	MAGNAFLUX AGNAGLO 14HF FLUORESCENT MAGNETIC INK	LITRES	AS AND WHEN REQUIRED
23	MAGNAFLUX CARRIER II - OIL BASED CARRIER FOR MPI	LITRES	AS AND WHEN REQUIRED
24	MAGNAFLUX MAGNAGLO 14A - WET METHOD FLUORESCENT PARTICLES	KGS	AS AND WHEN REQUIRED
25	MAGNAFLUX DRY POWDER FLUORESCENT PARTICLES	KGS	AS AND WHEN REQUIRED
26	MAGNETIC POWDER READY TO USE SUSPENSION (ASME)	CANS	AS AND WHEN REQUIRED
27	COUPLANT GEL FOR ULTRASONIC TESTING	LITRES	AS AND WHEN REQUIRED
28	ULTRASONIC TESTING COUPLING POWDER	PACKETS	AS AND WHEN REQUIRED
29	UV TORCH BATTERIES (RECHARGEABLE)	SETS	AS AND WHEN REQUIRED
30	WHITEBOARD MARKER - WIPEABLE	PCS	AS AND WHEN REQUIRED
31	PAINT REMOVER	LITRES	AS AND WHEN REQUIRED
32	STANDARD SAND	PCS	AS AND WHEN REQUIRED
33	4MM THICK PLY WOOD	PCS	AS AND WHEN REQUIRED
34	ROAD MARKER THINNER	LITRES	AS AND WHEN REQUIRED
35	BUFFER STANDARD PH 10	LITRES	AS AND WHEN REQUIRED
36	BUFFER STANDARD PH 4	LITRES	AS AND WHEN REQUIRED
37	BUFFER STANDARD PH 7	LITRES	AS AND WHEN REQUIRED
38	METHYL ETHYL KETONE AR	2.5LTRS	AS AND WHEN REQUIRED
39	TETRACHLOROETHYLENE	2.5LTRS	AS AND WHEN REQUIRED
40	CITRIC ACID AR	KGS	AS AND WHEN REQUIRED
41	LITHIUM HEAVY DUTY GREASE	KGS	AS AND WHEN REQUIRED
42	GLYCEROL	2.5LITRES	AS AND WHEN REQUIRED
43	ALUMINIUM OXIDE AR	KGS	AS AND WHEN REQUIRED
44	RIVER SAND	TONS	AS AND WHEN REQUIRED
45	HYDROCHLORIC ACID AR	2.5LITRES	AS AND WHEN REQUIRED
46	SILICON	KGS	AS AND WHEN REQUIRED
47	ANTIMONY TRICHLORIDE	KGS	AS AND WHEN REQUIRED
48	HACKSAW BLADES	PCS	AS AND WHEN REQUIRED
49	STAINLESS FLAT BARS 5MM(THICKNESS)*40MM(WIDTH)*3M LONG	PCS	AS AND WHEN REQUIRED
50	STAINLESS STEEL SQUARE ROD 19.2MM*19.2MM*3 M LONG	PCS	AS AND WHEN REQUIRED
51	CARBIDE TIPPED METAL CUTTING TOOL(HSS)	PCS	AS AND WHEN REQUIRED
52	WEDGE GRIP GRAPHITE GREASE	125 ML	AS AND WHEN REQUIRED
53	FRET WIRE CUTTER	PCS	AS AND WHEN REQUIRED
54	THERMOCOUPLE TEMPERATURE PROBES WITH TYPE K PLUG	PCS	AS AND WHEN REQUIRED
55	WIRE BRUSH	PCS	AS AND WHEN REQUIRED
56	FLUORESCENT UV LAMP TYPE 1A LAMPS	PCS	AS AND WHEN REQUIRED
57	WATER FILTER FOR ACCELARATED WEATHERING MACHINE(PP COTTON FILTER ELEMENT ONE MICRON)	PCS	AS AND WHEN REQUIRED



58	HYDAULIC OIL FOR COMPRESSION MACHINES - ISO VG 68	20 LITRES	AS AND WHEN REQUIRED
59	HYDAULIC OIL FOR TENSILE MACHINES - ISO VG 46	20 LITRES	AS AND WHEN REQUIRED
60	VERNIER CALLIPER BATTERIES - CR2032 3V	PCS	AS AND WHEN REQUIRED
61	VERNIER CALLIPER BATTERIES - SR 44	PCS	AS AND WHEN REQUIRED

9.MYCOTOXIN AND ANTIBIOTICS

NO.	ITEM DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY
1	AFLATOXIN TOTAL	ELISA 96 WELLS	96/BOX	AS AND WHEN REQUIRED
2	AFLATOXIN B1	ELISA 96 WELLS	96/BOX	AS AND WHEN REQUIRED
3	AFLATOXIN M1	ELISA 96 WELLS	96/BOX	AS AND WHEN REQUIRED
4	FUMONISINS	ELISA 96 WELLS	96/BOX	AS AND WHEN REQUIRED
5	OCHRATOXINS	ELISA 96 WELLS	96/BOX	AS AND WHEN REQUIRED
6	T-2 TOXIN	ELISA 96 WELLS	96/BOX	AS AND WHEN REQUIRED
7	DEOXYNIVALENOL	ELISA 96 WELLS	96/BOX	AS AND WHEN REQUIRED
8	5 IN 1 RAPID ANTIBIOTIC TEST KIT	B-LACTAMS, TETRACYCLINE, SULPHONAMIDES,	PKT	AS AND WHEN REQUIRED
		CHLORAMPHENICOL	PKT	AS AND WHEN REQUIRED
	3 IN 1 RAPID ANTIBIOTIC TEST KIT	B-LACTAMS, TETRACYCLINE, SULPHONAMIDES	PKT	AS AND WHEN REQUIRED
9	2 IN 1 RAPID ANTIBIOTIC TEST KIT	B-LACTAMS & TETRACYCLINE	PKT	AS AND WHEN REQUIRED
10	CHARM II TETRACYCLINE TEST FOR MRLS	TET2-043C	PKTS	AS AND WHEN REQUIRED
11	CHARM II TEST FOR SULFA DRUGS IN MILK AT MRL	SULFA-030G	PKTS	AS AND WHEN REQUIRED
12	CHARM II BETA-LACTAM TEST FOR MRLS	TBL8-050E	PKTS	AS AND WHEN REQUIRED
13	CHARM II TEST FOR TEST FOR TETERACYCLINE IN MILK	TET2-043C	PKTS	AS AND WHEN REQUIRED
14	CHARM II AMINOGLYCOSIDE TEST FOR GENTAMICIN AND NEOMYCIN IN MILK	GTBL-023	PKTS	AS AND WHEN REQUIRED
15	CHARM II MACROLIDE TEST FOR MRLS IN MILK	ETBL-033G	PKTS	AS AND WHEN REQUIRED
16	CHARM II TEST FOR CHLORAMPENICOL AND OTHER AMPHENICOLS IN MILK	CAP-024B	PKTS	AS AND WHEN REQUIRED
17	CHARM II TEST FOR TETRACYCLINE IN HONEY	TETH-016D	PKTS	AS AND WHEN REQUIRED
18	CHARM II CHLORAMPENICOL TEST IN HONEY	ATBLH-008C	PKTS	AS AND WHEN REQUIRED
19	CHARM II TEST FOR TETRACYCLINE IN TISSUE	TMSU-028A	PKTS	AS AND WHEN REQUIRED
20	CHARM II TEST FOR BETA-LACTAMS IN TISSUE	PMSU-050K	PKTS	AS AND WHEN REQUIRED
21	CHARM II TEST FOR SULFA DRUGS IN TISSUE	SMMSU-023	PKTS	AS AND WHEN REQUIRED
22	CHARM II MACROLIDE TEST IN TISSUE	EMSU-026B	PKTS	AS AND WHEN REQUIRED
23	CHARM II STREPTOMYCIN TEST IN TISSUE	STMSU-025E	PKTS	AS AND WHEN REQUIRED
24	CHARM II AMPHENICOLS TEST FOR TISSUE	CMSU-025	PKTS	AS AND WHEN REQUIRED
25	CHARM II AMINOGLYCOSIDE TEST FOR GENTAMICIN AND NEOMYCIN IN TISSUE	GTBL-023	PKTS	AS AND WHEN REQUIRED
26	CHARM II TEST FOR TETRACYCLINE IN EGGS	TMSU-028A	PKTS	AS AND WHEN REQUIRED
27	CHARM II MACROLIDE TEST IN EGGS	EMSU-026B	PKTS	AS AND WHEN REQUIRED
28	CHARM II TEST FOR BETA-LACTAMS IN EGGS	PMSU-050K	PKTS	AS AND WHEN REQUIRED

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29	CHARM II STREPTOMYCIN TEST IN EGGS	STMSU-025F	PKTS	AS AND WHEN REQUIRED
30	CHARM II TEST FOR SULFA DRUGS IN EGGS	SMMSU-023	PKTS	AS AND WHEN REQUIRED
31	CHARM II CIDELITE TEST FOR PESTICIDES	870-0081	PKTS	AS AND WHEN REQUIRED
32	AFLATOXIN G1 STANDARD	POWDER, 10MG	PCS	AS AND WHEN REQUIRED
33	AFLATOXIN G2 STANDARD	POWDER, 10MG	PCS	AS AND WHEN REQUIRED
34	AFLATOXIN M1 STANDARD	250 MICROGRAMS	PCS	AS AND WHEN REQUIRED
35	HMF HPLC STANDARD	99% PURITY	25MG	AS AND WHEN REQUIRED
36	AFLATOXIN TOTAL (LOW MATRIX)	ELISA 96 WELLS	96/BOX	AS AND WHEN REQUIRED
37	AFLATOXIN B1 (LOW MATRIX)	ELISA 96 WELLS	96/BOX	AS AND WHEN REQUIRED
38	ANTIBIOTIC MULTI-TEST DISCS GRAM POSITIVE	INDIVIDUAL RING-SHAPED, 8-TIP DISCS	PACK OF 50	AS AND WHEN REQUIRED
39	ANTIBIOTIC MULTI-TEST DISCS GRAM NEGATIVE	INDIVIDUAL RING-SHAPED, 8-TIP DISCS	PACK OF 50	AS AND WHEN REQUIRED

10.STANDARD AND RELATED ITEMS

NO.	ITEM NAME/DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY REQUIRED
1	"LC MULTIRESIDUE PESTICIDE STANDARD CARBAMATE/URON COMPOUNDS 100 µG/ML EACH IN ACETONITRILE, "	"STANDARD #9 (7 COMPONENTS) 1 ML/AMPUL AMINOCARB (2032-59-9) DESMEDIPHAM (13684-56-5) FORMETANATE HCL (23422-53-9) MEXACARBATE (ZECTRAN) (315-18-4) MONCEREN (PENICYCURON) (66063-05-6) PHENMEDIPHAM (13684-63-4) PROPAMOCARB FREE BASE (24579-73-5)"	AMPOULE	AS AND WHEN REQUIRED
2	"LC MULTIRESIDUE PESTICIDE STANDARD CARBAMATE/URON COMPOUNDS 100 µG/ML IN METHANOL, "	" STANDARD #10 1 ML/AMPUL CARBENDAZIM (10605-21-7)"	AMPOULE	AS AND WHEN REQUIRED
3	"LC MULTIRESIDUE PESTICIDE STANDARD ORGANONITROGEN COMPOUNDS 100 µG/ML EACH IN ACETONITRILE, "	"STANDARD #4 (63 COMPONENTS) , 1 ML/AMPUL ABAMECTIN (71751-41-2) ACETAMIPRID (135410-20-7) AMETRYN (834-12-8) AMITRAZ (33089-61-1) AZOXYSTROBIN (131860-33-8) BENALAXYL (71626-11-4) BENZOXIMATE (29104-30-1) BOSCALID (188425-85-6) BUTAFENACIL (134605-64-4) CARBETAMIDE (16118-49-3) CARFENTRAZONE ETHYL (128639-02-1) CHLORANTRANILIPROLE (500008-45-7)* CLOFENTEZINE (74115-24-5) CYMOXANIL (57966-95-7) CYPRODINIL (121552-61-2) CYROMAZINE (66215-27-8) DIMOXYSTROBIN (149961-52-4) DINOTEFURAN (165252-70-0) DORAMECTIN (117704-25-3) EPRINOMECTIN (123997-26-2) FAMOXADON (131807-57-3) FENAZAQUIN (120928-09-8) FENHEXAMID (126833-17-8) (E)-FENPYROXIMATE (134098-61-6) FLONICAMID (158062-67-0) FLUAZINAM (79622-59-6)† FLUDIOXONIL (131341-86-1) FLUOXASTROBIN (361377-29-9) FLUTOLANIL (66332-96-5) FURALAXYL (57646-30-7) HALOFENOZIDE (112226-61-6) IMAZALIL (35554-44-0) IMIDACLOPRID (138261-41-3) IVERMECTIN (70288-86-7) KRESOXIM METHYL (143390-89-0) MANDIPROPAMID (374726-62-2) MEPANIPYRIM (110235-47-7) MEPRONIL (55814-41-0) METAFLOMIZONE (139968-49-3) METALAXYL (57837-19-1) METHOXYFENOZIDE (161050-58-4) MOXIDECTIN (113507-06-5) MYCLOBUTANIL (88671-89-0) NITENPYRAM (120738-89-8) OXADIXYL (77732-09-3) PICOXYSTROBIN (117428-22-5) PIPERONYL BUTOXIDE (51-03-6) PROCHLORAZ (67747-09-5) PROMETON (1610-18-0) PYMETROZINE (123312-89-0) PYRACARBOLID (24691-76-7) PYRIMETHANIL (53112-28-0) PYRIPROXYFEN (95737-68-1) QUINOXYFEN	AMPOULE	AS AND WHEN REQUIRED



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		(124495-18-7) ROTENONE (83-79-4) SECBUMETON (26259-45-0) SPIROXAMINE (118134-30-8) TEBUFENOZIDE (112410-23-8) TEBUFENPYRAD (119168-77-3) TERBUMETON (33693-04-8) TRIADIMEFON (43121-43-3) TRIFLOXYSTROBIN (141517-21-7) ZOAXAMIDE (156052-68-5)"		
4	"LC MULTIRESIDUE PESTICIDE STANDARD ORGANONITROGEN COMPOUNDS 100 µG/ML EACH IN ACETONITRILE, 1 ML/AMPUL "	"STANDARD #5 (30 COMPONENTS) 1 ML/AMPUL ACIBENZOLAR-S-METHYL (135158-54-2) BUPIRIMATE (41483-43-6) BUPROFEZIN (69327-76-0) CARBOXIN (5234-68-4) CLETHODIM (99129-21-2) CLOTHIANIDIN (210880-92-5) CYAZOFAMID (120116-88-3) ETHIPROLE (181587-01-9) ETHOFUMESATE (26225-79-6) FENAMIDONE (161326-34-7) FIPRONIL (120068-37-3) FLUBENDIAMIDE (272451-65-7) FLUFENACET (FLUTHIAMIDE) (142459-58-3) HEXYTHIAZOX (78587-05-0) MEFENACET (73250-68-7) MESOTRIONE (104206-82-8) METHOPROTRYNE (841-06-5) METRIBUZIN (21087-64-9) PROMETRYNE (7287-19-6) PROPARGITE (2312-35-8) PROTHIOCONAZOLE (178928-70-6) PYRIDABEN (96489-71-3) SIMETRYN (1014-70-6) SULFENTRAZONE (122836-35-5) TERBUTRYN (886-50-0) THIABENDAZOLE (148-79-8) THIACTOPRID (111988-49-9) THIAMETHOXAM (153719-23-4) THIOFANOX (39196-18-4) TRICYCLAZOLE (BEAM) (41814-78-2) "	AMPOULE	AS AND WHEN REQUIRED
5	"LC MULTIRESIDUE PESTICIDE STANDARD ORGANONITROGEN COMPOUNDS 100 µG/ML EACH IN ACETONITRILE, 1 ML/AMPUL "	"STANDARD #6 (28 COMPONENTS) 1 ML/AMPUL BAYCOR (BITERTANOL) (55179-31-2) BROMUCONAZOLE (116255-48-2) CYPROCONAZOLE (94361-06-5) DICLOBUTRAZOL (75736-33-3) DIFENOCONAZOLE (119446-68-3) DINICONAZOLE (83657-24-3) EPOXICONAZOLE (133855-98-8) ETACONAZOLE (60207-93-4) ETHIRIMOL (23947-60-6) ETOXAZOLE (153233-91-1) FENARIMOL (60168-88-9) FENBUCONAZOLE (114369-43-6) FLUQUINCONAZOLE (136426-54-5) FLUSILAZOLE (85509-19-9) FLUTRIAFOL (76674-21-0) FUBERIDAZOLE (3878-19-1) HEXACONAZOLE (79983-71-4) IPCONAZOLE (125225-28-7) METCONAZOLE (125116-23-6) NUARIMOL (63284-71-9) PACLOBUTRAZOL (76738-62-0) PENCONAZOLE (66246-88-6) PROPICONAZOLE (TILT) (60207-90-1) TEBUCONAZOLE (107534-96-3) TETRACONAZOLE (112281-77-3) TRIADIMENOL (55219-65-3) TRIFLUMIZOLE (68694-11-1) TRITICONAZOLE (131983-72-7) "	AMPOULE	AS AND WHEN REQUIRED
6	"LC MULTIRESIDUE PESTICIDE STANDARD ORGANONITROGEN COMPOUNDS 100 µG/ML EACH IN ACETONITRILE, 1 ML/AMPUL "	"STANDARD #7 (7 COMPONENTS) 1 ML/AMPUL EMAMECTIN-BENZOATE (155569-91-8) FENPROPIMORPH (67564-91-4) SPINETORAM (J&L) (935545-74-7)‡ SPINOSAD (A&D) (168316-95-8)** SPIRODICLOFEN (148477-71-8) SPIROMESIFEN (283594-90-1) SPIROTETRAMAT (203313-25-1)"	AMPOULE	AS AND WHEN REQUIRED
7	"LC MULTIRESIDUE PESTICIDE STANDARD ORGANONITROGEN COMPOUNDS 100 µG/ML IN ACETONITRILE, 1 ML/AMPUL "	"STANDARD #8 1 ML/AMPUL HYDRAMETHYLNON (67485-29-4)"	AMPOULE	AS AND WHEN REQUIRED
8	APCI-L LCMS TUNING SOLUTION. TUNING MIX FOR AGILENT 6460 LCMS INSTRUMENTS	AGILENT PART NUMBER:G1969-85010	100ML	AS AND WHEN REQUIRED
9	BUFFER STANDARD PH 10 TRACEABLE TO SI	BUFFER STANDARD PH 10 TRACEABLE TO SI	500ML	AS AND WHEN REQUIRED
10	BUFFER STANDARD PH 4 TRACEABLE TO SI	BUFFER STANDARD PH 4 TRACEABLE TO SI	500ML	AS AND WHEN REQUIRED
11	BUFFER STANDARD PH 7 TRACEABLE TO SI	BUFFER STANDARD PH 7 TRACEABLE TO SI	500ML	AS AND WHEN REQUIRED
12	ESI-L LCMS TUNING SOLUTION. TUNING MIX FOR AGILENT 6460 LCMS INSTRUMENTS	AGILENT PART NUMBER:G1969-85000	100ML	AS AND WHEN REQUIRED

