



KENYA PLANT HEALTH INSPECTORATE SERVICE HEADQUARTERS (KEPHIS) - Oloolua Ridge, Karen
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TENDER DOCUMENT

**SUPPLY AND DELIVERY OF LABORATORY ANALYTICAL AND MOLECULAR
CHEMICALS , REAGENTS AND CONSUMABLES AT KEPHIS HEADQUARTERS , PBQS,
NAKURU AND KITALE UNDER FRAMEWORK AGREEMENT FOR A PERIOD OF ONE
YEAR
(OPEN NATIONAL TENDER)**

TENDER NO. KEPHIS/T/17/2024-2025.

CLOSING/OPENING DATE – WEDNESDAY 25TH JUNE, 2025 AT 10.30AM

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INVITATION TO TENDER

SUPPLY AND DELIVERY OF LABORATORY ANALYTICAL AND MOLECULAR CHEMICALS , REAGENTS AND CONSUMABLES AT KEPHIS HEADQUARTERS , PBQS, NAKURU AND KITALE UNDER FRAMEWORK AGREEMENT FOR A PERIOD OF ONE YEAR.

TENDER NO. KEPHIS/T/17/2024-2025.

DATE:17th June, 2025

1. Kenya Plant Health Inspectorate Service (KEPHIS) invites sealed tenders for the supply of laboratory reagents, chemicals and consumables at KEPHIS headquarters under framework contract for a period of one year.
2. Tendering will be conducted under open competitive method National using a standardized tender document. .Tender will be open for all eligible tenderers. Tenders will be awarded on basis of Framework contract.
3. Qualified and interested tenderers may obtain further information and inspect the Tender Documents during office hours 08:00hrs to 15:00hrs at the address given below.
4. A complete set of Tender documents shall be obtained from the KEPHIS website, www.kephis.org or A complete set of tender documents may be obtained electronically from the Website www.kephis.org or www.tenders.go.ke. Tender documents obtained electronically will be free of charge.
5. Tender documents may be viewed and downloaded for free from the website www.kephis.org or www.tenders.go.ke. Tenderers who download the tender document must forward their particulars immediately to supplies@kephis.org to facilitate any further clarification or addendum.
6. All Tenders must be accompanied by a duly executed **FORM OF TENDER- SECURING DECLARATION** in the format provided
7. The Tenderer shall chronologically serialize all pages of the tender documents submitted including all the attachments. The Serialization/pagination of the document shall be done using a numbering machine or Computer serialization. (Hand written Numbering/Serialization will be deemed non- responsive).
8. Completed tenders must be delivered to the address below on or **before Wednesday25th June, 2025 at 10:30 A.M. (EAT)**. Electronic Tenders will not be permitted.
9. Tenders will be opened immediately after the deadline date and time specified above or any dead line 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.
10. **A levy (Public Procurement Capacity Building Levy) at the rate of 0.03% shall be paid from the value of the signed contract, exclusive of applicable taxes.**
11. Late tenders will be rejected.
The addresses referred to above are:
Address for obtaining further information
THE MANAGING DIRECTOR
KENYA PLANT HEALTH INSPECTORATE SERVICE, Oloolua Ridge Karen Nairobi Supply Chain Office
P.O. Box 49592-00100
NAIROBI
Email: supplies@kephis.org

Address for Submission of Tenders.

THE MANAGING DIRECTOR

KENYA PLANT HEALTH INSPECTORATE SERVICE, Oloolua Ridge Karen Nairobi

P.O. Box 49592-00100

NAIROBI

Tenders to be inserted in the Tender Box situated at reception area. Bulky tenders to be delivered and must be registered with the supply chain management office

Address for Opening of Tenders.

KENYA PLANT HEALTH INSPECTORATE SERVICE, KEPHIS HEADQUARTERS OLOOLUA

RIDGE KAREN Nairobi Oloolua Ridge Karen

Conference Hall

P.O. Box 49592-00100

NAIROBI

THE MANAGING DIRECTOR

KENYA PLANT HEALTH INSPECTORATE SERVICE

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 ITT3.7, 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**.

- 32 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](http://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.

PART 1: Tendering Procedures

- 4 Section I - Instructions to Tenderers (ITT)
- 5 Section II - Tendering Data Sheet (TDS)
- 6 Section III - Evaluation and Qualification Criteria
- 7 Section IV - Tendering Forms
- 8 **Eligible Goods and Related Services**
- 8.1 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.
- 8.2 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.
- 8.3 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.
- 8.4 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.

85 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.

9. Sections of Tendering Document

91 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 2: Supply Requirements

- i) Section V - Schedule of Requirements

PART 3 Contract

- ii) Section VI - General Conditions of Contract (GCC)
- iii) Section VII - Special Conditions of Contract (SCC)
- iv) Section VIII- Contract Forms

92 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.

93 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.

94 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.

10. Clarification of Tendering Document

10.1 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.

10.2 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.

10.3 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.

104 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.

105 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.

11. Amendment of Tendering Document

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

11.2 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.

11.3 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

12. Cost of Tendering

12.1 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.

13. Language of Tender

13.1 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.

14. Documents Comprising the Tender

14.1 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.

142 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.

143 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.

15. Form of Tender and Price Schedules

15.1 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 serialize pages of all tender documents submitted.

16. Alternative Tenders

16.1 Unless otherwise specified **in the TDS**, alternative Tenders shall not be considered.

17. Tender Prices and discounts

17.1 The prices quoted by the Tenderer in the Form of Tender and in the Price, Schedules shall conform to the requirements specified below.

17.2 All lots (contracts) and items must be listed and priced separately in the Price Schedules.

17.3 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.

17.4 The Tenderer shall quote any discounts and indicate the methodology for their application in the form of tender. Conditional discounts will be rejected.

17.5 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.

17.6 If specified in ITT 1.1, Tenders are being 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.

- 177 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.
- 178 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).

18. Currencies of Tender and Payment

- 18.1 The currency (ies) of the Tender, the currency (ies) of award and the currency (ies) of contract payments shall be the same.
- 18.2 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.
- 18.3 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.

19. Documents Establishing the Eligibility and Conformity of the Goods and Related Services

19.1 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.

19.2 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.

19.3 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.

19.4 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.

19.5 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.

20. Documents Establishing the Eligibility and Qualifications of the Tenderer

20.1 To establish Tenderer eligibility in accordance with ITT 4, Tenderers shall complete the Form of Tender, included in Section IV, Tendering Forms.

20.2 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.

21. Period of Validity of Tenders

21.1 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.

21.2 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.

- 21.3 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.

22 Tender Security

- 22.1 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**.
- 22.2 A Tender Securing Declaration shall use the form included in Section IV, Tendering Forms.
- 22.3 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.
- 22.4 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.
- 22.5 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.
- 22.6 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.
- 22.7 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.
- 22.8 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.

229 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.

2210 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.

2211 A tenderer shall not issue a tender security to guarantee itself.

23. Format and Signing of Tender

231 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.

232 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.

233 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

234 signing the Tender.

235 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.

236 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

201 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.
- 24.4 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.
- 24.5 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.
- 24.6 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.
- 24.7** 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**.
- 24.8 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).
- 24.9 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.
- 24.10 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.

- 25.2 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.
- 25.3 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 ITT28.2.

28 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.
- 30.2 Tenderers shall be notified of any error detected in their bid during the notification of a ward.

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

- 33.1 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.
- 33.2 Price evaluation will be done for Items (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 nonmaterial non-conformities in accordance with ITT 29.3; and
 - d) any additional evaluation factors specified **in the TDS** and Section
 - e) III, Evaluation and Qualification Criteria.
- 33.3 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.
- 33.4 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 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 will be required to prepare the Eligibility and Qualification Criteria Form for each Lot.
- 33.5 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

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. 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;

42. Standstill Period

- 421 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.
- 422 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.

43. Debriefing by the Procuring Entity

- 431 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.
- 432 Debriefings of unsuccessful Tenderers may be done in writing or verbally. The Tenderer shall bear its own costs of attending such a debriefing meeting.

44. 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.

45. Signing of Contract

- 45.1 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.
- 45.2 Within fourteen (14) days of receipt of the Contract Agreement, the successful Tenderer shall sign, date, and return it to the Procuring Entity.
- 45.3 The written contract shall be entered into within the period specified in the notification of award and before expiry of the tender validity period.

46. Performance Security

- 46.1 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.
- 46.2 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.

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

47. Publication of Procurement Contract

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;

48. Procurement Related Complaint

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

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: KEPHIS/T/17/2024-2025 The Procuring Entity is: KENYA PLANT HEALTH INSPECTORATE SERVICE The name of the Contract is: SUPPLY AND DELIVERY OF ANALYTICAL AND MOLECULAR LABORATORY REAGENTS, CHEMICALS AND CONSUMABLES AT KEPHIS HEADQUARTERS, PBQS, NAKURU AND KITALE UNDER FRAMEWORK AGREEMENT.
B. Contents of Tendering Document	
ITT 6.1	(a) Address where to send enquiries is P.O BOX 49592 – 00100 GPO Nairobi or supplies@kephis.org to reach the Procuring Entity not later than 3 days to the date of submission of the tenders. (b) The Procuring Entity shall publish its response at the website www.kephis.org
C. Preparation of Tenders	
ITT 12.1	Alternative Tenders shall not be considered.
ITT 13.5	The prices quoted by the Tenderers shall not be subject to adjustment during the Performance of the Contract
ITT 13.8 (a) (i) and (iii)	Place of final destination: The Managing Director, Kenya Plant Health Inspectorate Service, P.O. Box 49592 -00100 GPO, Nairobi.
ITT 14.2	Foreign currency requirements: Not Allowed
ITT 16.2 (a)	Manufacturer's authorization Allowed
ITT 16.2 (b)	After sales service: Not Required
ITT 17.1	The Tender validity period shall be 120 days .
ITT 18.1	A Tender security shall not be required. A Tender-Securing Declaration shall not be required. The Tender Security required shall be Kenya Shillings N/A
ITT 19.1	Submit the original and a copy of the Tender document N/A
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: Registered at the Supply Chain Management Office and forwarded to the tender opening committee after the deadline for submission of tenders.
ITT 21.1	For Tender submission purposes only, the Procuring Entity's address is: The Managing Director, Kenya Plant Health Inspectorate Service, P.O. Box 49592 -00100 GPO, Nairobi. Located in Karen, Ololua Ridge, Off Ngong Road
ITT Reference	Particulars Of Appendix To Instructions To Tenders

	The Intended Completion Date is <i>(as per the call-off service orders issued as and when required)</i>
	The deadline for Tender submission is: Date: Wednesday 25th June .2025 Time: 10:30am
ITT 24.1	The Tender opening shall take place at: Conference room, Kenya Plant Health Inspectorate service Postal Address: 49592 - 00100 Physical Address: Kenya Plant Health Inspectorate Service, Nairobi, Kenya – Oloolua Ridge, Off Ngong Road, Karen
ITT 29.3	The manner of rectify quantifiable nonmaterial nonconformities described below: _____ N/A _____
ITT 31.1	The currency that shall be used for Tender evaluation and comparison purposes to convert at the selling exchange rate all Tender prices expressed in various currencies into a single currency is: Kenya Shillings The source of exchange rate shall be: Central Bank in Kenya The date for the exchange rate shall not be later than the original date for the expiry of Tender validity period.
ITT 33.2	Price evaluation will be done for SUPPLY AND DELIVERY OF LABORATORY ANALYTICAL AND MOLECULAR REAGENTS, CHEMICALS AND CONSUMABLES AT KENYA PLANT HEALTH INSPECTORATE.HEADQUARTERS.
	F. Award of Contract
ITT 41.1	The maximum percentage by which quantities may be increased is: N/A
ITT 41.1	The Procuring Entity shall increase or decrease the quantity of Goods and Related Services by an amount not exceeding N/A and without any change in the unit prices or other terms and conditions of the Tender and the tendering document.
ITT 47.3	Performance security shall not be required
ITT 49.1	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 . 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: supplies@kephis.org
ITT Reference	Particulars Of Appendix To Instructions To Tenders

For the attention: Managing Director
 Title/position: Accounting Officer ; Procuring Entity: Kenya
 Plant Health Inspectorate Service
 Email address: supplies@kephis.org
 In summary, a Procurement-related Complaint may challenge any of the following:

1. the terms of the Tendering Documents; and
2. the Procuring Entity’s decision to award the contract.