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13	ETHANOL 200 PROOF GLASS AMBER BOTTLE		2.5L	AS AND WHEN REQUIRED
14	GC MULTIRESIDUE PESTICIDE STANDARD SYNTHETIC PYRETHROID COMPOUNDS 100 µG/ML EACH IN TOLUENE,	"STANDARD #6 (18 COMPONENTS) 1 ML/AMPUL ACRINATHRIN (101007-06-1) ANTHRAQUINONE (84-65-1) BIFENTHRIN (82657-04-3) BIOALLETHRIN (584-79-2) CYFLUTHRIN (68359-37-5) LAMBDA-CYHALOTHRIN (91465-08-6) CYPERMETHRIN (52315-07-8) DELTAMETHRIN (52918-63-5) FENVALERATE (51630-58-1) FLUCYTHRINATE (70124-77-5) TAU-FLUVALINATE (102851-06-9) CIS-PERMETHRIN (61949-76-6) TRANS-PERMETHRIN (61949-77-7) PHENOTHRIN (CIS & TRANS) (26002-80-2) RESMETHRIN (10453-86-8) TEFLUTHRIN (79538-32-2) TETRAMETHRIN (7696-12-0) TRANSFLUTHRIN (118712-89-3)"	AMPOULE	AS AND WHEN REQUIRED
15	GC MULTIRESIDUE STANDARDS HERBICIDE METHYL ESTERS COMPOUNDS 100µG/ML EACH IN TOLUENE	"STANDARD #7 (10 COMPONENTS) 100 µG/ML EACH IN TOLUENE, 1 ML/AMPUL ACEQUINOCYL (57960-19-7) BROMOPROPYLATE (18181-80-1) CARFENTRAZONE ETHYL (128639-02-1) CHLOROBENZILATE (510-15-6) CHLORPROPHAM (101-21-3) CHLOZOLINATE (84332-86-5) DCPA METHYL ESTER (CHLORTHAL-DIMETHYL) (1861-32-1) FLUAZIFOP-P-BUTYL (79241-46-6) METALAXYL (57837-19-1) 2-PHENYLPHENOL (90-43-7)"	1ML AMPOULE	AS AND WHEN REQUIRED
16	GC MULTIRESIDUE STANDARDS ORGANOCHLORINE COMPOUNDS 100µG/ML EACH IN TOLUENE	"STANDARD #2 (40 COMPONENTS) 1 ML/AMPUL ALDRIN (309-00-2) A-BHC (319-84-6) B-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) 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) HEXACHLORO BENZENE (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) PENTACHLORO BENZENE (608-93-5) PENTACHLOROTHIOANISOLE (1825-19-0) TETRADIFON (116-29-0)"	1ML AMPOULE	AS AND WHEN REQUIRED
17	GC MULTIRESIDUE STANDARDS ORGANONITROGEN COMPOUNDS 100µG/ML EACH IN TOLUENE	"STANDARD #4 (28 COMPONENTS) 1 ML/AMPUL ACETOCHLOR (34256-82-1) ALACHLOR (15972-60-8) ALLIDOCHLOR (93-71-0) CLOMAZONE (COMMAND) (81777-89-1) CYCLOATE (1134-23-2) DIALATE (CIS & TRANS) (2303-16-4) DIMETHACHLOR (50563-36-5) DIPHENAMID (957-51-7) FENPROPATHRIN (39515-41-8) FLUQUINCONAZOLE (136426-54-5) FLUTOLANIL (66332-96-5) LINURON (330-55-2) METAZACHLOR (67129-08-2) METHOXYCHLOR (72-43-5) METOLACHLOR (51218-45-2) N-(2,4-DIMETHYLPHENYL)FORMAMIDE (60397-77-5) NORFLURAZON (27314-13-2) OXADIAZON (19666-30-9) PEBULATE (1114-71-2) PRETILACHLOR (51218-49-6) PROCHLORAZ (67747-09-5) PROPACHLOR (1918-16-7) PROPANIL (709-98-8) PROPISOCHLOR (86763-47-5) PROPYZAMIDE (23950-58-5) PYRIDABEN (96489-71-3) TEBUFENPYRAD (119168-77-3) TRIALLATE (2303-17-5) "	1ML AMPOULE	AS AND WHEN REQUIRED
18	GC MULTIRESIDUE STANDARDS ORGANONITROGEN COMPOUNDS 100µG/ML EACH IN TOLUENE:ACETONITRILE (99:1)	"STANDARD #3 (25 COMPONENTS) 1 ML/AMPUL BENFLURALIN (1861-40-1) BIPHENYL (92-52-4) CHLOROTHALONIL (1897-45-6) DICHLORFLUANID (1085-98-9) DICHLORAN (99-30-9) 3,4-DICHLOROANILINE (95-76-1) 2,6-DICHLOROBENZONITRILE (DICHLORBENIL) (1194-65-6) DIPHENYLAMINE (122-39-4) ETHALFLURALIN (55283-68-6) FLUCHLORALIN (33245-39-5)	1ML AMPOULE	AS AND WHEN REQUIRED



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		ISOPROPALIN (33820-53-0) NITRALIN (4726-14-1) NITROFEN (1836-75-5) OXYFLUORFEN (42874-03-3) PENDIMETHALIN (40487-42-1) PENTACHLOROANILINE (527-20-8) PENTACHLOROBENZONITRILE (20925-85-3) PENTACHLORONITROBENZENE (QUINTOZENE) (82-68-8) PRODIAMINE (29091-21-2) PROFLURALIN (26399-36-0) 2,3,5,6-TETRACHLOROANILINE (3481-20-7) TETRACHLORONITROBENZENE (TECNAZENE) (117-18-0) THPI (TETRAHYDROPHthalimide) (1469-48-3) TOLYLFLUANID (731-27-1) TRIFLURALIN (1582-09-8) "		
19	GC MULTIRESIDUE STANDARDS ORGANOPHOSPHOROUS COMPOUNDS 100µG/ML EACH IN TOLUENE	"STANDARD #1 (16 COMPONENTS) 1 ML/AMPULE AZINPHOS ETHYL (2642-71-9) AZINPHOS METHYL (86-50-0) CHLORPYRIFOS (2921-88-2) CHLORPYRIFOS METHYL (5598-13-0) DIAZINON (333-41-5) EPN (2104-64-5) FENITROTHION (122-14-5) ISAZOPHOS (42509-80-8) PHOSALONE (2310-17-0) PHOSMET (732-11-6) PIRIMIPHOS ETHYL (23505-41-1) PIRIMIPHOS METHYL (29232-93-7) PYRACLOFOS (89784-60-1) PYRAZOPHOS (13457-18-6) PYRIDAPHENTHION (119-12-0) QUINALPHOS (13593-03-8)"	1ML AMPOULE	AS AND WHEN REQUIRED
20	GC MULTIRESIDUE STANDARDS ORGANOPHOSPHOROUS COMPOUNDS 100µG/ML EACH IN TOLUENE	"STANDARD #8 (24 COMPONENTS) 1 ML/AMPULE BROMFENVINPHOS-METHYL (13104-21-7) BROMFENVINPHOS (33399-00-7) BROMOPHOS ETHYL (4824-78-6) BROMOPHOS METHYL (2104-96-3) CARBOPHENOTHION (786-19-6) CHLORFENVINPHOS (470-90-6) CHLORTHIOPHOS (60238-56-4) COUMAPHOS (56-72-4) EDIFENPHOS (17109-49-8) ETHION (563-12-2) FENAMIPHOS (22224-92-6) FENCHLORPHOS (RONNEL) (299-84-3) FENTHION (55-38-9) IODOFENPHOS (18181-70-9) LEPTOPHOS (21609-90-5) MALATHION (121-75-5) METHACRIFOS (62610-77-9) PROFENOFOS (41198-08-7) PROTHIOFOS (34643-46-4) SULFOTEPP (3689-24-5) SULPROFOS (35400-43-2) TERBUFOS (13071-79-9) TETRACHLORVINPHOS (22248-79-9) TOLCLOFOS-METHYL (57018-04-9) "	1ML AMPOULE	AS AND WHEN REQUIRED
21	GC MULTIRESIDUE STANDARDS ORGANOPHOSPHOROUS COMPOUNDS 100µG/ML EACH IN TOLUENE	" STANDARD #9 (8 COMPONENTS) 1 ML/AMPULE DISULFOTON (298-04-4) FONOFOS (944-22-9) METHYL PARATHION (298-00-0) MEVINPHOS (7786-34-7) PARATHION (ETHYL PARATHION) (56-38-2) PHORATE (298-02-2) PIPERONYL BUTOXIDE (51-03-6) TRIAZOPHOS (24017-47-8)"	1ML AMPOULE	AS AND WHEN REQUIRED
22	GC MULTIRESIDUE STANDARDS SYNTHETIC PYRETHROID COMPOUNDS 100µG/ML EACH IN TOLUENE	"STANDARD #5 (34 COMPONENTS) 1 ML/AMPULE ATRAZINE (1912-24-9) BUPIRIMATE (41483-43-6) CAPTAFOL (2425-06-1) CAPTAN (133-06-2) CHLORFENAPYR (122453-73-0) CYPRODINIL (121552-61-2) ETOFENPROX (80844-07-1) ETRIDIAZOLE (2593-15-9) FENARIMOL (60168-88-9) FIPRONIL (120068-37-3) FLUDIOXONIL (131341-86-1) FLURIDONE (SONAR) (59756-60-4) FLUSILAZOLE (85509-19-9) FLUTRIAFOL (76674-21-0) FOLPET (133-07-3) HEXAZINONE (VELPAR) (51235-04-2) IPRODIONE (36734-19-7) LENACIL (2164-08-1) MGK-264 (113-48-4) MYCLOBUTANIL (88671-89-0) PACLOBUTRAZOL (76738-62-0) PENCONAZOLE (66246-88-6) PROCYMIDONE (32809-16-8) PROPARGITE (2312-35-8) PYRIMETHANIL (53112-28-0) PYRIPROXYFEN (95737-68-1) TEBUCONAZOLE (107534-96-3) TERBACIL (5902-51-2) TERBUTHYLAZINE (5915-41-3) TRIADIMEFON (43121-43-3) TRIADIMENOL (55219-65-3) TRICYCLAZOLE (BEAM) (41814-78-2) TRIFLUMIZOLE (68694-11-1) VINCLOZOLIN (50471-44-8)"	1ML AMPOULE	AS AND WHEN REQUIRED
23	ICP-OES GOLD STANDARD	1000PPM- 100ML	100ML	AS AND WHEN REQUIRED
24	ICP-OES MULTIELEMENT STANDARD	33 ELEMENT (1000PPM)	100ML	AS AND WHEN REQUIRED
25	ICP-OES TIN STANDARD	1000PPM, 100ML	100ML	AS AND WHEN REQUIRED
26	LC VETERINARY STANDARDS BETA LACTAM ANTIBIOTIC	"IG PER STANDARD AMOXICILLIN CAS NO 26787-78-0 PENICILLINE G CAS NO SULBACTAM CAS NO 68373-14-8 AMPICILLIN CAS NO 69-53-4	1ML AMPOULE	AS AND WHEN REQUIRED

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		CLOXACILLIN CAS NO 7081-44-9 DICLOXACILLIN CAS NO 13412-64-1 OXACILLIN CAS NO 66-79-5 PENICILLIN V CAS NO 132-98-9 PIPERACILLIN CAS NO 61477-96-1 "		
27	LC MULTIRESIDUE PESTICIDE STANDARD CARBAMATE/URON COMPOUNDS 100 µG/ML EACH IN ACETONITRILE,	"STANDARD #2 (16 COMPONENTS) 1 ML/AMPULE ALANYCARB (83130-01-2) ALDICARB (116-06-3) ALDICARB SULFONE (1646-88-4) ALDICARB SULFOXIDE (1646-87-3) BENFURACARB (82560-54-1) BUTOCARBOXIM (34681-10-2) BUTOXYCARBOXIM (34681-23-7) ETHIOFENCARB (29973-13-5) FURATHIOCARB (65907-30-4) METHABENZTHIAZURON (18691-97-9) METHIOCARB (2032-65-7) METHOMYL (16752-77-5) OXAMYL (23135-22-0) TEBUTHIURON (34014-18-1) THIDIAZURON (51707-55-2) THIOPHANATE- METHYL (23564-05-8)"	1ML AMPOULE	AS AND WHEN REQUIRED
28	LC MULTIRESIDUE PESTICIDE STANDARD CARBAMATE/URON COMPOUNDS 100 µG/ML EACH IN ACETONITRILE,	"STANDARD #3 (38 COMPONENTS) 1 ML/AMPULE BENDIOCARB (22781-23-3) BIFENAZATE (149877-41-8) CARBOFURAN (1563-66-2) CHLORFLUAZURON (71422-67-8) CHLOROXYURON (1982-47-4) CHLORTOLURON (15545-48-9) CYCLURON (2163-69-1) DIETHOFENCARB (87130-20-9) DIFLUBENZURON (35367-38-5) DIOXACARB (6988-21-2) DIURON (330-54-1) FENOBU CARB (BPMC) (3766-81-2) FENOXYCARB (72490-01-8) FENURON (101-42-8) FLUFENOXURON (101463-69-8) FLUOMETURON (2164-17-2) FORCHLORFENURON (68157-60-8) HEXAFLUMURON (86479-06-3) 3-HYDROXYCARBOFURAN (16655-82-6) INDOXACARB (173584-44-6) IPROVALICARB (140923-17-7) ISOPROCARB (2631- 40-5) ISOPROTURON (34123-59-6) LINURON (330-55-2) LUFENURON (103055-07- 8) METOBROMURON (3060-89-7) MONOLINURON (1746-81-2) NEBURON (555- 37-3) NOVALURON (116714-46-6) PIRIMICARB (23103-98-2) PROMECARB (2631- 37-0) PROPHAM (122-42-9) PROPOXUR (BAYGON) (114-26-1) PYRACLOSTROBIN (175013-18-0) SIDURON (1982-49-6) TEFLUBENZURON (83121-18-0) THIOBENCARB (28249-77-6) TRIFLUMURON (64628-44-0)"	1ML AMPOULE	AS AND WHEN REQUIRED
29	LC MULTIRESIDUE PESTICIDE STANDARD ORGANOPHOSPHORUS COMPOUNDS 100 µG/ML EACH IN ACETONITRILE,	"STANDARD #1 (13 COMPONENTS) 1 ML/AMPULE ACEPHATE (30560-19-1) CARBARYL (SEVIN) (63-25-2) DICROTOPHOS (141-66-2) DIMETHOATE (60-51- 5) DIMETHOMORPH (110488-70-5) ISOCARBOPHOS (24353-61-5) METHAMIDOPHOS (10265-92-6) MEVINPHOS (7786-34-7) MONOCROTOPHOS (6923-22-4) OMETHOATE (1113-02-6) TEMEPHOS (ABATE) (3383-96-8) TRICHLORFON (DYLOX) (52-68-6) VAMIDOTHION (VAMIDOATE) (2275-23-2) "	1ML AMPOULE	AS AND WHEN REQUIRED
30	LC VETERINARY STANDARDS CHLORAMPHENICOL ANTIBIOTIC	"1G EACH CHLORAMPHENICOL CAS NO 56-75-7 , FLORFENICOL CAS NO73231-34-2 THIAMPHENICOL CAS NO 15318-45-3"	1G	AS AND WHEN REQUIRED
31	LC VETERINARY STANDARDS MACROLIDE ANTIBIOTIC	"1G PER STANDARD ERYTHROMYCIN CAS NO 59319-72-1 KITASAMYCIN/LEUCOMYCIN CAS NO 1392-21-8 OLEANDOMYCIN CAS NO 7060-74-4 PIMARICIN CAS NO 7681-93-8 SPIRAMYCIN CAS NO 8025-81-8 TILMICOSIN CAS NO 108050-54-0 TYLOSIN CAS NO 74610-55-2 ACETYLSOVALERYLTYLOSIN/TYLVALOSIN CAS NO 63409-12-1 "	1G	AS AND WHEN REQUIRED
32	LC VETERINARY STANDARDS QUINOLONE ANTIBIOTIC	"1G EACH CIPROFLOXACIN CAS NO 85721-33-1 DANOFLOXACIN CAS NO 112398-08-0 DIFLOXACIN CAS NO 98106-17-3 ENOXACIN CAS NO 74011-58-8 ENROFLOXACIN CAS NO 93106-60-6 FLEROXACIN CAS NO 79660-72-3 FLUMEQUIN CAS NO 42835-25-6 LOMEFLOXACIN CAS NO 98079-51-7 MARBOFLOXACIN CAS NO 115550-35-1 NALIDIXIC ACID CAS NO 389-08-2 NORFLOXACIN CAS NO 70458-96-7 OFLOXACIN CAS NO 82419-36-1 ORBIFLOXACIN CAS NO 113617-63-3 OXOLINIC ACID CAS NO 14698-29-4 PEFLOXACIN CAS NO 70458-92-3 SARAFLOXACIN CAS NO 98105-99-8 SPARFLOXACIN CAS NO 110871-86-8 "	1G	AS AND WHEN REQUIRED
33	LC VETERINARY STANDARDS SULFONAMIDE ANTIBIOTIC	"1G PER STANDARD SULFABENZAMIDE CAS NO 127-71-9 SULFACETAMIDE CAS NO 144-80-9 SULFACHLOROPYRIDAZINE CAS NO 80-32-0	1G	AS AND WHEN REQUIRED

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		SULFACLOZINE CAS NO 102-65-8 SULFADIAZINE CAS NO 68-35-9 SULFADIMETHOXINE CAS NO 122-11-2 SULFAMETHAZINE/SULFADIMIDINE CAS NO 57-68-1 SULFADOXIN CAS NO 2447-57-6 SULFAGUANIDINE CAS NO 57-67-0 SULFAMOXOLE CAS NO 729-99-7 SULFANITRAN CAS NO 122-16-7 SULFAPHENAZOLE CAS NO 526-08-9 SULFAPYRIDINE CAS NO 144-83-2 SULFAQUINOXALINE CAS NO 59-40-5 SULFATHIAZOLE CAS NO 72-14-0 SULFISOMIDINE CAS NO 515-64-0 SULFISOXAZOLE/SULFAMURAZOLE CAS NO 127-69-5 TRIMETHOPRIM CAS NO 738-70-5 SULFAMERAZINE CAS NO 127- 79-7 SULFAMETER/SULFAMETHOXYDIAZINE CAS NO 651-06-9 SULFAMETHIZOLE CAS NO 144-82-1 SULFAMETHOXAZOLE CAS NO 723-46-6 SULFAMETHOXYPYRIDAZINE CAS NO 80-35-3 SULFAMONOMETHOXINE CAS NO 1220-83-3"		
34	LC VETERINARY STANDARDS TETRACYCLINE ANTIBIOTIC 1G PER STANDARD	"1G PER STANDARD CHLORTETRACYCLINE CAS NO 57-62-5 DOXYCYCLINE CAS NO 564-25-0 OXYTETRACYCLINE CAS NO 6153-64-6 TETRACYCLINE CAS NO 60-54-8"	AMPOULE	AS AND WHEN REQUIRED
35	MULTIELEMENT (ATLEAST 5 ANIONS) SOLUTION EXCLUDING FLUORIDES	AR	500ML	AS AND WHEN REQUIRED
36	MULTIELEMENT (ATLEAST 5 CATIONS) SOLUTION EXCLUDING CALCIUM	AR	500ML	AS AND WHEN REQUIRED
37	NEAMINE,	EUROPEAN PHARMACOPOEIA (EP) REFERENCE STANDARD,	0.89 MG	AS AND WHEN REQUIRED
38	PYRETHRIN STANDARD	ANALYTICAL REFERENCE STANDARD	100MG	AS AND WHEN REQUIRED
39	RESTEK TRIPHENYLPHOSPHATE STANDARD, 1000 µG/ML, ACETONE, 1 ML/AMPUL	CATALOG NO. 32281	AMPOULE	AS AND WHEN REQUIRED
40	NICOTINE (S)-3-[1- METHYLPYRROLIDIN-2-YL] PYRIDINE	CAS NUMBER: 54-11-5] OF KNOWN PURITY NOT LESS THAN 98%	1ML AMPOULE	AS AND WHEN REQUIRED
41	GLYCEROL (PROPANE-1,2,3-TRIOL)	CAS NUMBER: 56-81-5] OF KNOWN PURITY NOT LESS THAN 98%.	1ML AMPOULE	AS AND WHEN REQUIRED
42	PROPYLENE GLYCOL (PROPANE-1,2- DIOL)	CAS NUMBER: 57-55-6] OF KNOWN PURITY NOT LESS THAN 98%.	1ML AMPOULE	AS AND WHEN REQUIRED
43	TRIACETIN (1,2,3- TRIACETOXYPROPANE)	[CAS NUMBER: 102-76-1] OF KNOWN PURITY NOT LESS THAN 98%.	1ML AMPOULE	AS AND WHEN REQUIRED
44	INTERNAL STANDARD FOR NICOTINE AND TRIACETIN: <i>N</i> - HEPTADECANE	(PURITY > 98% OF MASS FRACTION) [CAS NUMBER: 629-78-7].	1ML AMPOULE	AS AND WHEN REQUIRED
45	INTERNAL STANDARD FOR GLYCEROL AND PROPYLENE GLYCOL: 1,3-BUTANEDIOL	(PURITY > 99% OF MASS FRACTION) [CAS NUMBER: 107-88-0].	1ML AMPOULE	AS AND WHEN REQUIRED



11. COLUMNS AND VITAMINS

NO	ITEM NAME/DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY REQUIRED
1	5-HYDROXYMETHYLFURFURAL	5-HYDROXYMETHYLFURFURAL 50G	10MG	AS AND WHEN REQUIRED
2	VITAMIN A	RETINYL PALMITATE 100G	100G	AS AND WHEN REQUIRED
3	VITAMIN E	A-TOCOPHEROL 100G	100G	AS AND WHEN REQUIRED
4	VITAMIN B1	THIAMINE HYDROCHLORIDE 1G	1G	AS AND WHEN REQUIRED
5	VITAMIN B2	RIBOFLAVIN 1G	1G	AS AND WHEN REQUIRED
6	VITAMIN B3	NIACINAMIDE 1G	1G	AS AND WHEN REQUIRED
7	VITAMIN B6	PYRIDOXINE HYDROCHLORIDE 500MG	500MG	AS AND WHEN REQUIRED
8	PATULIN	ANALYTICAL STANDARD	10MG	AS AND WHEN REQUIRED
9	ACRYLAMIDE	ANALYTICAL STANDARD	10MG	AS AND WHEN REQUIRED
10	VITAMIN D3	CHOLECALCIFEROL ANALYTICAL STANDARD	100MG	AS AND WHEN REQUIRED
11	VITAMIN K	ANALYTICAL STANDARD	100MG	AS AND WHEN REQUIRED
12	VITAMIN D2	ERGOCALCIFEROL ANALYTICAL STANDARD	100MG	AS AND WHEN REQUIRED
13	AFLATOXIN MIXED STANDARD	MIX 4 SOLUTIONS, 2ML	PCS	AS AND WHEN REQUIRED
14	HPLC COLUMNS C18	5UM*4.6*250MM	PCS	AS AND WHEN REQUIRED
15	HPLC COLUMNS C18	3.5UM*2.1*150MM	PCS	AS AND WHEN REQUIRED
16	HPLC COLUMNS C18	5UM*4.6*150MM	PCS	AS AND WHEN REQUIRED
17	HPLC COLUMNS C18	2.1MM*150 MM, 1.8 µM	PCS	AS AND WHEN REQUIRED
18	CARBOHYDRATE COLUMNS	5UM*4.6*250MM	PCS	AS AND WHEN REQUIRED
19	CARBOHYDRATE COLUMNS	3.5UM*2.1*150MM	PCS	AS AND WHEN REQUIRED
20	CARBOHYDRATE COLUMNS	5UM*4.6*150MM	PCS	AS AND WHEN REQUIRED

12. GLASSWARE

NO.	ITEM DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY REQUIRED
1	VOLUMETRIC FLASK, TYPE A BOROSILICATE	PCS	10ML	AS AND WHEN REQUIRED
		PCS	25ML	„
		PCS	50ML	„
		PCS	100ML	„
		PCS	200ML	„
		PCS	250ML	„
		PCS	500ML	„
		PCS	1000ML	„
		PCS	2000ML	„
2	BEAKER, TYPE A BOROSILICATE	PCS	50ML	„
		PCS	100ML	„
		PCS	250ML	„



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		PCS	500ML	”
		PCS	1000ML	”
		PCS	2000ML	”
				”
3	PIPETTES, TYPE A BOROSILICATE ONE MARK BULB	PCS	10ML	”
		PCS	20ML	”
		PCS	25ML	”
		PCS	50ML	”
		PCS	100ML	”
				”
4	PIPETTES, TYPE A BOROSILICATE GRADUATED	PCS	10ML	”
		PCS	25ML	”
				”
		PCS	10ML	”
		PCS	25ML	”
5	BURRETTES, TYPE A BOROSILICATE	PCS	50ML	”
				”
6	CONICAL FLASK, TYPE A BOROSILICATE	PCS	50ML	”
		PCS	100ML	”
		PCS	250ML	”
		PCS	500ML	”
		PCS	1000ML	”
		PCS	2000ML	”
				”
7	MEASURING CYLINDER, TYPE A BOROSILICATE	PCS	50ML	”
		PCS	100ML	”
		PCS	200ML	”
		PCS	500 ML	”
		PCS	1000 ML	”
				”
8	MEASURING CYLINDER, PLASTIC	PCS	500ML	”
		PCS	1000ML	”
		PCS	50ML	”
		PCS	100ML	”
		PCS	200ML	”
		PCS	500ML	”
		PCS	1000ML	”
				”
9	VOLUMETRIC FLASK, PLASTIC	PCS	10ML	”
		PCS	25ML	”
		PCS	50ML	”
		PCS	100ML	”
		PCS	200ML	”
		PCS	250ML	”



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		PCS	500ML	”
		PCS	1000ML	”
		PCS	2000ML	”
				”
10	BEAKER, PLASTIC	PCS	50ML	”
		PCS	100ML	”
		PCS	250ML	”
		PCS	500ML	”
		PCS	1000ML	”
		PCS	200ML	”
		PCS	2000ML	”
				”
11	BEAKER, STAINLESS STEEL WITH HANDLE	PCS	500ML	”
				”
12	VOLUMETRIC FLASK, AMBER TYPE A BOROSILICATE	PCS	10ML	”
		PCS	25ML	”
		PCS	50ML	”
		PCS	100ML	”
		PCS	200ML	”
		PCS	250ML	”
		PCS	500ML	”
		PCS	1000ML	”
		PCS	2000ML	”
				”
13	DESSICATOR GLASS	PCS	5800ML	”
		PCS	2400ML	”
				”
14	PORCELEIN CRUCIBLES	PCS	50ML	”
15	INFUSIL(FUSED SILICA) CRUCIBLES	PCS	50ML	”
16	REFLUX CONDENSER 24/29	PCS		”
17	VOLUMETRIC FLASK (AMBER)	PCS	10ML	”
				”
18	GAS-TIGHT GLASS SYRINGE	PCS	1ML	”
		PCS	1.25ML	”
		PCS	2.5ML	”
		PCS	5ML	”
				”
19	AMBER VIALS	PCS	2ML	”
20	DISTILLATION FLASK(P/N186744) DIANA 700 DISTILLER	PCS	125ML	”
21	GRADUATED RECEIVING CYLINDER	PCS	100ML	”
22	P4 ALUMINIUM CUPS	PCS	50ML	”
23	PLATINUM CRUCIBLES	PCS	50ML	”
24	BUTYROMETERS	PCS	10ML	”
25	SOXHLET	PCS	100ML	”



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26		PCS	P3	”
27	GOOCH CRUCIBLE	PCS	P4	”
28	AUTOCLAVE BASKETS	PCS	STAINLESS STEEL	”
29	AUTOCLAVE TAPE	ROLL	ROLL	”
30	BACILLUS CAPSULES (VIALS)	VIAL	VIAL	”
31	BEAKER (PLASTIC)	PCS	1000ML	”
32	BEAKER (PLASTIC)	PCS	250ML	”
33	BEAKER (PLASTIC)	PCS	500ML	”
34	CAVITY GLASS SLIDES	PCS		”
35	MEDIA/DILUENT DISPENSERS	PCS	10ML	”
36	MEDIA/DILUENT DISPENSERS	PCS	25ML	”
37	DROPPER BOTTLES	PCS		”
38	FORCEPS	PCS	PIECE	”
39	FUNNELS	PCS	PIECE	”
40	GLASS RODS	PCS	PIECE	”
41	GLASS SLIDES	PACK (100 SLIDES)	PACK (100 SLIDES)	”
42	HYGRO-THERMO GRAPHS	PACK (100 GRAPHS)	PACK	”
43	HYGRO-THERMO GRAPHS	PACK (100 GRAPHS)	100 GRAPHS	”
44	LOOPS	PCS		”
45	EPPENDORF TUBES	PCS	1.5ML	”
46	PETRI DISHES	PCS	(140MM Ø)	”
47	PETRI DISHES (90MM Ø) (DISPOSABLE)	PCS	500 PCS	”
48	PIPETTE FILLERS	PCS	PIECE	”
49	PIPETTE TIP HOLDERS	PCS	PIECE	”
50	RUBBER TEATS	PCS	PIECE	”
51	STOMACHER BAGS	100 BAGS	SMALL	”
52	STOMACHER BAGS	100 BAGS	LARGE	”
53	TEST TUBE HOLDERS		PIECE	”
54	TEST TUBE RACKS	PCS	PIECE	”
55	TEST TUBES	PCS	ASSORTED	”
56	TRIPOD STANDS	PCS	PIECE	”
57	TROLLEY	PCS	PIECE	”
58	TST AUTOCLAVE STRIPES	PACK (100 STRIPES)	PACK (100 STRIPES)	”
59	UNIVERSAL SAMPLE BOTTLES	PCS	1000ML	”
60	UNIVERSAL SAMPLE BOTTLES	PCS	500ML	”
61	UNIVERSAL SAMPLE BOTTLES	PCS	250ML	”
62	UNIVERSAL BOTTLES	PCS	28ML	”
63	3 LEGGED RUBBER STOPPERS	PCS	PIECE	”
64	ALUMINIUM CRIMP CAPS	PCS	PIECE	”
65	WIRE LOOP HOLDERS	PCS	PIECE	”
66	WIRE-GAUZE	PCS	PIECE	”
67	ENVIRO SWABS	PCS	PIECE	”
68	COOLER BOX	PCS	20LTR	”
69	P2 CRUCIBLES VCLP	PCS	PIECE	”