SECTION III – EVALUATION AND QUALIFICATION CRITERIA

PRELIMINARY EXAMINATION FOR DETERMINATION OF RESPONSIVENESS

The tenderer MUST meet all the preliminary requirements to proceed to the next level.

No.	Mandatory Eligibility Criteria	Tenderer’s response Responsive /Non -Responsive)
1.	Must submit a valid Certificate of Registration/Incorporation	
2.	Must submit a Valid Tax Compliance Certificate	
3.	Must submit a valid business permit	
4.	Bid document should be sequentially filled serialized.	
5.	Fill and submit the Form of Tender in the format provided	
6.	Fill and submit the Certificate of independent tender determination in the format provided.	
7.	Fill and submit the Self-declaration form that the person/tenderer is not debarred in the matter of the Public Procurement and Asset Disposal Act 2015	
8.	Must fill and submit the Self-declaration form that the person/tenderer will not engage in any corrupt or fraudulent practice in the format provided .	
9.	Must fill and submit the declaration and commitment to the code of ethics in the format provided	
10	Must fill and submit Tenderer Information Form in the format provided.	
12.	Must fill and submit a duly filled up Confidential Business Questionnaire in format provided	
13.	Letter of commitment dully signed and stamped confirming that the tenderer shall deliver goods when and as required	

At this stage, the tenderer’s submission will either be responsive or non- responsive. The nonresponsive submissions will be eliminated from the entire evaluation process and will not be considered further.

B. TECHNICAL CRITERIA

2.2.1 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.

Tender must meet the technical requirements.

No	Technical Requirement	Conformity to technical requirement (YES/NO)
1.	Past experience for the last three years,	Attach evidence, names and addresses of clients who may be contacted for further information
2.	Proof of supplies	Provide copies of Notification of award, Letter of Acceptance, Contracts, or delivery notes and Local purchase order of similar supplies
3	Conformity to technical specifications.	If yes attach brochures, indicate country of origin and where applicable manufacturers authorization
REMARKS		

Conformity to technical specifications Yes or No

LOT 1: SUPPLY AND DELIVERY OF ANALYTICAL LABORATORY CHEMICALS

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	CONFORMITY TO TECHNICAL SPECIFICATIONS YES/NO (IF YES ATTACH BROCHURES
1.	Formic acid	HPLC grade with certificate of analysis, (In amber bottles)	2.5L	
2.	Methanol	HPLC grade, with COA (In amber bottles)	2.5L	
3.	Acetonitrile HPLC grade 2.5 liters with certificate of analysis	HPLC grade, with COA (In amber bottles)	2.5L	
4.	Magnesium Sulphate anhydrous,	99% AR with COA	1kg	
5.	Acetone AR	GPR,	2.5.L	
6.	Acetone AR	HPLC grade with COA	2.5L	

7.	Isopropanol	HPLC grade with COA	2.5L	
8.	Iso octane HPLC grade with COA	HPLC grade with COA	2.5L	
9.	PSA Bonded silica	99% AR with COA	100g	
10.	Tri-sodium citrate	99% AR with COA	500g	
11.	Sodium Hydrogen Citrate Sesquihydrate	99% AR with COA	500g	
12.	Sodium chloride	99% AR with COA	500g	
13.	Dichloromethane	HPLC grade, with COA (In amber bottles)	500g	
14.	Sodium sulphate anhydrous	99% AR with COA	500g	
15.	Potassium dichromate	AR with certificate of analysis	500g	
16.	Potassium chromate	AR with certificate of analysis	500g	
17.	Devardas alloy	AR Grade with certificate of analysis, 100g	100g	
18.	Barium Chloride	99% AR with certificate of analysis	500g	
19.	Sodium chloride	99% AR with certificate of analysis	500g	
20.	Sodium hydroxide pellets	99% AR with certificate of analysis	500g	
21.	Magnesium oxide heavy,	>98% AR, with certificate of analysis	500g	
22.	Ammonium hydroxide AR	AR, with certificate of analysis	500g	
23.	Ammonium Chloride AR	AR, with certificate of analysis	500g	
24.	Sulphuric acid AR	AR, with certificate of analysis	2.5L	
25.	Magnesium sulphate (MgSO4.4H2O)AR	AR, with certificate of analysis	1Kg	
26.	Magnesium sulphate (MgSO4.7H2O)AR	AR, with certificate of analysis	1Kg	
27.	Ethylene di amine tetra acetic acid (EDTA) tetra sodium.	AR, with certificate of analysis	500g	
28.	Dimethylamine AR	AR, with certificate of analysis	500g	
29.	Ammonium citrate tribasic AR	AR, with certificate of analysis	500g	
30.	Citric acid monohydrate AR	AR, with certificate of analysis	500g	
31.	Di sodium tetraborate decahydrate, AR	AR, with certificate of analysis	500g	
32.	Ammonium formate AR	AR, with certificate of analysis	500g	
33.	Nitric acid ,	69% AR with certificate of analysis	2.5L	
34.	Perchloric acid	AR with certificate of analysis,	2.5L	

35.	Sucrose	99% AR with certificate of analysis traceable to SI units	500g	
36.	Activated charcoal	AR, with certificate of analysis	500g	
37.	Ortho-phosphoric acid AR	AR, with certificate of analysis	500g	
38.	Potassium periodate AR	AR, with certificate of analysis	500g	
39.	Ammonium vanadate AR	AR, with certificate of analysis	500g	
40.	Ammonium molybdate AR	AR, with certificate of analysis	500g	
41.	Copper sulphate tablets AR	AR, with certificate of analysis	500g	
42.	Boric acid AR, 500g	AR, with certificate of analysis	500g	
43.	Antibumping granules AR	AR, with certificate of analysis	500g	
44.	Potassium dihydrogen orthophosphate AR	AR, with certificate of analysis	500g	
45.	Hydrochloric acid	AR, with certificate of analysis	2.5L	
46.	Hydrogen peroxide AR	AR, with certificate of analysis	2.5L	
47.	Gum acacia AR	AR, with certificate of analysis	500g	
48.	Silver Nitrate AR	AR, with certificate of analysis	100g	
49.	Phenolphthalein	AR, with certificate of analysis	100g	
50.	Methyl orange	AR, with certificate of analysis	100g	
51.	Titan Yellow	AR, with certificate of analysis	100g	
52.	Bromocresol green	AR, with certificate of analysis	100g	
53.	Methyl red	AR, with certificate of analysis	100g	
54.	Hydroxylamine hydrochloride	AR, with certificate of analysis	500g	
55.	Sodium acetate	AR, with certificate of analysis	500g	
56.	Triethanolamine N	AR, with certificate of analysis	500g	
57.	Sulphuric acid ampules e.g., 1N	AR, with certificate of analysis	500MI	
58.	Hydrochloric acid ampules e.g., 1N	AR, with certificate of analysis	500MI	
59.	95% Ethanol	AR, with certificate of analysis	2.5L	

60.	Potassium chloride	AR, with certificate of analysis	500g	
61.	Magnesium oxide (heavy)	AR, with certificate of analysis	500g	
62.	Copper sulphate tablets	AR, with certificate of analysis	500g	
63.	Conc sulphuric acid	AR, with certificate of analysis	2.5L	
64.	Conc perchloric acid	AR, with certificate of analysis	2.5L	
65.	Absolute ethanol	AR, with certificate of analysis	2.5L	
66.	Peptone water , 500gm	AR, with certificate of analysis	500g	
67.	Xylose Lysine	AR, with	500g	
68.	Deoxycholate ,500gm	certificate of analysis		
69.	MacConkey broth , 500gm	CM0505 (Purple)	500g	
70.	TBX medium agar 500g	CM0945	500g	
71.	Plate count agar	AR	500g	
72.	Sodium Hypochlorite	12%	5L	

LOT 2: SUPPLY AND DELIVERY OF ANALYTICAL LABORATORY REAGENT KITS

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	CONFORMITY TO TECHNICAL SPECIFICATIONS YES/NO (IF YES ATTACH BROCHURES
1.	REAGENT HARDNESS MG 0.00-2.00 100T (HI93719-01) RANGE 0 TO 2.0 mg/l	with certificate of analysis	Kit	
2.	REAGENT HARDNESS TOTAL LR COLORIMETRIC 100T (HI93735-00)	with certificate of analysis	Kit	
3.	REAGENT PHOSPHATE HR (93717-01) 100T RANGE 0 TO 30.0 mg/l	with certificate of analysis	Kit	
4.	REAGENT NITRITE HR 0-150mg/l 100T (HI93708-01)	with certificate of analysis	Kit	
5.	REAGENT NITRITE LR 0-0.35 100T (HI93707-01)	with certificate of analysis	Kit	
6.	REAGENT CHLORINE (FREE) (HI93701-01) 100 T RANGE 0 TO 2.5mg/l	with certificate of analysis	Kit	
7.	REAGENT CALCIUM 0-2.10 100T (HI93720-01) RANGE 0 TO 2.70mg/l	with certificate of analysis	Kit	
8.	REAGENT CHLORINE FREE & TOTAL (HI93734-01) 100T RANGE 0 TO 10 mg/l	with certificate of analysis	Kit	

9.	REAGENT FLUORIDE LR (HI93729-01) RANGE 0 TO 2.0 mg/l; 100T	with certificate of analysis	Kit	
10.	REAGENT AMMONIA HR (HI93733-01) 100T RANGE 0 TO 100mg/l.	with certificate of analysis	Kit	
11.	REAGENT AMMONIA MR 0.00-9099 (93715-01) 100 T RANGE 0 TO 9.99mg/l	with certificate of analysis	Kit	
12.	REAGENT NITRATE 0-30 100T (HI93728-01) RANGE 0 TO 30 .0 mg/l	with certificate of analysis	Kit	
13.	REAGENT SILICA LR 0-2.00 mg/l 100T (HI93705-01)	with certificate of analysis	Kit	
14.	REAGENT COD HR 0-15000mg/l 25T(HI93754C-25)	with certificate of analysis	Kit	
15.	REAGENT COD MR 0-1500mg/l 25	with certificate of analysis	Kit	

LOT 3: SUPPLY AND DELIVERY OF ANALYTICAL LABORATORY CONSUMABLES

No	Item	Description	Unit of measure	CONFORMITY TO TECHNICAL SPECIFICATIONS YES/NO (IF YES ATTACH BROCHURES
1.	Eppendorf Pipette tips	1ml blue - 1000/pkt	packet	
2.	Eppendorf Pipette tips	200µl yellow - 1000/pkt	Packet	
3.	Clear vials	with PTFE /silicone septa screw caps, 2ml graduated, with write on spot. 100/pkt	pkts	
4.	Amber vials with PTFE /silicone septa screw caps, 2ml graduated, with write on spot, 100/pkt.	with PTFE /silicone septa screw caps, 2ml graduated, with write on spot. 100/pkt	Pkts	
5.	Filter papers,	No.1, 125mm diameter Whatman	pkts	
6.	Paper towels	Large (kitchen towel white)	pair	
7.	Disposable Inoculating loops ,	1 µL, @ 1 piece	pkts	
8.	Gloves,	powder free		
9.	Sample containers	As per sample	pcs	
10.	Aluminum foil	Large size	pcs	
11.	Plastic Petry dishes	plastic	pcs	
12.	Cuvettes Without Cap	HI937XX & 832XX (HI731321) (GLASS) HANNA	pcs	
13.	Cuvette Caps	.HI937XX (HI731325) OR 832XX (731325N)	pcs	