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70	P4 CRUCIBLES	PCS	PIECE	”
71	GLASS BOTTLE DISPENSORS		PCS	”
72	BOTTLE TOP DISPENSORS	100ML	PCS	”
73	BOTTLE TOP PIPETTE DISPENSORS	5ML	PCS	”
74	BOTTLE TOP PIPETTE DISPENSORS	10ML	PCS	”
75	BOTTLE TOP PIPETTE DISPENSORS	20ML	PCS	”
76	BOTTLE TOP PIPETTE DISPENSORS	50ML	PCS	”
77	GLASS BOTTLE TOP TILT PIPETTEDISPENSORS	1ML	PCS	”
78	GLASS BOTTLE TOP TILT PIPETTEDISPENSORS	10ML	PCS	”
79	MAGNETIC STIRRER BARS	40*8MM	PCS	”
80	MAGNETIC STIRRER BARS	25*6MM	PCS	”
81	MAGNETIC STIRRER BARS	42*8MM	PCS	”
82	MAGETIC FISHER RODS		PCS	”
83	DESSICATORS INNER DIAMETER OF 30MM		PCS	”
84	DESSICATORS INNER DIAMETER OF 25MM		PCS	”
85	DESSICATORS INNER DIAMETER OF 20MM		PCS	”
86	MF QUICK FIT		PCS	”
87	ADAPTORS 17/24		PCS	”
88	ADAPTORS 24/29		PCS	”
89	ADAPTORS 29/32		PCS	”
90	REDUCERS 17/24		PCS	”
91	REDUCERS 24/29		PCS	”
92	REDUCERS 29/32		PCS	”
93	AUTOMATIC PIPETTE FILLERS		PCS	”
94	SIEVES		PCS	”
95	AUTOMATIC BURETTES		PCS	”
96	PYCNOMETER 25ML WITH THERMOMETER		PCS	”
97	GLASS RODS		RODS 100M	”
98	ACID WASH SAND		500G	”
99	WIDE MOUTH ROUND BOTTOM FLASK 250ML		PCS	”
100	GERBER BUTYROMETERS 70% WITH RUBBER CAPS AND KEY		PCS	”
101	GERBER BUTYROMETERS 40%WITH RUBBER CAPS AND KEY		PCS	”
102	GERBER BUTYROMETERS 8%WITH RUBBER CAPS AND KEY		PCS	”
103	GERBER BUTYROMETERS 4%WITH RUBBER CAPS AND KEY		PCS	”
104	VAN GULIK BUTYROMETERS 4%WITH REMOVABLE WEIGHIG CUP, TWO SEPERATE OPENINGS WITH RUBBER STOPPER AND KEY		PCS	”
105	BURETTE STAND WITH ROD,CLAMP AND BOSS HEAD		PCS	”
106	GERBER MILK PIPETTES 10.74ML		PCS	”
107	GERBER AMYL ALCOHOL PIPETTE 1ML		PCS	”
108	GERBER SULFURIC ACID PIPETTES 10ML		PCS	”



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109	BUTYROMETER STAND		PCS	”
110	SEPARATING FUNNELS WITH PTFE TAP 250ML		PCS	”
111	SEPARATING FUNNELS WITH PTFE TAP500ML		PCS	”
112	SEPARATING FUNNELS WITH PTFE TAP1000ML		PCS	”
113	LABAROTORY DOUBLE COILED CONDENSER	QUICK FIT 24/29	PCS	”
114	LABAROTORY DOUBLE COILED CONDENSER	QUICK FIT 29/32	PCS	”
115	LABAROTORY ALLIHN COILED CONDENSER	300 MM EFFECTIVE CONDESOR LENGTH, APPROXIMATELY 445MM TOTAL L, JOINT29/32	PCS	”
116	PH METER ELECTRODE		PCS	”
117	KJEDHAL FLASKS	750-800ML	PCS	”
118	KJEDHAL CONDENSER BULBS		SET OF 6	”
119	SINTERED CRUCIBLES POROSITY 4	50ML CAPACITY	PCS	”
120	VAPODEST PH ELECTRODE		PCS	”
121	GLASS FAT CUPS WITH METAL HOLDERS FOR THIMBLES	150ML	SET OF 6	”
122	SULPHUR DIOXIDE BOILING FLASKS	500-700ML	PCS	”
123	PYKNOMETER-2 FINGER	20- 50ML	PCS	”
124	METAL SPATULA		PCS	”
125	G2/P2 FIBER CRUCIBLES	HEIGHT 50-55MM, OUTER DIAMETER 40MM	PCS	”
126	SULPHUR DIOXIE DISTILLATION SET UP	FULL SETUP	COMPLETE SET-UP	”
127	UV-VIS SAMPLE CELLS (10MMX10MM)	>80% OPTICAL TRANSMISSION, QUARTZ	PCS	”
128	DEAN AND STARK ENTRAINMENT METHOD GLASSWARE	FULL SETUP	SET	”
129	SEPARATING FUNNEL, BOROSILICATE GLASS 3.3, PEAR-SHAPED, PTFE STOPCOCK, POLYETHYLENE STOPPER, CAPACITY 500 ML, ISO 4800 COMPLIANT, WITH GROUND JOINT 29/32	TO BE TESTED ON DELIVERY	PCS	”
130	DURHAM TUBES	30MM *6 MM	PCS	”
131	DESSICATOR	DIAMETER ≥300 MM,HIGH ≥450MM INCLUDING PORCELAIN PLATE 280MM DIAMETER	SET	”
132	10ML CLEAR SERUM VIALS	A PACK OF 400	PACK	”
133	RUBBER STOPPERS COCKS FOR THE 10ML SERUM VIALS	PACK OF 400	PACK	”
134	20MM ALUMINIUM SEALS	PACK OF 400	PACK	”
135	BEAKER FOR TAN TBN, CLASS A	125ML	PCS	”



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136	SEPARATING FUNNEL, BOROSILICATE GLASS 3.3, PEAR-SHAPED, PTFE STOPCOCK, POLYETHYLENE STOPPER, CAPACITY 1000 ML, ISO 4800 COMPLIANT, WITH GROUND JOINT 29/32	TO BE TESTED ON DELIVERY	PCS	”
137	CONDENSER TUBE STOPPER	DIANA 700 #191097	PCS	”
138	MULTIPLUG WITH METAL-PT100	DIANA 700 #237547	PCS	”
139	DISTILATION FLASK2, 125ML GROUP 1-4)	DIANA 700 #186744	PCS	”
140	RECEIVING CYLINDER2, 100ML, MAGNETIC BASE	DIANA 700 #195234	PCS	”
141	DRIP PLATE 2	DIANA 700 #194531	PCS	”
142	CONDENSER CLEANING TOOL	DIANA 700 #210173	PCS	”

13.AMPOULE

NO.	ITEM NAME/DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY REQUIRED
1	AMMONIUM THIOCYANATE 0.1N	AR	AMPOULE	AS AND WHEN REQUIRED
2	HYDROCHLORIC ACID 0.1N	AR	AMPOULE	AS AND WHEN REQUIRED
3	POTASSIUM PERMANGANATE (0.1N)	AR	AMPOULES	AS AND WHEN REQUIRED
4	SILVER NITRATE 0.1N	AR	AMPOULE	AS AND WHEN REQUIRED
5	SILVER NITRATE, 1N	AR	AMPOULES	AS AND WHEN REQUIRED
6	SODIUM HYDROXIDE 0.1 N	AR	AMPOULE	AS AND WHEN REQUIRED
7	SODIUM HYDROXIDE 1.0 N	AR	AMPOULE	AS AND WHEN REQUIRED
8	SODIUM THIOSULPHATE 0.1N	AR	AMPOULE	AS AND WHEN REQUIRED
9	SULPHURIC ACID 0.05N	AR	AMPOULE 100ML	AS AND WHEN REQUIRED
10	SULPHURIC ACID 0.1N	AR	AMPOULE 100ML	AS AND WHEN REQUIRED
12	SULPHURIC ACID 1.0 N	AR	AMPOULE 100ML	AS AND WHEN REQUIRED

14. FILTRATION AND GENERAL APPLICATIONS

NO.	ITEM DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY REQUIRED
1	GLASS INSERTS	FOR 1.5ML VIALS- WITH SPRINGS	PKT 100S	AS AND WHEN REQUIRED
2	LAB STANDARD TEST SIEVE (PORE SIZE-250MM)	ALUMINIUM 200MM FULL HEIGHT 63MM	PIECE	AS AND WHEN REQUIRED
3	ABSORBENT COTTON WOOL	LARGE SIZE	ROLL	AS AND WHEN REQUIRED
4	ACID WASHED SAND	500G	PIECES	AS AND WHEN REQUIRED
5	ACRYLIC RESIN PLATES (60MMX115MM)	ACRYLIC RESIN PLATES (60MMX115MM)	PIECES	AS AND WHEN REQUIRED
6	AGILENT INFINITYLAB POROSHELL 120 HILIC-OH5, (OR EQUIVALENT)	2.1 X 100 MM, 2.7 µM	PIECE	AS AND WHEN REQUIRED
7	AGILENT INFINITYLAB POROSHELL 120 HILIC-Z,(OR EQUIVALENT)	2.1 X 100 MM, 2.7 µM	PIECE	AS AND WHEN REQUIRED
8	AGILENT POLARIS C18, (OR EQUIVALENT)	150 X 4.6 MM, 5 µM	PIECE	AS AND WHEN REQUIRED
9	AGILENT PURSUIT C18, (OR EQUIVALENT)	150 X 4.6 MM, 5 µM	PIECE	AS AND WHEN REQUIRED
10	AGILENT ZORBAX ECLIPSE PLUS C*, (OR EQUIVALENT)	250 X 4.6 MM, 5µM	PIECE	AS AND WHEN REQUIRED
11	AGILENT ZORBAX ECLIPSE XDB C18 RRHT, (OR EQUIVALENT).	2.1 X 50 MM, 1.8 µM	PIECE	AS AND WHEN REQUIRED
12	ALUMINIUM FOIL 45CM *90M	45*90M	ROLLS	AS AND WHEN REQUIRED
13	ALUMINIUM LAB TEST SIEVE 200MM (PORE SIZE-150MM)	TEST SIEVE 200MM (PORE SIZE-150MM)	PIECE	AS AND WHEN REQUIRED
14	ALUMINIUM LAB TEST SIEVE 200MM (PORE SIZE-200MM)	TEST SIEVE 200MM (PORE SIZE-200MM)	PIECE	AS AND WHEN REQUIRED
15	ALUMINIUM LAB TEST SIEVE 200MM (PORE SIZE-75MM)	TEST SIEVE 200MM (PORE SIZE-75MM)	PIECE	AS AND WHEN REQUIRED



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16	ALUMINIUM LAB TEST SIEVE 200MM (PORE SIZE-250MM)	TEST SIEVE	PIECE	AS AND WHEN REQUIRED
17	AUTO SAMPLER VIALS WITH CAPS	200MM (PORE SIZE-250MM)	PKT 100S	AS AND WHEN REQUIRED
18	AUTO SAMPLER VIALS WITH CAPS	1.5ML PTFE CLEAR GLASS	PKT 100S	AS AND WHEN REQUIRED
19	BLENDERS	STAINLESS STEEL FOR GRINDING CEREAL AND PULSES	PCS	AS AND WHEN REQUIRED
20	BLOTTING PAPER 10X10 SHEETS	BLOTTING PAPER 10X10 SHEETS	PIECES	AS AND WHEN REQUIRED
21	BLOTTING PAPER 152X230	BLOTTING PAPER 152X230	PIECES	AS AND WHEN REQUIRED
22	BOD AMBER BOTTLES	500 ML	PIECES	AS AND WHEN REQUIRED
23	BOD RUBBER SLEEVES	500ML ADAPTABLE	PIECES	AS AND WHEN REQUIRED
24	BOILING STONES 1-3MM	BOILING STONES 1-3MM	500G	AS AND WHEN REQUIRED
25	BOROSILICATE GLASS TEST TUBE 13MMX 100MM	BOROSILICATE GLASS TEST TUBE	250PCS/PKT	AS AND WHEN REQUIRED
26	BOTTLE TOP VACUUM FILTRATION UNIT	13MMX 100MM	PCS	AS AND WHEN REQUIRED
27	BUBBLE WRAP 400MM X 300MM	BUBBLE WRAP 400MM X 300MM	PCS	AS AND WHEN REQUIRED
28	BURRETTE A CLASS	10 ±0.02	PCS	AS AND WHEN REQUIRED
29	BURSTING VERIFICATION FABRIC	BURSTING VERIFICATION FABRIC	PIECES	AS AND WHEN REQUIRED
30	C18, (OR EQUIVALENT)	150 X 2.1 MM, 5 µM	PIECE	AS AND WHEN REQUIRED
31	CELITE	500G	PIECES	AS AND WHEN REQUIRED
32	CELLULOSE NITRANE MEBRANES 47MM, 8µ	100 FILTERS	PACK	AS AND WHEN REQUIRED
33	CENTRIFUGE TUBES WITH CAPS	15 ML STERILE	50 PCS/PKT	AS AND WHEN REQUIRED
34	CENTRIFUGE TUBES WITH CAPS	50 ML STERILE	25 PCS/PKT	AS AND WHEN REQUIRED
35	CET CELLULOSE EXTRACTION THIMBLES	33*80MM	PACK/25 UNITS	AS AND WHEN REQUIRED
36	COMPETITIVE HILIC COLUMN, (OR EQUIVALENT)	2.1 X 100 MM, 2.7 µM	PIECE	AS AND WHEN REQUIRED
37	COTTON TWILL (UNDYED) DRYCLEANING FABRIC	COTTON TWILL (UNDYED) DRYCLEANING FABRIC	PIECES	AS AND WHEN REQUIRED
38	COTTON WOOL ABSORBENT-DEFATTED	COTTON WOOL ABSORBENT-DEFATTED	ROLL	AS AND WHEN REQUIRED
39	COTTON WOOL NON-ABSORBENT	COTTON WOOL NON-ABSORBENT	ROLL	AS AND WHEN REQUIRED
40	CROCKMETER ATTACHMENT CLIPS	CROCKMETER ATTACHMENT CLIPS	PIECES	AS AND WHEN REQUIRED
41	CROCKMETER FINGER	CROCKMETER FINGER	PIECES	AS AND WHEN REQUIRED
42	CROCKMETER VERIFICATION FABRIC	CROCKMETER VERIFICATION FABRIC	PIECES	AS AND WHEN REQUIRED
43	CUTTING PADS FOR SAMPLE CUTTERS	CUTTING PADS FOR SAMPLE CUTTERS	PIECES	AS AND WHEN REQUIRED
44	CYANO,(OR EQUIVALENT)	250 X 4.6 MM, 3 µM	PIECE	AS AND WHEN REQUIRED
45	DIASTASE	AR	100G	AS AND WHEN REQUIRED
46	DIOL, (OR EQUIVALENT)	150 X 2.1 MM, 5 µM	PIECE	AS AND WHEN REQUIRED
47	DISPOSABLE DUST MASKS	PROTECTION AGAINST NON-TOXIC DUST, POLLEN, AND OTHER LIGHT AIRBORNE PARTICLES. LIGHTWEIGHT AND EASY TO BREATHE THROUGH,	50PCS/PKT	AS AND WHEN REQUIRED
48	ECE DETERGENT WITH PHOSPHATES	ECE DETERGENT WITH PHOSPHATES	250G	AS AND WHEN REQUIRED
49	EMERY PAPER FOR CROCKMETER	EMERY PAPER FOR CROCKMETER	PIECES	AS AND WHEN REQUIRED
50	FELT FABRIC (WOVEN)	FELT FABRIC (WOVEN)	PIECES	AS AND WHEN REQUIRED
51	FILTER FUNNELS PLASTIC	FILTER FUNNELS PLASTIC	PCS	AS AND WHEN REQUIRED
52	FILTER PAPER F2141-185 DIAMETER	F2141-185 DIAMETER	50PCS/PKT	AS AND WHEN REQUIRED
53	FILTER PAPERS 540:150MM (F2140}	540, 150MM	PACKET	AS AND WHEN REQUIRED



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54	FILTER PAPERS 541:150MM (F2141)	541,150MM	PACKET	AS AND WHEN REQUIRED
55	FILTER PAPERS 542:150MM (F2142)	542,150MM	PACKET	AS AND WHEN REQUIRED
56	FISHING ROD	12 INCHES	PIECES	AS AND WHEN REQUIRED
57	GAS TIGHT SYRINGES, 1000 SERIES, 25ML	GAS TIGHT SYRINGES, 1000 SERIES, 25ML	PIECES	AS AND WHEN REQUIRED
58	GAS TIGHT SYRINGES, 1ML	LTN SERIES,	PIECE	AS AND WHEN REQUIRED
59	GAS TIGHT SYRINGES, LTN 9922/551MM,	GAS TIGHT SYRINGES, LTN 9922/551MM,	PIECES	AS AND WHEN REQUIRED
60	GAS TIGHT SYRINGES, LTN SERIES,5ML	CLASS A	PIECES	AS AND WHEN REQUIRED
61	GLASS MICROFIBRE FILTERS	GF/B 47MM	PACK 100S	AS AND WHEN REQUIRED
62	GREEN FELT FOR CROCKMETER TESTING	GREEN FELT FOR CROCKMETER TESTING	PIECES	AS AND WHEN REQUIRED
63	GREY SCALE FOR COLOUR CHANGE - ISO	ISO 105-A02	PIECES	AS AND WHEN REQUIRED
64	GREY SCALE FOR STAINING CHANGE - ISO	ISO 105-A03	PIECES	AS AND WHEN REQUIRED
65	HI-PLEX CA, (OR EQUIVALENT)	250 X 4.0	PIECE	AS AND WHEN REQUIRED
66	HI-PLEX H, (OR EQUIVALENT)	250 X 7.7 MM	PIECE	AS AND WHEN REQUIRED
67	HI-PLEX NA,(OR EQUIVALENT)	300 X 7.7 MM	PIECE	AS AND WHEN REQUIRED
68	HPLC AUTOSAMPLER VIALS WITH CAPS (AMBER 1.5ML)	AMBER 1.5ML	1000PCS	AS AND WHEN REQUIRED
69	HPLC AUTOSAMPLER VIALS WITH CAPS (AMBER 1.5ML) 100PC/PKT	HPLC AUTOSAMPLER VIALS WITH CAPS (AMBER 1.5ML) 100PC/PKT	PAK OF 100	AS AND WHEN REQUIRED
70	HPLC AUTOSAMPLER VIALS WITH CAPS (CLEAR 1.5 ML)	CLEAR , 1.5 ML	1000PCS	AS AND WHEN REQUIRED
71	HPLC AUTOSAMPLER VIALS WITH CAPS (CLEAR 1.5 ML)	HPLC AUTOSAMPLER VIALS WITH CAPS (CLEAR 1.5 ML)	1000PCS	AS AND WHEN REQUIRED
72	INDUSTRIAL REFERENCE DETERGENT WITHOUT OPTICAL BRIGHTENER	INDUSTRIAL REFERENCE DETERGENT WITHOUT OPTICAL BRIGHTENER	250G	AS AND WHEN REQUIRED
73	ION SELECTIVE PROBE	THERMO SCIENTIFIC	PCS	AS AND WHEN REQUIRED
74	ISO BLUE WOOL STANDARD PACK 1-8	ISO BLUE WOOL STANDARD PACK 1-8	PIECES	AS AND WHEN REQUIRED
75	ISO CROCKING CLOTH	ISO CROCKING CLOTH	PIECES	AS AND WHEN REQUIRED
76	JENWAY PH PROBE CATALOGUE NO: 99960-35(924005)	JENWAY PH PROBE CATALOGUE NO: 99960-35(924005)	PCS	AS AND WHEN REQUIRED
77	KETTLE HEATER	STAINLESS STEEL- 5L	PCS	AS AND WHEN REQUIRED
78	LAB STANDARD TEST SIEVE (PORE SIZE-200MM)	ALUMINIUM 200MM FULL HEIGHT 63MM	PIECE	AS AND WHEN REQUIRED
79	LAB STANDARD TEST SIEVE (PORE SIZE-150MM)	ALUMINIUM 200MM FULL HEIGHT 63MM	PIECE	AS AND WHEN REQUIRED
80	LAB STANDARD TEST SIEVE (PORE SIZE-75MM)	ALUMINIUM 200MM FULL HEIGHT 63MM	PIECE	AS AND WHEN REQUIRED
81	LABORATORY BALL MILL	5 KG CAPACITY	PCS	AS AND WHEN REQUIRED
82	LABORATORY SPATULAS	ASSORTED SIZES	PCS	AS AND WHEN REQUIRED
83	LINT- FREE WIPES	LINT- FREE WIPES	BOX	AS AND WHEN REQUIRED
84	MEMBRANE FILTER PAPERS 0.22MM	47MM DIAMETER	PACK	AS AND WHEN REQUIRED
85	MEMBRANE FILTER PAPERS 0.45MM	47MM DIAMETER	PKT	AS AND WHEN REQUIRED
86	MEMBRANE FILTERS 0.8MM	47MM DIAMETER	PACK	AS AND WHEN REQUIRED
87	MEMBRANE FILTERS 53MM 100PC/PKT	MEMBRANE FILTERS 53MM 100PC/PKT	PKT	AS AND WHEN REQUIRED
88	MEMBRANE FILTERS 53MM 100PC/PKT	MEMBRANE FILTERS 53MM 100PC/PKT	PKT	AS AND WHEN REQUIRED
89	MEMBRANE FILTERS 8MM	47MM DIAMETER	PACK	AS AND WHEN REQUIRED
90	MEMBRANE FILTERS, 0.22µ	100 FILTERS	100 FILTERS	AS AND WHEN REQUIRED
91	MEMBRANE FILTERS, 0.45µ	100 FILTERS	100 FILTERS	AS AND WHEN REQUIRED
92	MICROPIPETTE TIPS 20-100 UL)	MICROPIPETTE TIPS 20-100 UL)	PKT 100S	AS AND WHEN REQUIRED
93	MICROPIPETTE TIPS (0.5-10 UL)	MICROPIPETTE TIPS (0.5-10 UL)	PKT 100S	AS AND WHEN REQUIRED
94	MICROPIPETTE TIPS (100-1000 UL)	MICROPIPETTE TIPS (100-1000 UL)	PKT 100S	AS AND WHEN REQUIRED



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95	MICROPIPETTE TIPS (100-1000 UL)	MICROPIPETTE TIPS (100-1000 UL)	PKT 100S	AS AND WHEN REQUIRED
96	MICROPIPETTE TIPS (10-100 UL)	MICROPIPETTE TIPS (10-100 UL)	PKT 100S	AS AND WHEN REQUIRED
97	MICROPIPETTE TIPS (10-100 UL)	MICROPIPETTE TIPS (10-100 UL)	PKT 100S	AS AND WHEN REQUIRED
98	MICROPIPETTE TIPS (5-10ML)	MICROPIPETTE TIPS (5-10ML)	PKT 100S	AS AND WHEN REQUIRED
99	MICROSPATULA	STAINLESS STEEL	PIECE	AS AND WHEN REQUIRED
100	MULTIFIBRE ADJACENT FABRIC-ISO DW	ISO 105-A01	PIECES	AS AND WHEN REQUIRED
101	MULTIFIBRE ADJACENT FABRIC-ISO TV	ISO 105-A01	PIECES	AS AND WHEN REQUIRED
102	NEEDLES SEWING MACHINE	NEEDLES SEWING MACHINE	PIECES	AS AND WHEN REQUIRED
103	NITRILE GLOVES (LARGE,)	LARGE,	PKTS	AS AND WHEN REQUIRED
104	NITRILE GLOVES (XL)	NITRILE GLOVES (XL)	PKT	AS AND WHEN REQUIRED
105	NITRILE GLOVES MEDIUM	MEDIUM	PKTS	AS AND WHEN REQUIRED
106	NYLON SYRINGE FILTERS	NYLON SYRINGE FILTERS (0.2µM)	100PCS/PKT	AS AND WHEN REQUIRED
107	OXITOP INDUCTIVE STIRRING SYSTEM	12 BOD BOTTLE HOLDER HOLDER	PCS	AS AND WHEN REQUIRED
108	OXITOP RESPIRATORIES	OXITOP RESPIRATORIES	PCS	AS AND WHEN REQUIRED
109	PACKING PEANUTS 3 CUBIC FEET	PACKING PEANUTS 3 CUBIC FEET	PCS	AS AND WHEN REQUIRED
110	PAPER TOWELS (ABSORBENT) STRONG	PAPER TOWELS (ABSORBENT) STRONG	ROLLS	AS AND WHEN REQUIRED
111	PAPER TOWELS (ABSORBENT) STRONG	2 PLY, LENGTH 150M MINMUM COMPLIANT WITH KS2567	ROLLS	AS AND WHEN REQUIRED
112	PASTEUR PIPETTES	BOX (1000 TIPS)	BOX	AS AND WHEN REQUIRED
113	PASTEUR PIPETTORS 1000ML	EPPENDORF	PCS	AS AND WHEN REQUIRED
114	PASTEUR PIPETTORS 100ML	EPPENDORF	PCS	AS AND WHEN REQUIRED
115	PASTEUR PIPETTORS 10ML	EPPENDORF	PCS	AS AND WHEN REQUIRED
116	PH METER PROBE	COMPARTIBLE WITH JENWAY 3540	PCS	AS AND WHEN REQUIRED
117	PIPETTE TIPS (1 ML)	PIPETTE TIPS (1 ML)-PLASTIC	500PCS	AS AND WHEN REQUIRED
118	PIPETTE TIPS (100 UL)	PIPETTE TIPS (100 UL)- PLASTIC	500PCS	AS AND WHEN REQUIRED
119	PIPETTE TIPS (1000ML)	BOX (1000 TIPS)	1000 TIPS	AS AND WHEN REQUIRED
120	PIPETTE TIPS (100ML)	PIPETTE TIPS (100ML)- PLASTIC	1000 TIPS	AS AND WHEN REQUIRED
121	PIPETTE TIPS (10ML)	PIPETTE TIPS (10ML)- PLASTIC	BOX	AS AND WHEN REQUIRED
122	PIPETTOR TIPS 1000ML	EPPENDORF	BOX (1000PCS)	AS AND WHEN REQUIRED
123	PIPETTOR TIPS 100ML	EPPENDORF	BOX (1000PCS)	AS AND WHEN REQUIRED
124	PIPETTOR TIPS 10ML	EPPENDORF	BOX (1000PCS)	AS AND WHEN REQUIRED
125	PIPETTE FILLERS	3-WAY RUBBER	PCS	AS AND WHEN REQUIRED
126	PLASTIC HYPODERMIC SYRINGES (5ML CAPACITY)	5ML CAPACITY	200PCS/PKT	AS AND WHEN REQUIRED
127	PLASTIC SAMPLING BOTTLES 250 ML WITH CAPS	250ML	PCS	AS AND WHEN REQUIRED
128	PLRP-S, 100 Å (OR EQUIVALENT)	50 X 4.6 MM, 3 µM	PIECE	AS AND WHEN REQUIRED
129	PM KIT FULL SER158	40002960	SET	AS AND WHEN REQUIRED
130	PM KIT REGULAR (UDK 139)	40002938	SET	AS AND WHEN REQUIRED
131	PNEUMATIC BURSTING STRENGTH DIAPHRAGMS	PNEUMATIC BURSTING STRENGTH DIAPHRAGMS	PIECES	AS AND WHEN REQUIRED
132	POLICEMAN	6 INCHES	PIECES	AS AND WHEN REQUIRED
133	PTFE SYRINGE FILTERS 0.22 MICRON	25MM	100PCS/PKT	AS AND WHEN REQUIRED
134	PTFE SYRINGE FILTERS 0.45 MICRON	25MM	100PCS/PKT	AS AND WHEN REQUIRED
135	PUMICE POWDER	500G	PIECES	AS AND WHEN REQUIRED



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136	PVDF MEMBRANE FILTERS,	HYDROPHILIC, 0.22 µM PORE SIZE, >1 ML/MIN-CM2 WATER FLOW RATE, 2 L/MIN-CM2 AIR FLOW RATE, FILTER DIAMETER 47 MM, THICKNESS 125 µM	100PCS/PKT	AS AND WHEN REQUIRED
137	PVDF SYRINGE FILTERS 0.22MM 100PC/PKT	PVDF SYRINGE FILTERS 0.22MM 100PC/PKT	100PCS/PKT	AS AND WHEN REQUIRED
138	PVDF SYRINGE FILTERS 0.45MM 100PC/PKT	PVDF SYRINGE FILTERS 0.45MM 100PC/PKT	100PCS/PKT	AS AND WHEN REQUIRED
139	PYKNOMETER (25ML) WITH A QUICKFIT THERMOMETER 30DEGREES	25MLS	PCS	AS AND WHEN REQUIRED
140	REPLACEMENT BATTERIES FOR 10KVA APC UPS	REPLACEMENT BATTERIES FOR 10KVA APC UPS	REPLACEMENT BATTERIES FOR 10KVA APC UPS	AS AND WHEN REQUIRED
141	REUSABLE SYRINGES STRERILE NON TOXIC	REUSABLE SYRINGES STRERILE NON TOXIC	100PCS/PKT	AS AND WHEN REQUIRED
142	RIB COLUMN: (OR EQUIVALENT)	C18, 150 X 4.6 MM, 5 µM	PIECE	AS AND WHEN REQUIRED
143	RUBBER CEMENT	RUBBER CEMENT	PIECES	AS AND WHEN REQUIRED
144	SCISSORS	PCS	LARGE	AS AND WHEN REQUIRED
145	SCISSORS	PCS	SMALL	AS AND WHEN REQUIRED
146	SEWING THREAD 40S/2	SEWING THREAD 40S/2	PIECES	AS AND WHEN REQUIRED
147	STAINLESS STEEL BALLS	STAINLESS STEEL BALLS	PIECES	AS AND WHEN REQUIRED
148	STAINLESS STEEL DISCS	STAINLESS STEEL DISCS	PIECES	AS AND WHEN REQUIRED
149	STAINLESS STEEL PANEL 125MMX 63MMX 1.5MM	STAINLESS STEEL PANEL 125MMX 63MMX 1.5MM	PIECE	AS AND WHEN REQUIRED
150	STAINLESS STEEL PANEL 125MMX 63MMX 1.5MM	STAINLESS STEEL PANEL 125MMX 63MMX 1.5MM	PCS	AS AND WHEN REQUIRED
151	STANDARD BACKING FOAM	STANDARD BACKING FOAM	PIECES	AS AND WHEN REQUIRED
152	STANDARD SOAP	STANDARD SOAP	250G	AS AND WHEN REQUIRED
153	SURGICAL GLOVES	SURGICAL GLOVES	100PCS/PKT	AS AND WHEN REQUIRED
154	SYRINGE (5-10ML)	SYRINGE (5-10ML)	PKT	AS AND WHEN REQUIRED
155	SYRINGE FILTERS (NYLON MEMBRANE, 4.5µ, 2 INCH DIAMETER)	NYLON MEMBRANE, 0.45µM, 2 INCH DIAMETER)	100PCS/PKT	AS AND WHEN REQUIRED
156	TECHNICAL BLADES FOR SAMPLE CUTTERS	TECHNICAL BLADES FOR SAMPLE CUTTERS	PIECES	AS AND WHEN REQUIRED
157	TETRA-ACETYLETHYLENE DIAMINE (TAED)	AR	250G	AS AND WHEN REQUIRED
158	VIAL INSERTS - PLASTIC(FOR 1.5ML VIALS, SPRING BOTTOM)	VIAL INSERTS - PLASTIC(FOR 1.5ML VIALS, SPRING BOTTOM)	50PCS/PKT	AS AND WHEN REQUIRED
159	WASH BOTTLE 500ML PLASTIC	WASH BOTTLE 500ML PLASTIC	PIECES	AS AND WHEN REQUIRED
160	WATER JET PUMP	ULTIMATE VACUUM: APPROX 16 MBAR (AT 12 °C WATER TEMPERATURE) OR APPROX 24 MBAR (AT 20 °C).SUCTION CAPACITY: APPROXIMATELY 400 TO 450 LITERS OF AIR PER HOUR AT 3.5 BAR FLOW PRESSURE.	PIECE	AS AND WHEN REQUIRED
161	WHATMAN GF/A GLASS-FIBRE	WHATMAN GF/A GLASS-FIBRE	PKT	AS AND WHEN REQUIRED
162	WHATMAN GF/A GLASS-FIBRE	WHATMAN GF/A GLASS-FIBRE	PKT	AS AND WHEN REQUIRED
163	WOOL ABRADANT FABRIC	WOOL ABRADANT FABRIC	PIECES	AS AND WHEN REQUIRED
164	XRF MYLAR FILM	XRF MYLAR FILM	PCS/ROLL	AS AND WHEN REQUIRED
165	XRF SAMPLE CUPS	XRF SAMPLE CUPS	1000PCS/ PKT	AS AND WHEN REQUIRED