LOT 4: SUPPLY AND DELIVERY OF ANALYTICAL LABORATORY STANDARDS

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	CONFORMITY TO TECHNICAL SPECIFICATIONS YES/NO (IF YES ATTACH BROCHURES)
	Soil/Water Standards			
1.	1000mg/l Na,	with certificate of analysis traceable to SI units	500ML solution	
2.	1000 mg/l K,	with certificate of analysis traceable to SI units	500ML solution	
3.	1000 mg/l Ca.	with certificate of analysis traceable to SI units	500ML solution	
4.	1000 mg/l Cu.	with certificate of analysis traceable to SI units	500ML solution	
5.	1000 mg/l Fe	with certificate of analysis traceable to SI units	500ML solution	
6.	1000 mg/l Zn.	with certificate of analysis traceable to SI units	500ML solution	
7.	1000 mg/l K,	with certificate of analysis traceable to SI units	500ML solution	
8.	1000 mg/l Ca.	with certificate of analysis traceable to SI units	500ML solution	
9.	1000 mg/l Cu.	with certificate of analysis traceable to SI units	500ML solution	
10.	1000 mg/l Zn.	with certificate of analysis traceable to SI units	500ML solution	
11.	1000mg/l Na,	with certificate of analysis traceable to SI units	500ML solution	
12.	1000 mg/l Co	with certificate of analysis traceable to SI units	500ML solution	
13.	1000 mg/l B	with certificate of analysis traceable to SI units	500ML solution	
14.	1000 mg/l Pb	with certificate of analysis traceable to SI units	500ML solution	
	Heavy Metal Standards			
15.	1000 mg/l Se	with certificate of analysis traceable to SI units	500ML solution	

16.	1000 mg/l Mg	with certificate of analysis traceable to SI units	500ML solution	
17.	1000 mg/l Cr	with certificate of analysis traceable to SI units	500ML solution	
18.	1000 mg/l Hg	with certificate of analysis traceable to SI units	500ML solution	
19.	1000 mg/l Cd	with certificate of analysis traceable to SI units	500ML solution	
20.	1000 mg/l As	with certificate of analysis traceable to SI units	500ML solution	
21.	1000 mg/l Al	with certificate of analysis traceable to SI units	500ML solution	
22.	1000 mg/l Mo	with certificate of analysis traceable to SI units	500ML solution	
23.	1000 mg/l Ag	with certificate of analysis traceable to SI units	500ML solution	
24.	1000 mg/l Fe	with certificate of analysis traceable to SI units	500ML solution	
25.	1000 mg/l Sn	with certificate of analysis traceable to SI units	500ML solution	
26.	1000 mg/l Y	with certificate of analysis traceable to SI units	500ML solution	
27.	1000 mg/l Mn	with certificate of analysis traceable to SI units	500ML solution	
	Buffer solutions with certificate of analysis traceable to SI units	with certificate of analysis traceable to SI units	500ML solution	
28.	PH 7.01 AT 25XC (HI7007L)	with certificate of analysis traceable to SI units	500ML solution	
29.	PH4.01 AT 25XC HI7004L)	with certificate of analysis traceable to SI units	500ML solution	
30.	PH 10.01 HI7010L	with certificate of analysis traceable to SI units	500ML solution	
	EC Calibration Standards	with certificate of analysis traceable to SI units	500ML solution	
31.	CONDUCTIVITY CALIBRATION 84uS/CM(HI7033L)	with certificate of analysis traceable to SI units	500ML solution	
32.	CONDUCTIVITY CALIBRATION 1413uS/CM (HI7031L)	with certificate of analysis traceable to SI units	500ML solution	
33.	CONDUCTIVITY CALIBRATION 12880uS/CM(HI7030L)	with certificate of analysis traceable to SI units	500ML solution	

34.	CLEANING GENERAL PURPOSE (HI7061L)	with certificate of analysis traceable to SI units	500ML solution	
35.	STORAGE PH/ORP ELECTRODE(HI70300L)	with certificate of analysis traceable to SI units	500ML solution	
	Mycotoxin standards	with certificate of analysis traceable to SI units		
36.	Aflatoxin B1	25 ppm	4 ml	
37.	Aflatoxin B2	25 ppm	4 ml	
38.	Aflatoxin G1	25 ppm	4 ml	
39.	Aflatoxin G2	25 ppm	4 ml	
40.	Ochratoxin A	50 ppm	2 ml	
41.	Fumonisin B1	200 ppm	1 ml	
42.	Fumonisin B2	200 ppm	1 ml	
	Microbiological organism with certificate of analysis traceable to SI units	REFERENCE CULTURE		
43.	E. coli	ATCC 25922	grams	
44.	Staphylococcus aureus	ATCC 6538	grams	
45.	Listeria monocytogenes	ATCC 19115	grams	
46.	Salmonella enterica	ATCC 14028	grams	
47.	Aspergillus brasiliensis	ATCC 16404	grams	
48.	Rhizopus	ATCC 20577	grams	
	PESTICIDES RESIDUES			
49.	1,3 Dichloropropane	with certificate of analysis traceable to SI units	0.1g	
50.	1H-1,2,4-Triazole	with certificate of analysis traceable to SI units	0.1g	
51.	2, phenyl Phenol	with certificate of analysis traceable to SI units	0.1g	
52.	2,2-Dichloropropane	with certificate of analysis traceable to SI units	0.1g	
53.	2,4 D	with certificate of analysis traceable to SI units	0.1g	
54.	2,4-DB dimethylamine salt	with certificate of analysis traceable to SI units	0.1g	
55.	2,4-DDD	with certificate of analysis traceable to SI units	0.1g	
56.	2,4-DDE	with certificate of analysis traceable to SI units	0.1g	
57.	2,4-D-dimethylamine salt	with certificate of analysis traceable to SI units	0.1g	
58.	2,4-DDT	with certificate of analysis traceable to SI units	0.1g	

59.	2,4-Dichlorophenoxy Acet Acid	with certificate of analysis traceable to SI units	0.1g	
60.	3,4'-Dichloroaniline	with certificate of analysis traceable to SI units	0.1g	
61.	3-OH carbofuran	with certificate of analysis traceable to SI units	0.1g	
62.	4 pheny phenol	with certificate of analysis traceable to SI units	0.1g	
63.	4,4 methoxychlor olefin	with certificate of analysis traceable to SI units	0.1g	
64.	4,4'-Dichlorobenzophenone	with certificate of analysis traceable to SI units	0.1g	
65.	4,4'-Methoxychlor olefin	with certificate of analysis traceable to SI units	0.1g	
66.	4,4-DDD	with certificate of analysis traceable to SI units	0.1g	
67.	4,4-DDE	with certificate of analysis traceable to SI units	0.1g	
68.	4,4-DDT	with certificate of analysis traceable to SI units	0.1g	
69.	4-n-Nonylphenol	with certificate of analysis traceable to SI units	0.1g	
70.	4-Nonylphenol-mono-ethoxylate	with certificate of analysis traceable to SI units	0.1g	
71.	4-Octylphenol-di-ethoxylate	with certificate of analysis traceable to SI units	0.1g	
72.	4-Octylphenol-ethoxylate(technical)(Penta)	with certificate of analysis traceable to SI units	0.1g	
73.	Abamectine	with certificate of analysis traceable to SI units	0.1g	
74.	Acephate	with certificate of analysis traceable to SI units	0.1g	
75.	Acephate D6	with certificate of analysis traceable to SI units	0.1g	
76.	Acequinocyl	with certificate of analysis traceable to SI units	0.1g	
77.	Acetamiprid	with certificate of analysis traceable to SI units	0.1g	
78.	Acetochlor	with certificate of analysis traceable to SI units	0.1g	

79.	Aclonifen	with certificate of analysis traceable to SI units	0.1g	
80.	Acrinathrin	with certificate of analysis traceable to SI units	0.1g	
81.	Alachlor	with certificate of analysis traceable to SI units	0.1g	
82.	Aldicarb	with certificate of analysis traceable to SI units	0.1g	
83.	Aldicarb – sulfon	with certificate of analysis traceable to SI units	0.1g	
84.	Aldicarb – sulfoxide	with certificate of analysis traceable to SI units	0.1g	
85.	Aldrin(HHDN)	with certificate of analysis traceable to SI units	0.1g	
86.	Alidochlor	with certificate of analysis traceable to SI units	0.1g	
87.	Alletherin	with certificate of analysis traceable to SI units	0.1g	
88.	Allethrin(Sigma)	with certificate of analysis traceable to SI units	0.1g	
89.	Alpha BHC	with certificate of analysis traceable to SI units	0.1g	
90.	Alpha Chlordane	with certificate of analysis traceable to SI units	0.1g	
91.	Alpha Chlordane	with certificate of analysis traceable to SI units	0.1g	
92.	Alpha-cypermethrin	with certificate of analysis traceable to SI units	0.1g	
93.	Alpha-Endosulfan	with certificate of analysis traceable to SI units	0.1g	
94.	Alpha-HCH	with certificate of analysis traceable to SI units	0.1g	
95.	Ametoctradin	with certificate of analysis traceable to SI units	0.1g	
96.	Ametryn	with certificate of analysis traceable to SI units	0.1g	
97.	Amitraz	with certificate of analysis traceable to SI units	0.1g	
98.	Aniline	with certificate of analysis traceable to SI units	0.1g	

99.	Anthraquinone	with certificate of analysis traceable to SI units	0.1g	
100.	Arclor1221	with certificate of analysis traceable to SI units	0.1g	
101.	Arochlor 1254	with certificate of analysis traceable to SI units	0.1g	
102.	Arochlor 1260	with certificate of analysis traceable to SI units	0.1g	
103.	Atrazine	with certificate of analysis traceable to SI units	0.1g	
104.	Azaconazole	with certificate of analysis traceable to SI units	0.1g	
105.	Azadirachtin B	with certificate of analysis traceable to SI units	0.1g	
106.	Azadirachtin A(P)	with certificate of analysis traceable to SI units	0.1g	
107.	Azinphos-methyl	with certificate of analysis traceable to SI units	0.1g	
108.	Azoxystrobin	with certificate of analysis traceable to SI units	0.1g	
109.	Benalaxyl-M	with certificate of analysis traceable to SI units	0.1g	
110.	Benfluralin	with certificate of analysis traceable to SI units	0.1g	
111.	Benfuracarb	with certificate of analysis traceable to SI units	0.1g	
112.	Benomyl	with certificate of analysis traceable to SI units	0.1g	
113.	Bentazone	with certificate of analysis traceable to SI units	0.1g	
114.	Bentazone	with certificate of analysis traceable to SI units	0.1g	
115.	Bentazone-8-hydrox	with certificate of analysis traceable to SI units	0.1g	
116.	beta BHC	with certificate of analysis traceable to SI units	0.1g	
117.	beta Cyfluthrin	with certificate of analysis traceable to SI units	0.1g	
118.	beta Endosulphan	with certificate of analysis traceable to SI units	0.1g	