15. SAMPLE PREPARATION ITEMS

NO.	ITEM DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY REQUIRED
1	AGILENT QUECHERS EXTRACTION KIT, EN 15662 METHOD,	50/PK PART NO. 5982-5650	50/PK	AS AND WHEN REQUIRED
2	QUECHERS DISPERSIVE KIT, GENERAL FRUITS AND VEGETABLES, EN METHOD, 15 ML,	50/PK.PART NO. 5982-5056	50/PK	AS AND WHEN REQUIRED
3	QUECHERS DISPERSIVE KIT, PIGMENTED FRUITS AND VEGETABLES, EN METHOD, 15 ML,	50/PK. PART NO. 5982-5256	50/PK	AS AND WHEN REQUIRED
4	QUECHERS DISPERSIVE KIT, FRUITS AND VEGETABLES WITH FATS AND WAXES, EN METHOD, 15 ML,	50/PK. PART NO. 5982-5156	50/PK	AS AND WHEN REQUIRED
5	QUECHERS DISPERSIVE KIT, HIGHLY PIGMENTED FRUITS AND VEGETABLES, EN METHOD, 15 ML,	50/PK. PART NO. 5982-5356	50/PK	AS AND WHEN REQUIRED
6	QUECHERS DISPERSIVE KIT, DRUG RESIDUES IN MEAT, AOAC METHOD, 15 ML, 50/PK.	50/PK. PART NO. 5982-5357	50/PK	AS AND WHEN REQUIRED
7	QUECHERS DISPERSIVE KIT, VET DRUG IN FOOD, AOAC METHOD, 15 ML, 50/PK.	PART NUMBER:5982-4950	50/PK	AS AND WHEN REQUIRED
8	AGILENT QUECHERS EXTRACTION KIT, VETERINARY DRUGS, 50/PK	PART NUMBER:5982-0032	50/PK	AS AND WHEN REQUIRED
9	AGILENT CAPTIVA EMR—LIPID CARTRIDGE, 3 ML, 300 MG	(PART NUMBER 5190-1003)	50/PK	AS AND WHEN REQUIRED

16. PROTECTIVE AND CLEANING

NO.	ITEM DESCRIPTION	SPECIFICATION	UNIT OF ISSUE	ESTIMATE TOTAL QUANTITY REQUIRED
1	MULTIPURPOSE LIQUID DETERGENT	20L	20L	AS AND WHEN REQUIRED
2	RUBBER GLOVES	S, M, L	PAIRS	AS AND WHEN REQUIRED
3	BLEACH	20L	750ML PACK	AS AND WHEN REQUIRED
4	BAR SOAP	1KG	PIECES	AS AND WHEN REQUIRED
5	HAND TOWEL	STANDARD SIZE	PIECES	AS AND WHEN REQUIRED
6	MOP	LONG HANDLE	PIECES	AS AND WHEN REQUIRED
7	MOP HEAD	HEAVY DUTY	PIECES	AS AND WHEN REQUIRED
8	PETROLEUM JELLY	200G	PIECES	AS AND WHEN REQUIRED
9	INSECTICIDE	100ML	PIECES	AS AND WHEN REQUIRED
10	AIR FRESHENER	100ML	PIECES	AS AND WHEN REQUIRED
11	WASH CLOTHS	STD SIZE	PIECES	AS AND WHEN REQUIRED
12	LEATHER GLOVES	S, M, L	PAIRS	AS AND WHEN REQUIRED
13	RUBBER GLOVES	S, M, L	PAIRS	AS AND WHEN REQUIRED
14	GAS MASK	ORGANIC FITRATION CAPACITY	PIECES	AS AND WHEN REQUIRED
15	GOGGLES	PLASTIC	PAIRS	AS AND WHEN REQUIRED
16	AIR-PURIFYING RESPIRATOR (APR)	P100 = ≥99.97% PARTICULATE FILTRATION/ NIOSH APPROVED	FULL SET	AS AND WHEN REQUIRED

[The Procuring Entity shall fill in this table, with the exception of the column “Tenderer's offered Delivery date” to be filled by the tenderer]



1. List of Related Services and Completion Schedule

[This table shall be filled in by the Procuring Entity. The Required Completion Dates should be realistic, and consistent with the required Goods Delivery Dates (as per Incoterms)].

Service	Description of Service	Quantity¹	Physical Unit	Place where Services shall be performed	Final Completion Date(s) of Services
<i>[insert Service No]</i>	<i>[insert description of Related Services]</i>	<i>[insert quantity of items to be supplied]</i>	<i>[insert physical unit for the items]</i>	<i>[insert name of the Place]</i>	<i>[insert required Completion Date(s)]</i>
	REFER SECTION V (A,B,C,D,E,F,G,H)	REFER SECTION V (A,B,C,D,E,F,G,H,I)	REFER SECTION V (A,B,C,D,E,F,G,H,I)	KEBS HQ, KEBS-KISUMU, KEBS-MOMBASA, KEBS-ELDORET	

¹If applicable

2 Technical Specifications

- 2.1 The purpose of the Technical Specifications (TS), is to define the technical characteristics of the Goods and Related Services required by the Procuring Entity. The Procuring Entity shall prepare the detailed TS consider that:
- i) The TS constitute the benchmarks against which the Procuring Entity will verify the technical responsiveness of Tenders and subsequently evaluate the Tenders. Therefore, well-defined TS will facilitate preparation of responsive Tenders by tenderers, as well as examination, evaluation, and comparison of the Tenders by the Procuring Entity.
 - ii) The TS shall require that all goods and materials to be incorporated in the goods be new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided for otherwise in the contract.
 - iii) The TS shall make use of best practices. Samples of specifications from successful similar procurements in the same country or sector may provide a sound basis for drafting the TS.
 - iv) The PPRA encourages the use of metric units.
 - v) Standardizing technical specifications may be advantageous, depending on the complexity of the goods and the repetitiveness of the type of procurement. Technical Specifications should be broad enough to avoid restrictions on workmanship, materials, and equipment commonly used in manufacturing similar kinds of goods.
 - vi) Standards for equipment, materials, and workmanship specified in the Tendering document shall not be restrictive. Recognized international standards should be specified as much as possible. Reference to brand names, catalogue numbers, or other details that limit any materials or items to a specific manufacturer should be avoided as far as possible. Where unavoidable, such item description should always be followed by the words “or substantially equivalent.” When other particular standards or codes of practice are referred to in the TS, whether from the Procuring Entity's or from other eligible countries, a statement should follow other authoritative standards that ensure at least a substantially equal quality, then the standards mentioned in the TS will also be acceptable.
 - vii) Reference to brand names and catalogue numbers should be avoided as far as possible; where unavoidable the words “or at least equivalent” shall always follow such references.
 - viii) Technical Specifications shall be fully descriptive of the requirements in respect of, but not limited to, the following:
 - a) Standards of materials and workmanship required for the production and manufacturing of the Goods.
 - b) Any sustainable procurement technical requirements shall be clearly specified.
- 2.2 To encourage tenderers' innovation in addressing sustainable procurement requirements, as long as the Tender evaluation criteria specify the mechanism for monetary adjustments for the purpose of Tender comparisons, tenderers may be invited to offer Goods that exceeds the specified minimum sustainable procurement requirements.
- i) Detailed tests required (type and number).
 - ii) Other additional work and/or Related Services required to achieve full delivery/completion.
 - iii) Detailed activities to be performed by the Supplier, and participation of the Procuring Entity thereon.
 - iv) List of detailed functional guarantees covered by the Warranty and the specification of the liquidated damages to be applied in the event that such guarantees are not met.
- 2.3 The TS shall specify all essential technical and performance characteristics and requirements, including

guaranteed or acceptable maximum or minimum values, as appropriate. Whenever necessary, the Procuring Entity shall include an additional ad-hoc Tendering form (to be an Attachment to the Letter of Tender), where the tenderer shall provide detailed information on such technical performance characteristics in respect to the corresponding acceptable or guaranteed values.

- 24 When the Procuring Entity requests that the tenderer provides in its Tender a part or all of the Technical Specifications, technical schedules, or other technical information, the Procuring Entity shall specify in detail the nature and extent of the required information and the manner in which it has to be presented by the tenderer in its Tender.
- 25 If a summary of the Technical Specifications(TS) has to be provided, the Procuring Entity shall insert information in the table below. The tenderer shall prepare a similar table to justify compliance with the requirements.

Summary of Technical Specifications: The Goods and Related Services shall comply with following Technical Specifications and Standards:

Item No	Name of Goods or Related Service	Technical Specifications and Standards
[insert item No]	[insert name]	[insert TS and Standards]
REFER SECTION V (A,B,C,D,E,F,G,H,I)	REFER SECTION V (A,B,C,D,E,F,G,H,I)	REFER SECTION V (A,B,C,D,E,F,G,H,I)

Detailed Technical Specifications and Standards:

3. Drawings

This Tendering document includes: NOT APPLICABLE.

List of Drawings		
Drawing No.	Drawing Name	Purpose
Not Applicable		

4. Inspections and Tests

The following inspections and tests shall be performed: To be conducted during delivery



PART 3 - CONDITIONS OF CONTRACT AND CONTRACT FORMS

SECTION VI - GENERAL CONDITIONS OF CONTRACT

1. Definitions

In the Conditions of Contract (“these Conditions”), which include Special Conditions, Parts A and B, and these General Conditions, the following words and expressions shall have the meanings stated. Words indicating persons or parties include corporations and other legal entities, except where the context requires otherwise.

- a) “Contract” means the Contract Agreement entered into between the Procuring Entity and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.
- b) “Contract Documents” means the documents listed in the Contract Agreement, including any amendments thereto.
- c) “Contract Price” means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions therefrom, as may be made pursuant to the Contract.
- d) “Day” means calendar day.
- e) “Completion” means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.
- f) “GCC” means the General Conditions of Contract.
- g) “Goods” means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Procuring Entity under the Contract.
- h) “Procuring Entity” means the Procuring Entity purchasing the Goods and Related Services, as **specified in the SCC**.
- i) “Related Services” means the services incidental to the supply of the goods, such as insurance, delivery, installation, commissioning, training and initial maintenance and other such obligations of the Supplier under the Contract.
- j) “SCC” means the Special Conditions of Contract.
- k) “Subcontractor” means any person, private or government entity, or a combination of the above, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.
- l) “Supplier” means the person, private or government entity, or a combination of the above, whose Tender to perform the Contract has been accepted by the Procuring Entity and is named as such in the Contract Agreement.
- m) “**Base Date**” means a date 30 day prior to the submission of tenders.
- n) “**Laws**” means all national legislation, statutes, ordinances, and regulations and by-laws of any legally constituted public authority.
- o) “**Letter of Acceptance**” means the letter of formal acceptance, signed by the contractor. Procuring Entity, including any annexed memoranda comprising agreements between and signed by both Parties.
- p) “**Procuring Entity**” means the Entity named in the Special Conditions of Contract.

2. Interpretation

21. If the context so requires it, singular means plural and vice versa.
22. Incoterms
 - a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties thereunder shall be as prescribed by Incoterms **specified in the SCC**.
 - b) The terms EXW and CIP and other similar terms, when used, shall be governed by the rules prescribed in the current edition of Incoterms specified in the **SCC** and published by the International Chamber of Commerce in Paris, France.

3. **Contract Documents**

Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole. The documents forming the Contract shall be interpreted in the following order of priority:

- a) the Contract Agreement,
- b) the Letter of Acceptance,
- c) the General Conditions of Contract
- d) Special Conditions of Contract
- e) the Form of Tender,
- f) the Specifications and Schedules of the Drawings (if any), and
- g) the Schedules of Requirements, Price Schedule and any other documents forming part of the Contract.

4. **Fraud and Corruption**

- 3.1 The supplier shall comply with anti-corruption laws and guidelines and the prevailing sanctions, policies and procedures as set forth in the Laws of Kenya.
- 3.2 The Supplier shall disclose any commissions, gratuity or fees that may have been paid or are to be paid to agents or any other person with respect to the Tendering process or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee.

4.1 **Entire Agreement**

- 4.3.1 The Contract constitutes the entire agreement between the Procuring Entity and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

4.2 **Amendment**

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.3 **Non-waiver**

- a) Subject to GCC Sub-Clause 4.5(b) below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as a waiver of any subsequent or continuing breach of Contract.
- b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must

specify the right and the extent to which it is being waived.

4.4 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Procuring Entity, shall be written in the **English Language**. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate and certified translation of the relevant passages in the **English Language**, in which case, for purposes of interpretation of the Contract, the English language is translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

6. Joint Venture, Consortium or Association

6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Procuring Entity for the fulfilment of the provisions of the Contract and shall designate one member of the joint venture, consortium, or association to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior written consent of the Procuring Entity.

7. Eligibility

7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Sub-contractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.

7.2 All Goods and Related Services to be supplied under the Contract shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

7.3 The Tenderer, if a Kenyan firm, must submit with its tender a valid tax compliance certificate from the Kenya Revenue Authority.

8. Notices

8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the SCC. The term "in writing" means communicated in written form with proof of receipt.

8.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

9. Governing Law

9.1 The Contract shall be governed by and interpreted in accordance with the laws of Kenya.

9.2 Throughout the execution of the Contract, the Supplier shall comply with the import of goods and services prohibitions in Kenya:

- a) where, as a matter of law, compliance or official regulations, Kenya prohibits commercial relations with that country or any import of goods from that country or any payments to any country, person, or entity in that country; or
- b) by an act of compliance with a decision of the United Nations Security Council taken under

Chapter VII of the Charter of the United Nations, Kenya prohibits any import of goods from that country or any payments to any country, person, or entity.

10. Settlement of Disputes

10.1 The Procuring Entity and the Supplier shall make every effort to resolve amicably by direct negotiation any disagreement or dispute arising between them under or in connection with the Contract.

10.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Procuring Entity or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract.

10.2 Arbitration proceedings shall be conducted as follows:

10.21 Any claim or dispute between the Parties arising out of or in connection with the Contract not settled amicably in accordance with Sub-Clause 10.1 shall be finally settled by arbitration.

10.22 No arbitration proceedings shall be commenced on any claim or dispute where notice of a claim or dispute has not been given by the applying party within thirty days of the occurrence or discovery of the matter or issue giving rise to the dispute.

10.23 Notwithstanding the issue of a notice as stated above, the arbitration of such a claim or dispute shall not commence unless an attempt has in the first instance been made by the parties to settle such claim or dispute amicably with or without the assistance of third parties. Proof of such attempt shall be required.

10.24 The Arbitrator shall, without prejudice to the generality of his powers, have powers to direct such measurements, computations, or valuations as may in his opinion be desirable in order to determine the rights of the parties and assess and award any sums which ought to have been the subject of or included in any due payments.

10.25 Neither Party shall be limited in the proceedings before the arbitrators to the evidence, or to the reasons for the dispute given in its notice of a claim or dispute.

10.26 Arbitration may commence prior to or after delivery of the goods. The obligations of the Parties shall not be altered by reason of any arbitration being conducted during the progress of the delivery of goods.

10.27 The terms of the remuneration of each or all the members of Arbitration shall be mutually agreed upon by the Parties when agreeing the terms of appointment. Each Party shall be responsible for paying one-half of this remuneration.

10.3 Arbitration Proceedings

10.31 Arbitration proceedings with national suppliers will be conducted in accordance with the Arbitration Laws of Kenya. In case of any claim or dispute, such claim or dispute shall be notified in writing by either party to the other with a request to submit it to arbitration and to concur in the appointment of an Arbitrator within thirty days of the notice. The dispute shall be referred to the arbitration and final decision of a person or persons to be agreed between the parties. Failing agreement to concur in the appointment of an Arbitrator, the Arbitrator shall be appointed, on the request of the applying party, by the Chairman or Vice Chairman of any of the following professional institutions;

- i) Kenya National Chamber of Commerce
- ii) Chartered Institute of Arbitrators (Kenya Branch)
- iii) The Law Society of Kenya

10.32 The institution written to first by the aggrieved party shall take precedence over all other institutions.

10.33 Alternative Arbitration Proceedings

Alternatively, the Parties may refer the matter to the Nairobi Centre for International Arbitration (NCIA) which offers a neutral venue for the conduct of national and international arbitration with commitment to providing institutional support to the arbitral process.

104 Arbitration with Foreign Suppliers

- 1041 Arbitration with foreign suppliers shall be conducted in accordance with the arbitration rules of the United Nations Commission on International Trade Law (UNCITRAL); or with proceedings administered by the International Chamber of Commerce (ICC) and conducted under the ICC Rules of Arbitration; by one or more arbitrators appointed in accordance with said arbitration rules.

1042 The place of arbitration shall be a location specified in the SCC; and the arbitration shall be conducted in the language for communications defined in Sub-Clause 1.4 [Law and Language].

105 Alternative Arbitration Proceedings

Alternatively, the Parties may refer the matter to the Nairobi Centre for International Arbitration (NCIA) which offers a neutral venue for the conduct of national and international arbitration with commitment to providing institutional support to the arbitral process.

106 Failure to Comply with Arbitrator's Decision

1061 The award of such Arbitrator shall be final and binding upon the parties.

10.6.1 In the event that a Party fails to comply with a final and binding Arbitrator's decision, then the other Party may, without prejudice to any other rights it may have, refer the matter to a competent court of law.

107 Contract operations continue

Notwithstanding any reference to arbitration herein,

- a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and
- b) the Procuring Entity shall pay the Supplier any monies due the Supplier.

11. Inspections and Audit by the Procuring Entity

11.1 The Supplier shall keep, and shall cause its Subcontractors to keep, accurate and systematic accounts and records in respect of the Goods in such form and details as will clearly identify relevant time, changes and costs.

11.2 Pursuant to paragraph 2.2 of Instruction to Tenderers, the Supplier shall permit and shall cause its subcontractors to permit, the Procuring Entity and/or persons appointed by the Procuring Entity or by other statutory bodies of the Government to inspect the Site and/or the accounts and records relating to the procurement process, selection and/or contract execution, and to have such accounts and records audited by auditors appointed by the Procuring Entity. The Supplier's and its Subcontractors' attention is drawn to Sub-Clause 3.1 which provides, inter alia, that acts intended to materially impede the exercise of the Procuring Entity's inspection and audit rights constitute a prohibited practice subject to contract termination, as well as to a determination of ineligibility.

12. Scope of Supply

12.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.

13. Delivery and Documents

13.1 Subject to GCC Sub-Clause 33.1, the delivery of the Goods and completion of the Related Services shall be in accordance with the List of Goods and Delivery Schedule specified in the Supply Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the SCC.

14. Supplier's Responsibilities

14.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 12, and the Delivery and Completion Schedule, as per GCC Clause 13.

15. Contract Price

151 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its Tender, with the exception of any price adjustments authorized in the SCC.

152 Where the contract price is different from the corrected tender price, in order to ensure the supplier is not paid less or more relative to the contract price (*which would be the tender price*), any partial payment valuation based on rates in the schedule of prices in the Tender, will be adjusted by a plus or minus percentage. The percentage already worked out during tender evaluation is worked out as follows: $(\text{corrected tender price} - \text{tender price}) / \text{tender price} \times 100$.

16. Terms of Payment

161 The Supplier shall request for payment by submitting invoice(s), delivery note(s) and any other relevant documents as specified in the SCC to the Procuring Entity.

162 Payments shall be made promptly by the Procuring Entity, but not later than thirty (30) days after submission of an invoice by the Supplier, and after the Procuring Entity has accepted it.

163 Where a Procuring Entity rejects Goods and Related Services, in part or wholly, the procuring Entity shall promptly inform the Supplier to collect, replace or rectify as appropriate and give reasons for rejection. The Supplier shall submit a fresh invoice, delivery note and any other relevant documents as specified in the SCC.

164 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the Tender price is expressed.

165 In the event that the Procuring Entity fails to pay the Supplier any payment by its due date or within the period set forth in the SCC, the Procuring Entity may pay to the Supplier interest on the amount of such delayed payment at the rate shown in the SCC, for the period of delay until payment has been made in full, whether before or after judgment or arbitration award.

17. Taxes and Duties

17.1 The Supplier shall be entirely responsible for all taxes, duties, license fees, and other such levies incurred to deliver the Goods and Related Services to the Procuring Entity at the final delivery point.

17.3 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in Kenya, the Supplier shall inform the Procuring Entity and the Procuring Entity shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

18. Performance Security

181 If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide performance security for the performance of the Contract in the amount specified in the SCC.

182 The proceeds of the Performance Security shall be payable to the Procuring Entity as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

183 As specified in the SCC, the Performance Security, if required, shall be denominated in the currency(ies) of the Contract, or in a freely convertible currency acceptable to the Procuring Entity; and shall be in one of the formats stipulated by the Procuring Entity in the SCC, or in another format acceptable to the Procuring Entity.

184 The Performance Security shall be discharged by the Procuring Entity and returned to the Supplier not later than thirty (30) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.

19. Copyright

19.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Procuring Entity by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Procuring Entity directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party.

20. Confidential Information

20.1 The Procuring Entity and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Sub-Supplier such documents, data, and other information it receives from the Procuring Entity to the extent required for the Sub Supplier to perform its work under the Contract, in which event the Supplier shall obtain from such Sub Supplier undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause 20.

20.2 The Procuring Entity shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Procuring Entity for any purpose other than the performance of the Contract.

20.3 The obligation of a party under GCC Sub-Clauses 20.1 and 20.2 above, however, shall not apply to information that:

- a) the Procuring Entity or Supplier need to share with other arms of Government or other bodies participating in the financing of the Contract; such parties shall be disclosed in **the SCC**;
- b) now or hereafter enters the public domain through no fault of that party;
- c) can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or
- d) otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

20.4 The above provisions of GCC Clause 20 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

20.5 The provisions of GCC Clause 20 shall survive completion or termination, for whatever reason, of the Contract.

21. Subcontracting

21.1 The Supplier shall notify the Procuring Entity in writing of all subcontracts awarded under the Contract if not already specified in the Tender. Such notification, in the original Tender or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

21.2 Subcontracts shall comply with the provisions of GCC Clauses 3 and 7.

22. Specifications and Standards

22.1 Technical Specifications and Drawings

- a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section VI, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.
- b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing,

specification or other document, or any modification thereof provided or designed by or on behalf of the Procuring Entity, by giving a notice of such disclaimer to the Procuring Entity.

- c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Procuring Entity and shall be treated in accordance with GCC Clause 33.

23. Packing and Documents

- 23.1 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. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, 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.
- 23.2 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 other instructions ordered by the Procuring Entity.

24. Insurance

- 24.1 Unless otherwise specified in the **SCC**, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Incoterms or in the manner specified in the **SCC**.

25. Transportation and Incidental Services

- 25.1 Unless otherwise specified in the **SCC**, responsibility for arranging transportation of the Goods shall be in accordance with the specified Incoterms.
- 25.2 The Supplier may be required to provide any or all of the following services, including additional services, if any, specified **in SCC**:
- a) performance or supervision of on-site assembly and/or start-up of the supplied Goods;
 - b) furnishing of tools required for assembly and/or maintenance of the supplied Goods;
 - c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
 - d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
 - e) training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.
- 25.3 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

26. Inspections and Tests

- 26.1 The Supplier shall at its own expense and at no cost to the Procuring Entity carry out all such tests and/or inspections of the Goods and Related Services as are specified in the **SCC**.
- 26.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in Kenya as specified

in the SCC. Subject to GCC Sub-Clause 26.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Procuring Entity.

- 26.3** The Procuring Entity or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 26.2, provided that the Procuring Entity bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all travelling and board and lodging expenses.
- 26.4** Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Procuring Entity. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Procuring Entity or its designated representative to attend the test and/or inspection.
- 26.5** The Procuring Entity may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.
- 26.6** The Supplier shall provide the Procuring Entity with a report of the results of any such test and/or inspection.
- 26.7** The Procuring Entity may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Procuring Entity, and shall repeat the test and/or inspection, at no cost to the Procuring Entity, upon giving a notice pursuant to GCC Sub-Clause 26.4.
- 26.8** The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Procuring Entity or its representative, nor the issue of any report pursuant to GCC Sub-Clause 26.6, shall release the Supplier from any warranties or other obligations under the Contract.

27. Liquidated Damages

- 27.1** Except as provided under GCC Clause 32, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Procuring Entity may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those SCC. Once the maximum is reached, the Procuring Entity may terminate the Contract pursuant to GCC Clause 35.

28. Warranty

- 28.1** The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.
- 28.2** Subject to GCC Sub-Clause 22.1(b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.
- 28.3** Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted

at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

- 28.4 The Procuring Entity shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Procuring Entity shall afford all reasonable opportunity for the Supplier to inspect such defects.
- 28.5 Upon receipt of such notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Procuring Entity.
- 28.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC, the Procuring Entity may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Procuring Entity may have against the Supplier under the Contract.

29. Patent Indemnity

- 29.1 The Supplier shall, subject to the Procuring Entity's compliance with GCC Sub-Clause 29.2, indemnify and hold harmless the Procuring Entity and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Procuring Entity may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

- a) the installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and
- b) the sale in any country of the products produced by the Goods.

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

- 29.2 If any proceedings are brought or any claim is made against the Procuring Entity arising out of the matters referred to in GCC Sub-Clause 29.1, the Procuring Entity shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Procuring Entity's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.
- 29.3 If the Supplier fails to notify the Procuring Entity within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Procuring Entity shall be free to conduct the same on its own behalf.
- 29.4 The Procuring Entity shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.
- 29.5 The Procuring Entity shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Procuring Entity.

30. Limitation of Liability

- 30.1 Except in cases of criminal negligence or willful misconduct,
- a) the Supplier shall not be liable to the Procuring Entity, 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 liquidated damages to the Procuring Entity, and
 - b) the aggregate liability of the Supplier to the Procuring Entity, 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, or to any obligation of the supplier to indemnify the Procuring Entity with respect to patent infringement.

31. Change in Laws and Regulations

- 31.1 Unless otherwise specified in the Contract, if after the date of 30 days prior to date of Tender submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in Kenya (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause 15.

32. Force Majeure

- 32.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 32.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Procuring Entity in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 32.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring Entity in writing of such condition and the cause thereof. Unless otherwise directed by the Procuring Entity 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.

33. Change Orders and Contract Amendments

- 33.1 The Procuring Entity may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:
- a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Procuring Entity;
 - b) the method of shipment or packing;
 - c) the place of delivery; and
 - d) the Related Services to be provided by the Supplier.
- 33.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Procuring

Entity's change order.

- 333 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract 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.
- 334 **Value Engineering:** The Supplier may prepare, at its own cost, a value engineering proposal at any time during the performance of the contract. The value engineering proposal shall, at a minimum, include the following;
- a) the proposed change(s), and a description of the difference to the existing contract requirements;
 - b) a full cost/benefit analysis of the proposed change(s) including a description and estimate of costs (including life cycle costs) the Procuring Entity may incur in implementing the value engineering proposal; and
 - c) a description of any effect(s) of the change on performance/functionality.
- 335 The Procuring Entity may accept the value engineering proposal if the proposal demonstrates benefits that:
- a) accelerates the delivery period; or
 - b) reduces the Contract Price or the life cycle costs to the Procuring Entity; or
 - c) improves the quality, efficiency or sustainability of the Goods; or
 - d) yields any other benefits to the Procuring Entity, without compromising the necessary functions of the Facilities.
- 336 If the value engineering proposal is approved by the Procuring Entity and results in:
- a) a reduction of the Contract Price; the amount to be paid to the Supplier shall be the percentage specified **in the SCC** of the reduction in the Contract Price; or
 - b) an increase in the Contract Price; but results in a reduction in life cycle costs due to any benefit described in
(a) to (d) above, the amount to be paid to the Supplier shall be the full increase in the Contract Price.
- 337 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

34. Extensions of Time

- 34.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 13, the Supplier shall promptly notify the Procuring Entity in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Procuring Entity shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.
- 34.2 Except in case of Force Majeure, as provided under GCC Clause 32, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 34.1.

35. Termination

- 35.1 Termination for Default
- a) The Procuring Entity, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:
 - i) if the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Procuring Entity pursuant to GCC Clause 34;

- ii) if the Supplier fails to perform any other obligation under the Contract; or
 - iii) if the Supplier, in the judgment of the Procuring Entity has engaged in Fraud and Corruption, as defined in paragraph 2.2 a of the Appendix to the GCC, in competing for or in executing the Contract.
- b) In the event the Procuring Entity terminates the Contract in whole or in part, pursuant to GCC Clause 35.1(a), the Procuring Entity may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Procuring Entity for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

35.2 Termination for Insolvency.

The Procuring Entity may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Procuring Entity

35.2 Termination for Convenience.

- a) The Procuring Entity, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Procuring Entity's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.
- b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Procuring Entity at the Contract terms and prices. For the remaining Goods, the Procuring Entity may elect:
 - i) to have any portion completed and delivered at the Contract terms and prices; and/or
 - ii) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

36. Assignment

- 36.1 Neither the Procuring Entity nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

37. Export Restriction

- 37.1 Notwithstanding any obligation under the Contract to complete all export formalities, any export restrictions attributable to the Procuring Entity, to Kenya, or to the use of the products/goods, systems or services to be supplied, which arise from trade regulations from a country supplying those products/goods, systems or services, and which substantially impede the Supplier from meeting its obligations under the Contract, shall release the Supplier from the obligation to provide deliveries or services, always provided, however, that the Supplier can demonstrate to the satisfaction of the Procuring Entity that it has completed all formalities in a timely manner, including applying for permits, authorizations and licenses necessary for the export of the products/goods, systems or services under the terms of the Contract. Termination of the Contract on this basis shall be for the Procuring Entity's convenience pursuant to Sub-Clause 35.3.

**SECTION VII - SPECIAL CONDITIONS OF CONTRACT**

The following Special Conditions of Contract (SCC) shall supplement and/or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

[The Procuring Entity shall select insert the appropriate wording using the samples below or other acceptable wording, and delete the text in italics].

SECTION VII - SPECIAL CONDITIONS OF CONTRACT

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

[The Procuring Entity shall select insert the appropriate wording using the samples below or other acceptable wording, and delete the text in italics]

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
GCC 1.1(h)	The Procuring Entity is: KENYA BUREAU OF STANDARDS
GCC 4.2 (a)	The meaning of the trade terms shall be as prescribed by Incoterms. If the meaning of any trade term and the rights and obligations of the parties thereunder shall not be as prescribed by Incoterms, they shall be as prescribed by: <i>[exceptional; refer to other internationally accepted trade terms]</i>
GCC 4.2 (b)	The version edition of Incoterms shall be <i>INCOTERMS 2015</i>
GCC 8.1	The Managing Director, Kenya Bureau of Standards, Popo Road off Mombasa Road P.O. Box 54974 - 00200 Nairobi
GCC 10.4.2	the place of arbitration shall be determined at the time of dispute
GCC 13.1	Details of Shipping and other Documents to be furnished by the Supplier are <i>[insert the required documents, such as a negotiable bill of lading, a non-negotiable sea way bill, an airway bill, a railway consignment note, a road consignment note, insurance certificate, Manufacturer's or Supplier's warranty certificate, inspection certificate issued by nominated inspection agency, Supplier's factory shipping details etc.]</i> . The above documents shall be received by the Procuring Entity before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.
GCC 15.1	The prices charged for the Goods supplied and the related Services performed <i>SHALL NOT</i> be adjustable.
GCC 16.1	Sample provision GCC 16.1—The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: A. Payment for Goods supplied from abroad: Payment shall be in kenya shillings (i) Advance Payment: No Advance Payment

	<p>(ii) On Shipment: Payment will be made after delivery and acceptance of goods</p> <p>(iii) On Acceptance: Contract Price of Goods received shall be paid within thirty (30) days of receipt of the Goods upon submission of claim supported by the acceptance certificate issued by the Procuring Entity.</p> <p>B. Payment of local currency portion of a foreign Supplier shall be made in: Only citizen contractors are eligible no foreign are not eligible</p> <p>C. Payment for Goods and Services supplied from within Kenya:</p> <p>Payment for Goods and Services supplied from within Kenya shall be made in Kenya shilling as follows:</p> <p>(i) Advance Payment: No Advance payment</p> <p>(ii) On Delivery: N/A</p> <p>(iii) On Acceptance: The Supplier will be paid within thirty (30) days after the date of the acceptance certificate for the respective delivery issued by the Procuring Entity.</p>
<p>GCC 18.1</p>	<p>A Performance Security shall be required</p> <p>The amount of Performance Security shall be Kenya Shillings 500,000 in form of a bank guarantee drawn by a bank licensed by the Central Bank of Kenya.</p>
<p>GCC 23.2</p>	<p>The packing, marking and documentation within and outside the packages shall be <i>shall be indicated by the supplier</i></p>



GCC 24.1	The insurance coverage shall be as specified in the Incoterms. If not in accordance with Incoterms, insurance shall be as follows: <i>Incoterms Is Delivery Duty Paid (DDP)</i>
GCC 25.1	Responsibility for transportation of the Goods shall be as specified in the Incoterms. <i>Interterms Is DDP</i>
GCC 26.2	The Inspections and tests shall be conducted at: <i>KEBS</i>
GCC 28.3	The period of validity of the Warranty shall be: <i>[One Year]</i> For purposes of the Warranty, the place(s) of final destination(s) shall be: <i>KEBS.</i>



SECTION VIII - CONTRACT FORMS

This Section contains forms which, once completed, will form part of the Contract. The forms for Performance Security and Advance Payment Security, when required, shall only be completed by the successful tenderer after ` contract award.



FORM No. 1: NOTIFICATION OF INTENTION TO AWARD

This Notification of Intention to Award shall be sent to each Tenderer that submitted a Tender. Send this Notification to the Tenderer's Authorized Representative named in the Tender Information Form on the format below.

FORMAT

1. For the attention of Tenderer's Authorized Representative

- i) Name: _____ *[insert Authorized Representative's name]*
- ii) Address: _____ *[insert Authorized Representative's Address]*
- iii) Telephone: _____ *[insert Authorized Representative's telephone/fax numbers]*
- iv) Email Address: _____ *[insert Authorized Representative's email address]*

[IMPORTANT: insert the date that this Notification is transmitted to Tenderers. The Notification must be sent to all Tenderers simultaneously. This means on the same date and as close to the same time as possible.]