119.	beta-BHC	with certificate of analysis traceable to SI units	0.1g	
120.	beta-Cypermethrin	with certificate of analysis traceable to SI units	0.1g	
121.	beta-Endosulfan	with certificate of analysis traceable to SI units	0.1g	
122.	beta-HCH	with certificate of analysis traceable to SI units	0.1g	
123.	Bifenazate	with certificate of analysis traceable to SI units	0.1g	
124.	Bifenthrin	with certificate of analysis traceable to SI units	0.1g	
125.	Bioallethrin	with certificate of analysis traceable to SI units	0.1g	
126.	Bioresmethrin	with certificate of analysis traceable to SI units	0.1g	
127.	Biphenyl	with certificate of analysis traceable to SI units	0.1g	
128.	Bistrifluron	with certificate of analysis traceable to SI units	0.1g	
129.	Biteratanol	with certificate of analysis traceable to SI units	0.1g	
130.	Biteratanol(Sigma)	with certificate of analysis traceable to SI units	0.1g	
131.	Boscalid	with certificate of analysis traceable to SI units	0.1g	
132.	Brodifacoum	with certificate of analysis traceable to SI units	0.1g	
133.	Bromacil	with certificate of analysis traceable to SI units	0.1g	
134.	Bromadiolone	with certificate of analysis traceable to SI units	0.1g	
135.	Bromofenvinphos-methyl	with certificate of analysis traceable to SI units	0.1g	
136.	Bromophos Methyl	with certificate of analysis traceable to SI units	0.1g	
137.	Bromophos-ethyl	with certificate of analysis traceable to SI units	0.1g	
138.	Bromoprophylate	with certificate of analysis traceable to SI units	0.1g	

139.	Bromoxynil	with certificate of analysis traceable to SI units	0.1g	
140.	Bromoxynil-Octanoate	with certificate of analysis traceable to SI units	0.1g	
141.	Bromuconazole (sum of diastereoisomers)	with certificate of analysis traceable to SI units	0.1g	
142.	Bupirimate	with certificate of analysis traceable to SI units	0.1g	
143.	Buprofezin	with certificate of analysis traceable to SI units	0.1g	
144.	BY108330 enol-glucoside	with certificate of analysis traceable to SI units	0.1g	
145.	BY108330- ketohydroxy	with certificate of analysis traceable to SI units	0.1g	
146.	BY108330-enol	with certificate of analysis traceable to SI units	0.1g	
147.	Captan	with certificate of analysis traceable to SI units	0.1g	
148.	Carbaryl	with certificate of analysis traceable to SI units	0.1g	
149.	Carbendazim	with certificate of analysis traceable to SI units	0.1g	
150.	Carbendazime D3	with certificate of analysis traceable to SI units	0.1g	
151.	Carbofuran	with certificate of analysis traceable to SI units	0.1g	
152.	Carbofuran-3-hydroxy	with certificate of analysis traceable to SI units	0.1g	
153.	Carbophenothrin	with certificate of analysis traceable to SI units	0.1g	
154.	Carbosulfan	with certificate of analysis traceable to SI units	0.1g	
155.	Carbosulphan(Sigma)	with certificate of analysis traceable to SI units	0.1g	

156.	Carboxin	with certificate of analysis traceable to SI units	0.1g	
157.	Carboxin(Sigma)	with certificate of analysis traceable to SI units	0.1g	
158.	Carfentrazone-ethyl	with certificate of analysis traceable to SI units	0.1g	
159.	Cartap Hydrochloride	with certificate of analysis traceable to SI units	0.1g	
160.	Chlomazone	with certificate of analysis traceable to SI units	0.1g	
161.	Chlorantraniliprole	with certificate of analysis traceable to SI units	0.1g	
162.	Chlorbenzide	with certificate of analysis traceable to SI units	0.1g	
163.	Chlordane (technical)	with certificate of analysis traceable to SI units	0.1g	
164.	Chlorfenapyr	with certificate of analysis traceable to SI units	0.1g	
165.	Chlorfenson	with certificate of analysis traceable to SI units	0.1g	
166.	Chlorfenvinphos	with certificate of analysis traceable to SI units	0.1g	
167.	Chlorobenzilate	with certificate of analysis traceable to SI units	0.1g	
168.	Chloroneb	with certificate of analysis traceable to SI units	0.1g	
169.	Chlorothalonil	with certificate of analysis traceable to SI units	0.1g	
170.	Chlorpropham	with certificate of analysis traceable to SI units	0.1g	

171.	Chlorpyrifos	with certificate of analysis traceable to SI units	0.1g	
172.	Chlorpyrifos methyl D6	with certificate of analysis traceable to SI units	0.1g	
173.	Chlorpyrifos-Methyl	with certificate of analysis traceable to SI units	0.1g	
174.	Chlorsulfuron	with certificate of analysis traceable to SI units	0.1g	
175.	Chlorthal Dimethyl	with certificate of analysis traceable to SI units	0.1g	
176.	Chlorthiophos	with certificate of analysis traceable to SI units	0.1g	
177.	Chlozolate	with certificate of analysis traceable to SI units	0.1g	
178.	Cis chordane	with certificate of analysis traceable to SI units	0.1g	
179.	cis nonachlor	with certificate of analysis traceable to SI units	0.1g	
180.	Cis-1,2,3,6-Tetrahydrophthalimide	with certificate of analysis traceable to SI units	0.1g	
181.	Clethodim	with certificate of analysis traceable to SI units	0.1g	
182.	Clofentezine	with certificate of analysis traceable to SI units	0.1g	
183.	Clopyralid	with certificate of analysis traceable to SI units	0.1g	
184.	Clothianidin	with certificate of analysis traceable to SI units	0.1g	
185.	Copper Oxychloride	with certificate of analysis traceable to SI units	0.1g	

186.	Coumaphos	with certificate of analysis traceable to SI units	0.1g	
187.	Coumatetralyl	with certificate of analysis traceable to SI units	0.1g	
188.	Cyanazine	with certificate of analysis traceable to SI units	0.1g	
189.	Cyanophos	with certificate of analysis traceable to SI units	0.1g	
190.	Cyantraniliprole	with certificate of analysis traceable to SI units	0.1g	
191.	Cycloate	with certificate of analysis traceable to SI units	0.1g	
192.	Cyflufenamid	with certificate of analysis traceable to SI units	0.1g	
193.	Cyflumetofen	with certificate of analysis traceable to SI units	0.1g	
194.	Cyflumetofen	with certificate of analysis traceable to SI units	0.1g	
195.	Cyfluthrin	with certificate of analysis traceable to SI units	0.1g	
196.	Cymoxanil	with certificate of analysis traceable to SI units	0.1g	
197.	Cypermethrin	with certificate of analysis traceable to SI units	0.1g	
198.	Cypermethrin (Technical)	with certificate of analysis traceable to SI units	0.1g	
199.	Cyphenothrin	with certificate of analysis traceable to SI units	0.1g	
200.	Cyproconazole	with certificate of analysis traceable to SI units	0.1g	

201.	Cyprodinil	with certificate of analysis traceable to SI units	0.1g	
202.	Cyromazine	with certificate of analysis traceable to SI units	0.1g	
203.	Dalapon	with certificate of analysis traceable to SI units	0.1g	
204.	D-Allethrin	with certificate of analysis traceable to SI units	0.1g	
205.	Daminozide	with certificate of analysis traceable to SI units	0.1g	
206.	Dazomet	with certificate of analysis traceable to SI units	0.1g	
207.	DDT (technical)	with certificate of analysis traceable to SI units	0.1g	
208.	Decafluorobenzophenone	with certificate of analysis traceable to SI units	0.1g	
209.	Delta-HCH	with certificate of analysis traceable to SI units	0.1g	
210.	Deltamethin (Cis Deltermethrin)	with certificate of analysis traceable to SI units	0.1g	
211.	Deltamethrin D6	with certificate of analysis traceable to SI units	0.1g	
212.	Demeton-S- methylsulfone	with certificate of analysis traceable to SI units	0.1g	
213.	Desmethyl pirimicarb	with certificate of analysis traceable to SI units	0.1g	
214.	Diafenthiuron	with certificate of analysis traceable to SI units	0.1g	
215.	Dialifos	with certificate of analysis traceable to SI units	0.1g	

216.	Diazinon	with certificate of analysis traceable to SI units	0.1g	
217.	Dichlobenil	with certificate of analysis traceable to SI units	0.1g	
218.	Dichlofenthion	with certificate of analysis traceable to SI units	0.1g	
219.	Dichlofluanid	with certificate of analysis traceable to SI units	0.1g	
220.	Dichloroaniline,3,4	with certificate of analysis traceable to SI units	0.1g	
221.	Dichlorobenzophenone 4,4	with certificate of analysis traceable to SI units	0.1g	
222.	Dichlorvos	with certificate of analysis traceable to SI units	0.1g	
223.	Dichlorvos D6	with certificate of analysis traceable to SI units	0.1g	
224.	Diclofop-Methyl	with certificate of analysis traceable to SI units	0.1g	
225.	Dicloran	with certificate of analysis traceable to SI units	0.1g	
226.	Dicofol	with certificate of analysis traceable to SI units	0.1g	
227.	Didecyl dimethylammonium chloride	with certificate of analysis traceable to SI units	0.1g	
228.	Dieldrin	with certificate of analysis traceable to SI units	0.1g	
229.	Dienochlor	with certificate of analysis traceable to SI units	0.1g	
230.	Diethofencarb	with certificate of analysis traceable to SI units	0.1g	

231.	Difenoconazole	with certificate of analysis traceable to SI units	0.1g	
232.	Difenoconazole D6	with certificate of analysis traceable to SI units	0.1g	
233.	Difethialone	with certificate of analysis traceable to SI units	0.1g	
234.	Diflubenzuron	with certificate of analysis traceable to SI units	0.1g	
235.	Dimefuron	with certificate of analysis traceable to SI units	0.1g	
236.	Dimethachlor	with certificate of analysis traceable to SI units	0.1g	
237.	Dimethenamid	with certificate of analysis traceable to SI units	0.1g	
238.	Dimethoate	with certificate of analysis traceable to SI units	0.1g	
239.	Dimethoate D6	with certificate of analysis traceable to SI units	0.1g	
240.	Dimethomorp	with certificate of analysis traceable to SI units	0.1g	
241.	Dimethylaminosulfotoluidide (DMST)	with certificate of analysis traceable to SI units	0.1g	
242.	Diniconazole	with certificate of analysis traceable to SI units	0.1g	
243.	Dinotefuran	with certificate of analysis traceable to SI units	0.1g	
244.	Diphenamide	with certificate of analysis traceable to SI units	0.1g	
245.	Diphenylamine	with certificate of analysis traceable to SI units	0.1g	

246.	Diquat dibromide monohydrate	with certificate of analysis traceable to SI units	0.1g	
247.	Disulfoton	with certificate of analysis traceable to SI units	0.1g	
248.	Disulfoton sulfoxide	with certificate of analysis traceable to SI units	0.1g	
249.	Dithianon	with certificate of analysis traceable to SI units	0.1g	
250.	Diuron	with certificate of analysis traceable to SI units	0.1g	
251.	Dodemorph	with certificate of analysis traceable to SI units	0.1g	
252.	D-trans-Phenothrin	with certificate of analysis traceable to SI units	0.1g	
253.	Edifenphos	with certificate of analysis traceable to SI units	0.1g	
254.	Emamectin benzoate	with certificate of analysis traceable to SI units	0.1g	
255.	Endosulfan	with certificate of analysis traceable to SI units	0.1g	
256.	Endosulfan alpha	with certificate of analysis traceable to SI units	0.1g	
257.	Endosulfan beta	with certificate of analysis traceable to SI units	0.1g	
258.	Endosulphan sulphate	with certificate of analysis traceable to SI units	0.1g	
259.	Endrin	with certificate of analysis traceable to SI units	0.1g	
260.	Endrin aldehyde	with certificate of analysis traceable to SI units	0.1g	

261.	Endrin ketone	with certificate of analysis traceable to SI units	0.1g	
262.	EPN	with certificate of analysis traceable to SI units	0.1g	
263.	Epoxiconazole	with certificate of analysis traceable to SI units	0.1g	
264.	Esbiothrin	with certificate of analysis traceable to SI units	0.1g	
265.	Esfenvalerate	with certificate of analysis traceable to SI units	0.1g	
266.	Ethaboxam	with certificate of analysis traceable to SI units	0.1g	
267.	Ethalfurazin	with certificate of analysis traceable to SI units	0.1g	
268.	Ethephon	with certificate of analysis traceable to SI units	0.1g	
269.	Ethion	with certificate of analysis traceable to SI units	0.1g	
270.	Ethirimol	with certificate of analysis traceable to SI units	0.1g	
271.	Ethoprophos	with certificate of analysis traceable to SI units	0.1g	
272.	Ethylan(perthane)	with certificate of analysis traceable to SI units	0.1g	
273.	Etofenprox	with certificate of analysis traceable to SI units	0.1g	
274.	Etoxazole	with certificate of analysis traceable to SI units	0.1g	
275.	Etridiazole	with certificate of analysis traceable to SI units	0.1g	

276.	Etrimfos	with certificate of analysis traceable to SI units	0.1g	
277.	Eugenol-methyl ether	with certificate of analysis traceable to SI units	0.1g	
278.	Famoxadone	with certificate of analysis traceable to SI units	0.1g	
279.	Fenamidone	with certificate of analysis traceable to SI units	0.1g	
280.	Fenamiphos	with certificate of analysis traceable to SI units	0.1g	
281.	Fenamiphos – sulfone	with certificate of analysis traceable to SI units	0.1g	
282.	Fenamiphos – sulfoxide	with certificate of analysis traceable to SI units	0.1g	
283.	Fenarimol	with certificate of analysis traceable to SI units	0.1g	
284.	Fenazaquin	with certificate of analysis traceable to SI units	0.1g	
285.	Fenbuconazole	with certificate of analysis traceable to SI units	0.1g	
286.	Fenbutatin Oxide	with certificate of analysis traceable to SI units	0.1g	
287.	Fenhexamid	with certificate of analysis traceable to SI units	0.1g	
288.	Fenitrothion	with certificate of analysis traceable to SI units	0.1g	
289.	Fenochlorphos	with certificate of analysis traceable to SI units	0.1g	
290.	Fenophos	with certificate of analysis traceable to SI units	0.1g	

291.	Fenoxaprop- ethyl	with certificate of analysis traceable to SI units	0.1g	
292.	Fenoxaprop-p-ethyl(R-enantiomer)	with certificate of analysis traceable to SI units	0.1g	
293.	Fenoxycarb		0.1g	
294.	Fenpropathrin	with certificate of analysis traceable to SI units	0.1g	
295.	Fenpropidin	with certificate of analysis traceable to SI units	0.1g	
296.	Fenpropimorph	with certificate of analysis traceable to SI units	0.1g	
297.	Fenpyrazamine	with certificate of analysis traceable to SI units	0.1g	
298.	Fenproximate (E)	with certificate of analysis traceable to SI units	0.1g	
299.	Fenpyroximate	with certificate of analysis traceable to SI units	0.1g	
300.	Fenpyroximate (E)	with certificate of analysis traceable to SI units	0.1g	
301.	Fenson	with certificate of analysis traceable to SI units	0.1g	
302.	Fenthion	with certificate of analysis traceable to SI units	0.1g	
303.	Fenthion Oxon	with certificate of analysis traceable to SI units	0.1g	
304.	Fenthion oxon sulfone	with certificate of analysis traceable to SI units	0.1g	
305.	Fenthion oxon sulfoxide	with certificate of analysis traceable to SI units	0.1g	
306.	Fenthion sulfone	with certificate of analysis traceable to SI units	0.1g	

307.	Fenthion sulfoxide	with certificate of analysis traceable to SI units	0.1g	
308.	Fenvalerate	with certificate of analysis traceable to SI units	0.1g	
309.	Fipronil	with certificate of analysis traceable to SI units	0.1g	
310.	Fipronil sulfone	with certificate of analysis traceable to SI units	0.1g	
311.	Flocoumafen	with certificate of analysis traceable to SI units	0.1g	
312.	Flonicamid	with certificate of analysis traceable to SI units	0.1g	
313.	Florasulam	with certificate of analysis traceable to SI units	0.1g	
314.	Fluazipfop p butyl	with certificate of analysis traceable to SI units	0.1g	
315.	Flubendiamide	with certificate of analysis traceable to SI units	0.1g	
316.	Fluchloralin	with certificate of analysis traceable to SI units	0.1g	
317.	Flucythrinate	with certificate of analysis traceable to SI units	0.1g	
318.	Fludioxonil	with certificate of analysis traceable to SI units	0.1g	
319.	Flufenacet	with certificate of analysis traceable to SI units	0.1g	
320.	Flufenoxuron	with certificate of analysis traceable to SI units	0.1g	
321.	Flumethrin	with certificate of analysis traceable to SI units	0.1g	

322.	Fluopicolide	with certificate of analysis traceable to SI units	0.1g	
323.	Fluopyram	with certificate of analysis traceable to SI units	0.1g	
324.	Fluquinconazole	with certificate of analysis traceable to SI units	0.1g	
325.	Flurasulam	with certificate of analysis traceable to SI units	0.1g	
326.	Fluridone	with certificate of analysis traceable to SI units	0.1g	
327.	Fluroxypyr	with certificate of analysis traceable to SI units	0.1g	
328.	Flusilazole	with certificate of analysis traceable to SI units	0.1g	
329.	Flutolanil		0.1g	
330.	Flutriafol	with certificate of analysis traceable to SI units	0.1g	
331.	Fluxapyroxad	with certificate of analysis traceable to SI units	0.1g	
332.	Folpet	with certificate of analysis traceable to SI units	0.1g	
333.	Fonophos	with certificate of analysis traceable to SI units	0.1g	
334.	Formetanate	with certificate of analysis traceable to SI units	0.1g	
335.	Fosetyl -aluminium	with certificate of analysis traceable to SI units	0.1g	
336.	Fosthiazate	with certificate of analysis traceable to SI units	0.1g	
337.	Furathiocarb	with certificate of analysis traceable to SI units	0.1g	

338.	Furilazole	with certificate of analysis traceable to SI units	0.1g	
339.	gamma BHC	with certificate of analysis traceable to SI units	0.1g	
340.	gamma-HCH (LINDANE)	with certificate of analysis traceable to SI units	0.1g	
341.	Glufosinat ammonium	with certificate of analysis traceable to SI units	0.1g	
342.	Glyphosate	with certificate of analysis traceable to SI units	0.1g	
343.	Glyphosate, isopropylamine salt	with certificate of analysis traceable to SI units	0.1g	
344.	Heptachlor	with certificate of analysis traceable to SI units	0.1g	
345.	Heptachlor-endo-epoxide(trans- Isomer A)	with certificate of analysis traceable to SI units	0.1g	
346.	Heptachlor-exo-epoxide(cis- Isomer B)	with certificate of analysis traceable to SI units	0.1g	
347.	Hexachlorobenzene	with certificate of analysis traceable to SI units	0.1g	
348.	Hexaconazole	with certificate of analysis traceable to SI units	0.1g	
349.	Hexazinone	with certificate of analysis traceable to SI units	0.1g	
350.	Hexythiazox	with certificate of analysis traceable to SI units	0.1g	
351.	Imazalil	with certificate of analysis traceable to SI units	0.1g	
352.	Imazapic	with certificate of analysis traceable to SI units	0.1g	

353.	Imazapyr	with certificate of analysis traceable to SI units	0.1g	
354.	Imidacloprid	with certificate of analysis traceable to SI units	0.1g	
355.	Iminoctadine tris(albesilate)	with certificate of analysis traceable to SI units	0.1g	
356.	Imiprothrin	with certificate of analysis traceable to SI units	0.1g	
357.	Indoxacarb	with certificate of analysis traceable to SI units	0.1g	
358.	Iodofenfos	with certificate of analysis traceable to SI units	0.1g	
359.	Iprodione	with certificate of analysis traceable to SI units	0.1g	
360.	Iprovalicarb	with certificate of analysis traceable to SI units	0.1g	
361.	Isocarbophos	with certificate of analysis traceable to SI units	0.1g	
362.	Isodrin	with certificate of analysis traceable to SI units	0.1g	
363.	Isofenphos-methyl	with certificate of analysis traceable to SI units	0.1g	
364.	Isopropalin	with certificate of analysis traceable to SI units	0.1g	
365.	Isoprothiolane	with certificate of analysis traceable to SI units	0.1g	
366.	Isoxaflutole	with certificate of analysis traceable to SI units	0.1g	
367.	Isozafos	with certificate of analysis traceable to SI units	0.1g	

368.	Kresoxim-Methyl	with certificate of analysis traceable to SI units	0.1g	
369.	Lambda-Cyhalothrin	with certificate of analysis traceable to SI units	0.1g	
370.	Lenacil	with certificate of analysis traceable to SI units	0.1g	
371.	Leptofos	with certificate of analysis traceable to SI units	0.1g	
372.	Linuron	with certificate of analysis traceable to SI units	0.1g	
373.	Lufenuron	with certificate of analysis traceable to SI units	0.1g	
374.	Malaoxon	with certificate of analysis traceable to SI units	0.1g	
375.	Malathion	with certificate of analysis traceable to SI units	0.1g	
376.	Malathion D10	with certificate of analysis traceable to SI units	0.1g	
377.	Mancozeb	with certificate of analysis traceable to SI units	0.1g	
378.	Mandipropamid	with certificate of analysis traceable to SI units	0.1g	
379.	MCPA	with certificate of analysis traceable to SI units	0.1g	
380.	Mecarbam	with certificate of analysis traceable to SI units	0.1g	
381.	Mecoprop-P	with certificate of analysis traceable to SI units	0.1g	
382.	Melamine	with certificate of analysis traceable to SI units	0.1g	

383.	Mepanipyrim	with certificate of analysis traceable to SI units	0.1g	
384.	Mesotrione	with certificate of analysis traceable to SI units	0.1g	
385.	Metaflumizone (sum of E- and Z- isomers)	with certificate of analysis traceable to SI units	0.1g	
386.	Metalaxyl	with certificate of analysis traceable to SI units	0.1g	
387.	Metalaxyl-M	with certificate of analysis traceable to SI units	0.1g	
388.	Metalochlor	with certificate of analysis traceable to SI units	0.1g	
389.	Metazachlor	with certificate of analysis traceable to SI units	0.1g	
390.	Methacrifos	with certificate of analysis traceable to SI units	0.1g	
391.	Methamidophos	with certificate of analysis traceable to SI units	0.1g	
392.	Methidathion	with certificate of analysis traceable to SI units	0.1g	
393.	Methiocarb	with certificate of analysis traceable to SI units	0.1g	
394.	Methiocarb sulfone	with certificate of analysis traceable to SI units	0.1g	
395.	Methiocarb sulfoxide	with certificate of analysis traceable to SI units	0.1g	
396.	Methomyl	with certificate of analysis traceable to SI units	0.1g	
397.	Methoxychlor	with certificate of analysis traceable to SI units	0.1g	