2. Date of transmission: _____ *[email]* on *[date]* _____ (local time)

This Notification is sent by _____ *(Name and designation)*

3. Notification of Intention to Award

- i) Employer: _____ *[insert the name of the Employer]*
- ii) Project: _____ *[insert name of project]*
- iii) Contract title: _____ *[insert the name of the contract]*
- iv) Country: _____ *[insert country where ITT is issued]*
- v) ITT No: _____ *[insert ITT reference number from Procurement Plan]*

This Notification of Intention to Award (Notification) notifies you of our decision to award the above contract. The transmission of this Notification begins the Standstill Period. During the Standstill Period, you may:

4. Request a debriefing in relation to the evaluation of your tender

Submit a Procurement-related Complaint in relation to the decision to award the contract.

a) The successful tenderer

- i) Name of successful Tender _____
- ii) Address of the successful Tender _____
- iii) Contract price of the successful Tender Kenya Shillings _____ (in words _____)

b) Other Tenderers

Names of all Tenderers that submitted a Tender. If the Tender's price was evaluated include the



evaluated price as well as the Tender price as read out. For Tenders not evaluated, give one main reason the Tender was unsuccessful.

S/No.	Name of Tender	Tender Price as read out	Tender's evaluated price (Note a)	One Reason Why Not Evaluated
1				
2				
3				
4				
5				

(Note a) State NE if not evaluated

5. How to request a debriefing?

- a) DEADLINE: The deadline to request a debriefing expires at midnight on [insert date] (localtime).
- b) You may request a debriefing in relation to the results of the evaluation of your Tender. If you decide to request a debriefing your written request must be made within three (5) BusinessDays of receipt of this Notification of Intention to Award.
- c) Provide the contract name, reference number, name of the Tenderer, contact details; and address the request for debriefing as follows:
 - I) Attention: _____ [insert full name of person, if applicable]
 - ii) Title/position: _____ [insert title/position]
 - ii) Agency: _____ [insert name of Employer]
 - iii) Email address: _____ [insert email address]
- d) If your request for a debriefing is received within the 3 Days deadline, we will provide the debriefing within five (3) Business Days of receipt of your request. If we are unable to provide the debriefing within this period, the Standstill Period shall be extended by five (3) Days after the date that the debriefing is provided. If this happens, we will notify you and confirm the date that the extended Standstill Period will end.
- e) The debriefing may be in writing, by phone, video conference call or in person. We shall promptly advise you in writing how the debriefing will take place and confirm the date and time.
- f) If the deadline to request a debriefing has expired, you may still request a debriefing. In this case, we will provide the debriefing as soon as practicable, and normally no later than fifteen (15) Days from the date of publication of the Contract Award Notice.

6. How to make a complaint

- a) Period: Procurement-related Complaint challenging the decision to award shall be submitted by midnight, [insert date] (local time).
- b) Provide the contract name, reference number, name of the Tenderer, contact details; and address the Procurement-related Complaint as follows:
 - I) Attention: _____ [insert full name of person, if applicable]
 - ii) Title/position: _____ [insert title/position]
 - iii) Agency: _____ [insert name of Employer]
 - iv) Email address: _____ [insert email address]
- c) At this point in the procurement process, you may submit a Procurement-related Complaint challenging the decision to award the contract. You do not need to have requested, or received, a debriefing before making this complaint. Your complaint must be submitted within the



Standstill Period and received by us before the Standstill Period ends.

- d) Further information: For more information refer to the Public Procurement and Disposals Act 2015 and its Regulations available from the Website www.ppra.go.ke or email complaints@ppra.go.ke.



You should read these documents before preparing and submitting your complaint.

- e) There are four essential requirements:
 - i) You must be an ‘interested party’. In this case, that means a Tenderer who submitted a Tender in this tendering process, and is the recipient of a Notification of Intention to Award.
 - ii) The complaint can only challenge the decision to award the contract.
 - iii) You must submit the complaint within the period stated above.
 - iv) You must include, in your complaint, all of the information required to support your complaint.

7. Standstill Period

- i) **DEADLINE:** The Standstill Period is due to end at midnight on [*insert date*] (local time).
- ii) The Standstill Period lasts ten (14) Days after the date of transmission of this Notification of Intention to Award.
- iii) The Standstill Period may be extended as stated in paragraph Section 5 (d) above.

If you have any questions regarding this Notification please do not hesitate to contact us.

On behalf of the Employer:

Signature: _____

Name: _____

Title/position: _____

Telephone: _____

Email: _____



FORM NO. 2 - REQUEST FOR REVIEW

FORM FOR REVIEW(r.203(1))

PUBLIC PROCUREMENT ADMINISTRATIVE REVIEW BOARD

APPLICATION NO.....OF.....20.....

BETWEEN

..... APPLICANT

AND

..... RESPONDENT (Procuring Entity)

Request for review of the decision of the..... (Name of the Procuring Entity ofdated the...day of20.....in the matter of Tender No.....of20..... for..... (Tender description).

REQUEST FOR REVIEW

I/We.....,the above named Applicant(s), of address: Physical address..... P. O. Box No..... Tel. No.....Email....., hereby request the Public Procurement Administrative Review Board to review the whole/part of the above mentioned decision on the following grounds , namely:

- 1.
2.

By this memorandum, the Applicant requests the Board for an order/orders that:

- 1.
2.

SIGNED(Applicant) Dated on.....day of/...20.....

FOR OFFICIAL USE ONLY Lodged with the Secretary Public Procurement Administrative Review Board on...day of20.....

SIGNED

Board Secretary



FORM NO. 3 LETTER OF AWARD

[Use letter head paper of the Procuring Entity]

_____ *[Date]*

To: _____ *[name and address of the Supplier]*

Subject: _____ *Notification of Award Contract No.*

This is to notify you that your Tender dated _____ *[insert date]* for execution of the _____ *[insert name of the contract and identification number, as given in the SCC]* for the Accepted Contract Amount of _____ *[insert amount in numbers and words and name of currency]*, as corrected and modified in accordance with the Instructions to tenderers is hereby accepted by our Agency.

You are requested to furnish the Performance Security within 30 days in accordance with the Conditions of Contract, using for that purpose the of the Performance Security Form included in Section X, Contract Forms, of the Tendering document.

Authorized Signature: _____

Name and Title of Signatory: _____

Name of Agency: _____

Attachment: Contract Agreement



FORM NO. 4 - CONTRACT AGREEMENT

[The successful tenderer shall fill in this form in accordance with the instructions indicated]

THIS AGREEMENT made the _____ [insert: number] day of _____ [insert: month], [insert: year]. BETWEEN (1) _____ [insert complete name of Procuring Entity and having its principal place of business at [insert: address of Procuring Entity] (hereinafter called "Procuring Entity"), of the one part; and (2) _____ [insert name of Supplier], a corporation incorporated under the laws of [insert: country of Supplier] and having its principal place of business at _____ [insert: address of Supplier] (hereinafter called "the Supplier"), of the other part.

1. WHEREAS the Procuring Entity invited Tenders for certain Goods and ancillary services, viz., _____

_____ [insert brief description of Goods and Services] and has accepted a Tender by the Supplier for the supply of those Goods and Services, the Procuring Entity and the Supplier agree as follows:

- i) In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.
ii) The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other contract documents.
a) the Letter of Acceptance
b) the Letter of Tender
c) the Addenda Nos. _____ (if any)
d) Special Conditions of Contract
e) General Conditions of Contract
f) the Specification (including Schedule of Requirements and Technical Specifications)
g) the completed Schedules (including Price Schedules)
h) any other document listed in GCC as forming part of the Contract
iii) In consideration of the payments to be made by the Procuring Entity to the Supplier as specified in this Agreement, the Supplier hereby covenants with the Procuring Entity to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

2. The Procuring Entity hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

3. IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of Kenya on the day, month and year indicated above.

For and on behalf of the Procuring Entity

Signed: _____ [insert signature]

in the capacity of _____ [insert title or other appropriate designation] In the presence of _____ [insert identification of official witness] For and on behalf of the Supplier

Signed: _____ [insert signature of authorized representative(s) of the Supplier] in the capacity of _____ [insert title or other appropriate designation] in the presence of _____ [insert identification of official witness]



FORM NO. 5 - PERFORMANCE SECURITY [Option 1 - Unconditional Demand Bank Guarantee]

[Guarantor letterhead]

Beneficiary: _____ [insert name and Address of Employer]

Date: _____ [Insert date of issue]

Guarantor: _____ [Insert name and address of place of issue, unless indicated in the letterhead]

1. We have been informed that _____ (hereinafter called "the Contractor") has entered into Contract No. _____ dated _____ with (name of Employer) _____ (the Employer as the Beneficiary), for the execution of _____ (hereinafter called "the Contract").
2. Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.
3. At the request of the Contractor, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of *(in words)*,¹ such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its obligation(s) under the Contract, without the Beneficiary needing to prove or to show grounds for your demand or the sum specified therein.
4. This guarantee shall expire, no later than the Day of, 2.....², and any demand for payment under it must be received by us at the office indicated above on or before that date.
5. The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed *[six months] [one year]*, in response to the Beneficiary's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee."

[Name of Authorized Official, signature(s) and seals/stamps]

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.



FORM No. 6 - PERFORMANCE SECURITY [Option 2- Performance Bond]

[Note: Procuring Entities are advised to use Performance Security – Unconditional Demand Bank Guarantee instead of Performance Bond due to difficulties involved in calling Bond holder to action]

[Guarantor letterhead or SWIFT identifier code]

Beneficiary: _____ *[insert name and Address of Employer]* **Date:** _____ *[Insert date of issue]*

PERFORMANCE BOND No.: _____

Guarantor: _____ *[Insert name and address of place of issue, unless indicated in the letterhead]*

1. By this Bond _____ as Principal (hereinafter called “the Contractor”) and _____ as Surety (hereinafter called “the Surety”), are held and firmly bound unto _____ as Obligee (hereinafter called “the Employer”) in the amount of _____ for the payment of which sum well and truly to be made in the types and proportions of currencies in which the Contract Price is payable, the Contractor and the Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.
2. WHEREAS the Contractor has entered into a written Agreement with the Employer dated the _____ day of _____, 20_____, for _____ in accordance with the documents, plans, specifications, and amendments thereto, which to the extent herein provided for, are by reference made part hereof and are hereinafter referred to as the Contract.
3. NOW, THEREFORE, the Condition of this Obligation is such that, if the Contractor shall promptly and faithfully perform the said Contract (including any amendments thereto), then this obligation shall be null and void; otherwise, it shall remain in full force and effect. Whenever the Contractor shall be, and declared by the Employer to be, in default under the Contract, the Employer having performed the Employer's obligations thereunder, the Surety may promptly remedy the default, or shall promptly:
 - 1) complete the Contract in accordance with its terms and conditions; or
 - 2) obtain a tender or tenders from qualified tenderers for submission to the Employer for completing the Contract in accordance with its terms and conditions, and upon determination by the Employer and the Surety of the lowest responsive Tenderers, arrange for a Contract between such Tenderer, and Employer and make available as work progresses (even though there should be a default or a succession of defaults under the Contract or Contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the Balance of the Contract Price; but not exceeding, including other costs and damages for which the Surety may be liable hereunder, the amount set forth in the first paragraph hereof. The term “Balance of the Contract Price,” as used in this paragraph, shall mean the total amount payable by Employer to Contractor under the Contract, less the amount properly paid by Employer to Contractor; or
 - 3) pay the Employer the amount required by Employer to complete the Contract in accordance with its terms and conditions up to a total not exceeding the amount of this Bond.
4. The Surety shall not be liable for a greater sum than the specified penalty of this Bond.
5. Any suit under this Bond must be instituted before the expiration of one year from the date of the issuing of the Taking-Over Certificate. No right of action shall accrue on this Bond to or for the use of any person or corporation other than the Employer named herein or the heirs, executors, administrators, successors, and assigns of the Employer.



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6. In testimony whereof, the Contractor has hereunto set his hand and affixed his seal, and the Surety has caused these presents to be sealed with his corporate seal duly attested by the signature of his legal representative, this day _____ of _____ 20_____.

SIGNED ON _____ on behalf of _____

By _____ in the capacity of _____

In the presence of _____

SIGNED ON _____ on behalf of _____

By _____ in the capacity of _____

In the presence of _____



FORM NO. 7 - ADVANCE PAYMENT SECURITY [Demand Bank Guarantee] Not applicable

[Guarantor letterhead]

Beneficiary: _____ [Insert name and Address of Employer]

Date: _____ [Insert date of issue]

ADVANCE PAYMENT GUARANTEE No.: _____ [Insert guarantee reference number]

Guarantor: [Insert name and address of place of issue, unless indicated in the letterhead]

1. We have been informed that _____ (hereinafter called "the Contractor") has entered into Contract No. _____ dated _____ with the Beneficiary, for the execution of _____ (hereinafter called "the Contract").

2. Furthermore, we understand that, according to the conditions of the Contract, an advance payment in the sum (in words _____) is to be made against an advance payment guarantee.

3. At the request of the Contractor, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of _____ (in words _____)¹ upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating either that the Applicant:

- (a) has used the advance payment for purposes other than the costs of mobilization in respect of the goods; or
- (b) has failed to repay the advance payment in accordance with the Contract conditions, specifying the amount which the Applicant has failed to repay.

4. A demand under this guarantee may be presented as from the presentation to the Guarantor of a certificate from the Beneficiary's bank stating that the advance payment referred to above has been credited to the Contractor on its account number _____ at-----.

5. The maximum amount of this guarantee shall be progressively reduced by the amount of the advance payment repaid by the Contractor as specified in copies of interim statements or payment certificates which shall be presented to us. This guarantee shall expire, at the latest, upon our receipt of a copy of the interim payment certificate indicating that ninety (90) percent of the Accepted Contract Amount, less provisional sums, has been certified for payment, or on the ___ day of _____, 2², whichever is earlier. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

6. The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months] [one year], in response to the Beneficiary's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee.

[Name of Authorized Official, signature(s) and seals/stamps]

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.

¹The Guarantor shall insert an amount representing the amount of the advance payment and denominated either in the currency of the advance payment as specified in the Contract.

² Insert the expected expiration date of the Time for Completion. The Employer should note that in the event of an extension of the time for completion of the Contract, the Employer would need to request an extension of this guarantee from the Guarantor. Such



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request must be in writing and must be made prior to the expiration date established in the guarantee.



FORM NO. 8 BENEFICIAL OWNERSHIP DISCLOSURE FORM

INSTRUCTIONS TO TENDERERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE FORM

This Beneficial Ownership Disclosure Form ("Form") is to be completed by the successful tenderer. In case of joint venture, the tenderer must submit a separate Form for each member. The beneficial ownership information to be submitted in this Form shall be current as of the date of its submission.

For the purposes of this Form, a Beneficial Owner of a Tenderer is any natural person who ultimately owns or controls the Tenderer by meeting one or more of the following conditions:

- Directly or indirectly holding 25% or more of the shares.*
- Directly or in directly holding 25% or more of the voting rights.*
- Directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Tenderer.*

Tender Reference No.: _____ [insert identification no]
 Name of the Assignment: _____ [insert name of the assignment]
 to: _____ [insert complete name of Procuring Entity]

In response to your notification of award dated _____ [insert date of notification of award] to furnish additional information on beneficial ownership: _____ [select one option as applicable and delete the options that are not applicable]

I) We here by provide the following beneficial ownership information.

Details of beneficial ownership

Identity of Beneficial Owner	Directly or indirectly holding 25% or more of the shares (Yes / No)	Directly or indirectly holding 25 % or more of the Voting Rights (Yes / No)	Directly or indirectly having the right to appoint a majority of the board of the directors or an equivalent governing body of the Tenderer (Yes / No)
<i>[include full name (last, middle, first), nationality, country of residence]</i>			

OR

ii) We declare that there is no Beneficial Owner meeting one or more of the following conditions: directly or indirectly holding 25% or more of the shares. Directly or indirectly holding 25% or more of the voting rights. Directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Tenderer.

OR

We declare that we are unable to identify any Beneficial Owner meeting one or more of the following conditions. [If this option is selected, the Tenderer shall provide explanation on why it is unable to identify any Beneficial Owner]

Directly or indirectly holding 25% or more of the shares. Directly or indirectly holding 25% or more of the



voting rights.

Directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Tenderer]”

*Name of the Tenderer *[insert complete name of the Tenderer] _____*

*Name of the person duly authorized to sign the Tender on behalf of the Tenderer: ** [insert complete name of person duly authorized to sign the Tender]*

Title of the person signing the Tender:..... [insert complete title of the person signing the Tender]

Signature of the person named above..... [insert signature of person whose name and capacity are shown above]

Date signed [insert date of signing] day of..... [Insert month], [insert year]