398.	Methoxyfenoxide	with certificate of analysis traceable to SI units	0.1g	
399.	Metiram	with certificate of analysis traceable to SI units	0.1g	
400.	Metofluthrin	with certificate of analysis traceable to SI units	0.1g	
401.	Metominostrobin (E)	with certificate of analysis traceable to SI units	0.1g	
402.	Metrafenone	with certificate of analysis traceable to SI units	0.1g	
403.	Metribuzin	with certificate of analysis traceable to SI units	0.1g	
404.	Mevinphos	with certificate of analysis traceable to SI units	0.1g	
405.	MGK 264	with certificate of analysis traceable to SI units	0.1g	
406.	MGK 264 1&2	with certificate of analysis traceable to SI units	0.1g	
407.	Milbemectin A3	with certificate of analysis traceable to SI units	0.1g	
408.	Milbemectin A4	with certificate of analysis traceable to SI units	0.1g	
409.	Mirex	with certificate of analysis traceable to SI units	0.1g	
410.	Monocrotophos	with certificate of analysis traceable to SI units	0.1g	
411.	Myclobutanyl	with certificate of analysis traceable to SI units	0.1g	
412.	N-2,4-Dimethylphenyl-N-methylformamidine	with certificate of analysis traceable to SI units	0.1g	

413.	n-Docosane	with certificate of analysis traceable to SI units	0.1g	
414.	Nicosulfuron	with certificate of analysis traceable to SI units	0.1g	
415.	Nicotine	with certificate of analysis traceable to SI units	0.1g	
416.	Nitralin	with certificate of analysis traceable to SI units	0.1g	
417.	NitroFen	with certificate of analysis traceable to SI units	0.1g	
418.	Nonachlor	with certificate of analysis traceable to SI units	0.1g	
419.	Novaluron	with certificate of analysis traceable to SI units	0.1g	
420.	Omethoate	with certificate of analysis traceable to SI units	0.1g	
421.	Orthophenylphenol (Free compound only)	with certificate of analysis traceable to SI units	0.1g	
422.	Oxadiazon	with certificate of analysis traceable to SI units	0.1g	
423.	Oxadixyl	with certificate of analysis traceable to SI units	0.1g	
424.	Oxamyl	with certificate of analysis traceable to SI units	0.1g	
425.	Oxamyl-oxime	with certificate of analysis traceable to SI units	0.1g	
426.	Oxycarboxin	with certificate of analysis traceable to SI units	0.1g	
427.	Oxy-Chlordane	with certificate of analysis traceable to SI units	0.1g	

428.	Oxydemeton-methyl	with certificate of analysis traceable to SI units	0.1g	
429.	Oxyfluorfen	with certificate of analysis traceable to SI units	0.1g	
430.	Paclobutrazole	with certificate of analysis traceable to SI units	0.1g	
431.	Paraoxon- methyl	with certificate of analysis traceable to SI units	0.1g	
432.	Paraquat-dichloride	with certificate of analysis traceable to SI units	0.1g	
433.	Parathion	with certificate of analysis traceable to SI units	0.1g	
434.	Parathion-ethyl	with certificate of analysis traceable to SI units	0.1g	
435.	Parathion-methyl	with certificate of analysis traceable to SI units	0.1g	
436.	Pebulate	with certificate of analysis traceable to SI units	0.1g	
437.	Penconazole	with certificate of analysis traceable to SI units	0.1g	
438.	Pencycuron	with certificate of analysis traceable to SI units	0.1g	
439.	Pendimethalin	with certificate of analysis traceable to SI units	0.1g	
440.	Pentachloroaniline	with certificate of analysis traceable to SI units	0.1g	
441.	Pentachloroanisole	with certificate of analysis traceable to SI units	0.1g	
442.	Pentachlorobenzene	with certificate of analysis traceable to SI units	0.1g	

443.	Pentachlorobenzonitrile	with certificate of analysis traceable to SI units	0.1g	
444.	Pentachlorothioanisole	with certificate of analysis traceable to SI units	0.1g	
445.	Permethrin	with certificate of analysis traceable to SI units	0.1g	
446.	Petachlorobenzene	with certificate of analysis traceable to SI units	0.1g	
447.	Phenothrin	with certificate of analysis traceable to SI units	0.1g	
448.	Phenoxyaceticacid	with certificate of analysis traceable to SI units	0.1g	
449.	Phenthoate	with certificate of analysis traceable to SI units	0.1g	
450.	Phenyl phenol	with certificate of analysis traceable to SI units	0.1g	
451.	Phorate	with certificate of analysis traceable to SI units	0.1g	
452.	Phosalone	with certificate of analysis traceable to SI units	0.1g	
453.	Phosmet	with certificate of analysis traceable to SI units	0.1g	
454.	Phosmet oxon	with certificate of analysis traceable to SI units	0.1g	
455.	Phosphamidon	with certificate of analysis traceable to SI units	0.1g	
456.	Phoxim	with certificate of analysis traceable to SI units	0.1g	
457.	Picloram	with certificate of analysis traceable to SI units	0.1g	

458.	Picoxystrobin	with certificate of analysis traceable to SI units	0.1g	
459.	Pinoxaden	with certificate of analysis traceable to SI units	0.1g	
460.	Piperalin	with certificate of analysis traceable to SI units	0.1g	
461.	Piperonyl butoxide	with certificate of analysis traceable to SI units	0.1g	
462.	Pirimicarb	with certificate of analysis traceable to SI units	0.1g	
463.	Pirimicarb-desmethyl	with certificate of analysis traceable to SI units	0.1g	
464.	Pirimiphos-Methyl	with certificate of analysis traceable to SI units	0.1g	
465.	Polyoxin B Neat	with certificate of analysis traceable to SI units	0.1g	
466.	Prallethrin	with certificate of analysis traceable to SI units	0.1g	
467.	Prochloraz	with certificate of analysis traceable to SI units	0.1g	
468.	Procymidone	with certificate of analysis traceable to SI units	0.1g	
469.	Prodiamine	with certificate of analysis traceable to SI units	0.1g	
470.	Profenofos	with certificate of analysis traceable to SI units	0.1g	
471.	Profluralin	with certificate of analysis traceable to SI units	0.1g	
472.	Prometryn	with certificate of analysis traceable to SI units	0.1g	

473.	Propachlor	with certificate of analysis traceable to SI units	0.1g	
474.	Propamocarb	with certificate of analysis traceable to SI units	0.1g	
475.	Propamocarb hydrochloride	with certificate of analysis traceable to SI units	0.1g	
476.	Propanil	with certificate of analysis traceable to SI units	0.1g	
477.	Propaquizafop	with certificate of analysis traceable to SI units	0.1g	
478.	Propargite	with certificate of analysis traceable to SI units	0.1g	
479.	Propazamide	with certificate of analysis traceable to SI units	0.1g	
480.	Propazine	with certificate of analysis traceable to SI units	0.1g	
481.	Propiconazole	with certificate of analysis traceable to SI units	0.1g	
482.	Propineb	with certificate of analysis traceable to SI units	0.1g	
483.	Propisochlor	with certificate of analysis traceable to SI units	0.1g	
484.	Propoxur	with certificate of analysis traceable to SI units	0.1g	
485.	Propyzamide	with certificate of analysis traceable to SI units	0.1g	
486.	Proquinazid	with certificate of analysis traceable to SI units	0.1g	
487.	Prosulfocarb	with certificate of analysis traceable to SI units	0.1g	

488.	Prothioconazole	with certificate of analysis traceable to SI units	0.1g	
489.	Prothiofos	with certificate of analysis traceable to SI units	0.1g	
490.	Pthalimide	with certificate of analysis traceable to SI units	0.1g	
491.	Pymetrozine	with certificate of analysis traceable to SI units	0.1g	
492.	Pyracarbolid	with certificate of analysis traceable to SI units	0.1g	
493.	Pyrachlofos	with certificate of analysis traceable to SI units	0.1g	
494.	Pyraclostrobin	with certificate of analysis traceable to SI units	0.1g	
495.	Pyrazophos	with certificate of analysis traceable to SI units	0.1g	
496.	Pyrdaphenothion	with certificate of analysis traceable to SI units	0.1g	
497.	Pyrethrins(technical)	with certificate of analysis traceable to SI units	0.1g	
498.	Pyridaben	with certificate of analysis traceable to SI units	0.1g	
499.	Pyridalyl	with certificate of analysis traceable to SI units	0.1g	
500.	Pyrimethanil	with certificate of analysis traceable to SI units	0.1g	
501.	Pyriproxyfen	with certificate of analysis traceable to SI units	0.1g	
502.	Quinalphos	with certificate of analysis traceable to SI units	0.1g	

503.	Quinoxifen	with certificate of analysis traceable to SI units	0.1g	
504.	Quitozene	with certificate of analysis traceable to SI units	0.1g	
505.	Resmethrin	with certificate of analysis traceable to SI units	0.1g	
506.	Sethoxydim	with certificate of analysis traceable to SI units	0.1g	
507.	Simazine	with certificate of analysis traceable to SI units	0.1g	
508.	S-Metolachlor	with certificate of analysis traceable to SI units	0.1g	
509.	Spinetoram	with certificate of analysis traceable to SI units	0.1g	
510.	Spinosad	with certificate of analysis traceable to SI units	0.1g	
511.	Spirodiclofen	with certificate of analysis traceable to SI units	0.1g	
512.	Spiromesifen	with certificate of analysis traceable to SI units	0.1g	
513.	Spirotetramat	with certificate of analysis traceable to SI units	0.1g	
514.	Spirotetramat metabolite BYI08330 enol-glucoside	with certificate of analysis traceable to SI units	0.1g	
515.	Spirotetramat metabolite BYI08330-enol	with certificate of analysis traceable to SI units	0.1g	
516.	Spirotetramat metabolite BYI08330-ketohydroxy	with certificate of analysis traceable to SI units	0.1g	
517.	Spirotetramat metabolite BYI08330-monohydroxy	with certificate of analysis traceable to SI units	0.1g	

518.	Spirotetramat-enol	with certificate of analysis traceable to SI units	0.1g	
519.	Spiroxamine	with certificate of analysis traceable to SI units	0.1g	
520.	Sulfosufuron	with certificate of analysis traceable to SI units	0.1g	
521.	Sulfotep	with certificate of analysis traceable to SI units	0.1g	
522.	Sulfoxaflor	with certificate of analysis traceable to SI units	0.1g	
523.	Sulprofos	with certificate of analysis traceable to SI units	0.1g	
524.	Tau-Fluvalinate	with certificate of analysis traceable to SI units	0.1g	
525.	Tebuconazole	with certificate of analysis traceable to SI units	0.1g	
526.	Tebufenozide	with certificate of analysis traceable to SI units	0.1g	
527.	Tebufenpyrad	with certificate of analysis traceable to SI units	0.1g	
528.	Tebuthiuron	with certificate of analysis traceable to SI units	0.1g	
529.	Tebuthylazine	with certificate of analysis traceable to SI units	0.1g	
530.	Tecazene	with certificate of analysis traceable to SI units	0.1g	
531.	Teflubenzuron	with certificate of analysis traceable to SI units	0.1g	
532.	Tefluthalin	with certificate of analysis traceable to SI units	0.1g	

533.	Tefluthrin	with certificate of analysis traceable to SI units	0.1g	
534.	Tembotrione	with certificate of analysis traceable to SI units	0.1g	
535.	Temephos	with certificate of analysis traceable to SI units	0.1g	
536.	Terbacil	with certificate of analysis traceable to SI units	0.1g	
537.	Terbufos	with certificate of analysis traceable to SI units	0.1g	
538.	Terbutylazine	with certificate of analysis traceable to SI units	0.1g	
539.	Tetrachloroaniline 2,3,5,6	with certificate of analysis traceable to SI units	0.1g	
540.	Tetrachlorvinphors	with certificate of analysis traceable to SI units	0.1g	
541.	Tetraconazole	with certificate of analysis traceable to SI units	0.1g	
542.	Tetradifon	with certificate of analysis traceable to SI units	0.1g	
543.	Tetrahydrophthalimide (THPI)	with certificate of analysis traceable to SI units	0.1g	
544.	Tetramethrin	with certificate of analysis traceable to SI units	0.1g	
545.	Thiabendazole	with certificate of analysis traceable to SI units	0.1g	
546.	Thiacloprid	with certificate of analysis traceable to SI units	0.1g	
547.	Thiamethoxam	with certificate of analysis traceable to SI units	0.1g	

548.	Thiocyclam hydrogenoxalate	with certificate of analysis traceable to SI units	0.1g	
549.	Thiodicarb	with certificate of analysis traceable to SI units	0.1g	
550.	Thiophanate-methyl	with certificate of analysis traceable to SI units	0.1g	
551.	Thiram	with certificate of analysis traceable to SI units	0.1g	
552.	THPI tetrahydrophthalimide	with certificate of analysis traceable to SI units	0.1g	
553.	Tolclofos-methyl	with certificate of analysis traceable to SI units	0.1g	
554.	Tolyfluanid	with certificate of analysis traceable to SI units	0.1g	
555.	Toxaphene	with certificate of analysis traceable to SI units	0.1g	
556.	Tralkoxydim	with certificate of analysis traceable to SI units	0.1g	
557.	Tralomethrin	with certificate of analysis traceable to SI units	0.1g	
558.	Trans chlordane	with certificate of analysis traceable to SI units	0.1g	
559.	Trans-1,3 Dichloropropene	with certificate of analysis traceable to SI units	0.1g	
560.	Trans-Chlordane gamma	with certificate of analysis traceable to SI units	0.1g	
561.	Trans-Deltamethrin(D6)dimethyl D6	with certificate of analysis traceable to SI units	0.1g	
562.	Transfluthrin	with certificate of analysis traceable to SI units	0.1g	

563.	Trans Nonachlor	with certificate of analysis traceable to SI units	0.1g	
564.	Triadimefon	with certificate of analysis traceable to SI units	0.1g	
565.	Triadimenol	with certificate of analysis traceable to SI units	0.1g	
566.	Triallate	with certificate of analysis traceable to SI units	0.1g	
567.	Triazophos	with certificate of analysis traceable to SI units	0.1g	
568.	Tribenuron-methyl(Tech)	with certificate of analysis traceable to SI units	0.1g	
569.	Trichlorfon	with certificate of analysis traceable to SI units	0.1g	
570.	Triclopyr	with certificate of analysis traceable to SI units	0.1g	
571.	Tricyclazole	with certificate of analysis traceable to SI units	0.1g	
572.	Trifloxystrobin	with certificate of analysis traceable to SI units	0.1g	
573.	Trifloxysulfuron Sodium	with certificate of analysis traceable to SI units	0.1g	
574.	Triflumizole	with certificate of analysis traceable to SI units	0.1g	
575.	Triflumizole metabolite (FM-6-1)	with certificate of analysis traceable to SI units	0.1g	
576.	Triflumuron	with certificate of analysis traceable to SI units	0.1g	
577.	Trifluralin	with certificate of analysis traceable to SI units	0.1g	

578.	Triticonazole	with certificate of analysis traceable to SI units	0.1g	
579.	Vinclozolin	with certificate of analysis traceable to SI units	0.1g	
580.	Zeta-Cypermethrin	with certificate of analysis traceable to SI units	0.1g	
581.	Ziram	with certificate of analysis traceable to SI units	0.1g	
582.	Zoxamide	with certificate of analysis traceable to SI units	0.1g	
583.	Cadusafos	with certificate of analysis traceable to SI units	0.1g	
584.	Camphechlor (Toxaphene)	with certificate of analysis traceable to SI units	0.1g	
585.	Captafol	with certificate of analysis traceable to SI units	0.1g	

LOT 5: SUPPLY AND DELIVERY OF ANALYTICAL CERTIFIED REFERENCE MATERIALS (CRMs)

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	CONFORMITY TO TECHNICAL SPECIFICATIONS YES/NO (IF YES ATTACH BROCHURES
	Poly chlorinated biphenyls (PCBs)with certificate of analysis traceable to SI units			
1.	PCB 110	with certificate of analysis traceable to SI units		
2.	PCB 118	with certificate of analysis traceable to SI units		
3.	PCB 128	with certificate of analysis traceable to SI units		
4.	PCB 138	with certificate of analysis traceable to SI units		

5.	PCB 153	with certificate of analysis traceable to SI units		
6.	PCB 180	with certificate of analysis traceable to SI units		
7.	PCB 196	with certificate of analysis traceable to SI units		
8.	PCB 28	with certificate of analysis traceable to SI units		
9.	PCB 31	with certificate of analysis traceable to SI units		
10.	PCB 101	with certificate of analysis traceable to SI units		
11.	PCB 114	with certificate of analysis traceable to SI units		
12.	PCB 149	with certificate of analysis traceable to SI units		
13.	PCB 155	with certificate of analysis traceable to SI units		
14.	PCB 18	with certificate of analysis traceable to SI units		
15.	PCB 194	with certificate of analysis traceable to SI units		
16.	PCB 206	with certificate of analysis traceable to SI units		
17.	PCB 52	with certificate of analysis traceable to SI units		
18.	PCB 44	with certificate of analysis traceable to SI units		
	Polycyclic Aromatic Hydrocarbons			
19.	Acenaphthylene	with certificate of analysis traceable to SI units		
20.	Acenaphthene	with certificate of analysis traceable to SI units		
21.	Anthracene	with certificate of analysis traceable to SI units		
22.	Benz[a]anthracene	with certificate of analysis traceable to SI units		
23.	Chrysene	with certificate of analysis traceable to SI units		

24.	Benzo[k]fluoranthene	with certificate of analysis traceable to SI units		
25.	Benzo[ghi]perylene	with certificate of analysis traceable to SI units		
26.	Benzo[a]pyrene	with certificate of analysis traceable to SI units		
27.	Dibenz[a,h]anthracene	with certificate of analysis traceable to SI units		
28.	Fluoranthene	with certificate of analysis traceable to SI units		
29.	Fluorene	with certificate of analysis traceable to SI units		
30.	Indeno[1,2,3-cd] pyrene	with certificate of analysis traceable to SI units		
31.	Naphthalene	with certificate of analysis traceable to SI units		
32.	Naphthalene, 1-methyl-	with certificate of analysis traceable to SI units		
33.	Naphthalene, 2-methyl-	with certificate of analysis traceable to SI units		
34.	Phenanthrene	with certificate of analysis traceable to SI units		
35.	Pyrene	with certificate of analysis traceable to SI units		
36.	Terphenyl -d14	with certificate of analysis traceable to SI units		

LOT 6: SUPPLY AND DELIVERY OF MOLECULAR REAGENTS AND CHEMICAL

No	Item	Specification	Unit of Measure	CONFORMITY TO TECHNICAL SPECIFICATIONS YES/NO (IF YES ATTACH BROCHURES
1.	PCR master mix	Thermo Scientific Dream Taq PCR, Master Mix (2X), K1072 1000 rxns.	Pc	
2.	qPCR Probe Master	2x Master mix for real-time PCR, 100mls, Cat No. PCR-360	pc	
3.	MMLV Reverse transcriptase	MMLV RT (New England Bio labs) 50,000 units cat No:M0253L	Pc	

No	Item	Specification	Unit of Measure	CONFORMITY TO TECHNICAL SPECIFICATIONS YES/NO (IF YES ATTACH BROCHURES
4.	PCR master mix	SCRIPT cDNA Synthesis Kit, Jena Biosciences, 100 reactions x 20 µl.Cat No. PCR-511S	Pc	
5.	PCR master mix	2X hotstart taq master mix, New England Biolabs 500rxns pack	Pc	
6.	dNTPs	Deoxynucleotide(dNTP) solution set 100mM each	Pc	
7.	Taq DNA polymerase	Hotstart Taq DNA polymerase, New England Biolabs, 200 units	Pc	
8.	DNA Ladder	HyperLadder (Bioline) 50bp, Cat No. BIO-33040(500 lanes,1 kb HyperLadder (Bioline)	Pc	
9.	DNA Ladder	CAT no BIO-33053 100 lanes,100 bp Hyper Ladder (Bioline)	Pc	
10.	DNA Ladder	CAT no BIO-33030 500 lanes	PC	
11.	Gel Red Nucleic Acid stain	Gel Red Nucleic Acid stain 10,000X in DMSO – Biotium, 2ml tube	Pc	
12.	Nuclease free water	500ml RNase/DNase free water	500ml	
13.	Agarose	TopVision, Cat No. R0492 Thermo Scientific 500g	500g	
14.	Isopropanol	Molecular grade, 2.5 litres 99.7%	2.5ltrs	
15.	Loading dye	DNA Gel Loading Dye (6X) 5mls	pc	
16.	Sodium Hypochlorite	10-12% Sodium Hypochlorite,5 litres pack	5ltrs	
17.	Ethanol (absolute)	Molecular\analytical Grade a bottle of 2.5 litres	2.5ltrs	
18.	Ethanol (absolute)	GPR grade, a bottle of 2.5 litres	2.5ltrs	
19.	CTAB chemical	Cetyltrimethylammonium ammonium bromide (CTAB), 500g	500g	
20.	Sodium Chloride	Sodium Chloride (Salt), High Purity Crystals, M.W 163.39,500g	500g	
21.	Chloroform	Chloroform Chemical, Packaging Type: Glass Bottle, Packaging Size: 2.5 litres	2.5ltrs	
22.	Tris base	Scientific Research Tris-base 77-86-1 Sigma, 500g	500g	

No	Item	Specification	Unit of Measure	CONFORMITY TO TECHNICAL SPECIFICATIONS YES/NO (IF YES ATTACH BROCHURES
23.	PVP	Polyvinylpyrrolidone, (PVP-40),500g	500g	
24.	EDTA	Sodium dodecyl sulfate (SDS), 500g	500g	
25.	Boric Acid	Boric acid odorless Purn med M.W 61.84 g/mol,500g	500g	
26.	Sodium Sulphite	Sodium Sulfite, 99% min, Anhydrous, Na ₂ SO ₃ , M.W 146.043,500g	500g	
27.	PCR Primers	Primers for detection of plant pests using conventional endpoint PCR	sets	
28.	PCR Probes	Primers for detection of plant pests using Taqman Realtime PCR		
29.	V 8 media	500gm from HI media	500g	
30.	Potato Dextrose agar (PDA)	500gm from HI media	500g	
31.	Malt Extra Agar	500 from HI media	500g	
32.	Czapex dox media	500 ml from Hi media	500ml	
33.	General agar	500gm	500gm	
34.	Streptomycin sulphate	50gm	50gm	
35.	Potassium dihydrogen phosphate (KH ₂ P04)	Loba chemie	500gms	
36.	Disodium hydrogen phosphate dihydrate (Na ₂ HPO4. 2H ₂ O)	Sigma-Aldrich	500gms	
37.	Silica Gel	Self-indicating blue	500gms	
38	Taqman GMO screening kit	Taqman GMO screening kit ABI Applied Biosystems 4466334	Kit	
39	Taqman GMO quantification kits	TaqMan™ GMO Maize Quantification Kit	Kit	
38.	Ammonium Nitrate	NH ₄ NO ₃	500g	
39.	Potassium Nitrate	KNO ₃	500g	
40.	Magnesium Sulfate	MGSO ₄ .7H ₂ O	500g	
41.	Manganese Sulfate	MNSO ₄ .4H ₂ O	500g	
42.	Calcium Chloride	CaCl ₂ .2H ₂ O	500g	

No	Item	Specification	Unit of Measure	CONFORMITY TO TECHNICAL SPECIFICATIONS YES/NO (IF YES ATTACH BROCHURES
43.	Potassium Phosphate	KH_2PO_4	500g	
44.	Inositol	For plant tissue culture	500g	
45.	Sucrose	Table sugar/with COA	500g	
46.	Zinc Sulfate	$\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$	500g	
47.	Copper Sulfate	$\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$	500g	
48.	Potassium Iodide	KI	500g	
49.	Cobalt Chloride	$\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$	500g	
50.	Boric Acid	H_3BO_3	500g	
51.	Molybdic Acid	$\text{NaMoO}_4 \cdot 2\text{H}_2\text{O}$	500g	
52.	Ferrous Sulfate	$\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$	500g	
53.	Sodium-EDTA	$\text{Na}_2\text{-EDTA}$	500g	
54.	Glycine	For plant tissue culture	2.5l	
55.	Nicotinic Acid	For plant tissue culture	2.5L	
56.	Pyridoxine-HCL	For plant tissue culture	2.5L	
57.	Thiamine-HCL	For plant tissue culture	2.5L	
58.	Giberellic acid (GA3)	For plant tissue culture	2.5 L	
59.	Benzyl Ammino Purine (BAP)	For plant tissue culture	2.5L	
60.	Indole Butyric Acid (IBA)	For plant tissue culture	2.5l	
61.	Sorbitol	For plant tissue culture	500g	

LOT 7: SUPPLY AND DELIVERY OF MOLECULAR CONSUMABLES

NO.	ITEM	DESCRIPTION	UNIT OF MEASURE	CONFORMITY TO TECHNICAL SPECIFICATIONS YES/NO (IF YES ATTACH BROCHURES
1.	PCR plates adhesive covers	Adhesive covers MicroAmp Optical Adhesive Film Thermo fisher scientific Catalog number: 4311971 (a packet of 100 pcs)	pkt	
2.	PCR Plates	PCR 96-well Plate, 0.2ml, Clear (non-Skirted/semi-Skirted) (50plates/case)	case	
3.	Microfuge tubes	Safe lock tubes, clear ,1.5ml, Eppendorf tubes PCR clean centrifugation up to 30 000 x g.(packet of 1000pcs)	Pkt	
4.	Microfuge tubes	Safe lock tubes, clear 2.0ml, Eppendorf tubes PCR clean centrifugation up to 30 000 x g, (packet of 1000pcs)	Pkt	
5.	Filtred tips	Filtered micropipette tips ,200µl(1 box of 10 racks)	Box	
6.	Filtred tips	Filtered micropipette tips ,5-10 µl,(1 box of 10 racks)	Box	
7.	Filtred tips	Filtered micropipette tips ,1000 µl,(1 box of 10 racks)	Box	
8.	Non-filtered micropipette tips	Non-filtered, size-2-200µl(Package of 1000)	Pkt	
9.	Non-filtered micropipette tips	Non-filtered, clear, Size:0.1-10µl (Package of 1000)	Pkt	
10.	Non-filtered micropipette tips	Non-filter (micropipette: Clear,100-1000µl)(Package of 1000)	Pkt	
11.	Scalpel blade holders (suitable for blade No 24 and 11)	Suitable for blade (Size No 24 and 11)	Pkt	
12.	Scapel blades	Size 24	pkt	
13.	Microscope Slides	Clear glass non-frosted, size 25.4*76.3mm (1*3), 1mm-1.2mm thick	Pkt	
14.	Filter paper	80mm	Pkt	
15.	Plastic Petri dishes	Disposable sterile petri dishes (Size dimension 90mm and 14.2 mm Height) From JRZ PLASTILAB9(Abox of 500pcs)	Box	
16.	Parafilm	Roll (4 inch by 125 fts)	Roll	
17.	Hemocytometer	Neubauer chamber's counting grid is 3 mm x 3 mm in size.	Pc	
18.	Adhesive labels	4 x 2 cm size	Pkts	
19.	Milk filter paper	240mm disk (round)	Pkt	

NO.	ITEM	DESCRIPTION	UNIT OF MEASURE	CONFORMITY TO TECHNICAL SPECIFICATIONS YES/NO (IF YES ATTACH BROCHURES
20.	Microscope Slides & cover slips	Clear glass non-frosted, size 25.4*76.3mm (1*3), 1mm1.2mm thick	pkt	
21.	Polyethene bags (for grafting)	15cm × 30cm(50 pcs per pack)	Packet	
22.	Boats/troughs	Plastic 1000mls	Packet	
23.	Membrane washing plates	Plastic 1000ml plates	Packets	
24.	Carborundum (silicon carbide)	Sharp with abrasive properties	PC	
25.	Stirrer and stirring rods	Medium, large 1 rod each	Pc	
26.	Ziplock Bags	4x6'' zip lock bags, clear with labelling side, 300 gauge thickness, pack of 100 pcs	Pkt	
27.	Ziplock bags	Sealable, Clear Plastic, 12" x 18" inch in size, 300 gauge thickness, pack of 100pcs	Pkt	
28.	Plastic Petri dishes	Disposable sterile petri dishes (9mmx9mm diameter) a box of 500pcs	Box	
29.	Glass petri dishes	Autoclavable Standard Size, 90 mm (diameter) × 15 mm (height)Used for bacterial, fungal, and general microbiological cultures	Box	
30.	Glass petri dishes	Autoclavable Smaller Sizes (For Limited Samples or Spot Testing) 35 mm × 10 mm → Used for single-colony isolation	Box	
31.	Wire loops	Able to scoop 1ul culture growth/broth	pkt	
32.	Wire loops	Able to scoop 10ul culture growth/broth	pkt	
33.	Wire loops	Able to scoop 50ul culture growth/broth	pkt	
34.	Plastic inoculating loops for pure culturing	Able to scoop 1-10ul culture growth/broth a pack of 20 pcs	pack	
35.	Biohazard bag	1 Box of 24*30-inch gauge 300,	Pack	
36.	Biohazard bags	Autoclaveable, 8.4*11 inch	Pack	
37.	Gloves	Latex, powder free, size Medium, large,extralarge, Box of 10pkts	Box	
38.	Forceps	7 inches length, stainless steel, serrated tip	pkt	
39.	Forceps	12 inches length, stainless steel, serrated tip	pkt	
40.	Test tubes	20mm x 150mm, pyrex glass/autoclavable	pcs	
41.	Plastic plant tissue culture containers with lids	1 litre capacity	pcs	

NO.	ITEM	DESCRIPTION	UNIT OF MEASURE	CONFORMITY TO TECHNICAL SPECIFICATIONS YES/NO (IF YES ATTACH BROCHURES
42.	Plant tissue culture Baby culture jars with caps	autoclavable, 220ml capacity	pcs	
43.	Insect Pins Black steel insect pins hardened and tempered	Black steel insect pins hardened and tempered Fabricated from spring steel with a smooth, black enamel finish, gold nylon heads Packaged in envelopes of 100 pins. Save with the Variety Pack of 1 envelope of each size, 700 pins total count	pcs	
44.		Size 00 ;38 x 0.30 mm diameter	pcs	
45.		Size 0; 38 x 0.35 mm diameter	pcs	
46.		Size 1; 38 x 0.40 mm diameter	pcs	
47.		Size 2; 38 x .45 mm diameter	pcs	
48.		Size 3; 38 x 0.50 mm diameter	pcs	
49.		Size 4; 38 x 0.55 mm diameter	pcs	
50.	Finest headless insect micro-pins	Finest headless insect micro-pins Sizes	pcs	
		S44-010 500 pins envelop diam. 0,10 l. 12	pcs	
		S44-015 500 pins envelop diam. 0,15 l. 12	pcs	
		S44-020 500 pins envelop diam. 0,20 l. 12	pcs	
51.	Insect mounting strips	Nu-poly strips white dense material precisely cut into strips 60mm long 4 mm x 3 mm	pcs	
52.	Lepidopteran spreading mounting strips	Insect butterfly wing spreading strips vellum paper	pcs	
53.	Mounting cards	Triangular and Rectangular	pcs	

LOT 8: SUPPLY AND DELIVERY OF MOLECULAR ANTIBIOTICS

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	CONFORMITY TO TECHNICAL SPECIFICATIONS YES/NO (IF YES ATTACH BROCHURES
1.	Antibiotics	Neomycin	Pkt	
2.		Streptomycin	Pkt	
3.		Penicillin G sodium Salt	Pkt	
4.		Polymixin B Sulphate	Pkt	

5.		Chloramphenicol- water soluble	Pkt	
6.		Streptomycin sulphate salt	Pkt	
7.		2,3,5-triphenyl tetrazolium chloride	Pkt	
8.		Trimethoprim	Pkt	
9.		Bacitracin	Pkt	
10.		Cycloheximide	Pkt	
11.		Cephalexin	Pkt	
12.		D- methionine	Pkt	
13.		Vancomycin	Pkt	
14.		Gentamycin Sulphate	Pkt	
15.		Pyridoxine HCl	Pkt	
16.		Nitrofurantoin	Pkt	
17.		Oxacillin Sodium salt Monohydrate	Pkt	
18.		Nalidixic acid	Pkt	
19.		DL-Dithiothreitol	Pkt	
20.		Ampicilin Sodium	Pkt	
21.		Oxacillin Sodium salt Monohydrate	Pkt	
22.		Nalidixic acid	Pkt	
23.		DL-Dithiothreitol	Pkt	
24.		Ampicilin Sodium	Pkt	
25.		Chloramphenicol	Pkt	
26.		Kasugamycin	Pkt	

Name of tenderer.....

Signature of tenderer.....

Date.....

Stamp.....

Note: Candidates must conform to the technical requirements to proceed to financial evaluation.

Financial evaluation

Bidders are required to quote for all line items in any lot(s) tendering for unquoted items shall lead to automatic disqualification.

All prices quoted must be inclusive of all taxes.

Financial evaluation will be done per **LOT** and awarded to the lowest evaluated bidder per **LOT**, all line items must be fully filled’.

Bidders must submit a confirmation letter indicating that the prices quoted shall remain Fixed for the period of agreement (1 Year) and that no price variations/adjustments will be done within this period.

SECTION IV - TENDERING FORMS 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 (ITT 7);
- 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.
- (r) 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 is a Bidder in respect
of **Tender No.**
.....for.....(*in
sert 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
cak
3. red from participating in procurement proceeding under Part IV of the Act.
4. THAT what is deponed to herein above is true to the best of my knowledge, information and
belief.

.....
(Title) (Signature) (Date)

Bidder 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.....

Email.....
.....

Name of the Firm/Company.....

Date.....

(Company Seal/ Rubber Stamp where applicable)

Witness

Name.....

Sign.....

Date.....

APPENDIX 1- FRAUD AND CORRUPTION

(Appendix 1 shall not be modified)

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

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]* Page __ of ____ pages

1.Tenderer'sName <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 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 ITT3.4. <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 ITT4.6 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)

Yes/No..... If yes, provide details as follows.

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

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 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 such 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].*

Page _____ of _____ pages

1. Tenderer's Name: <i>[insert Tenderer's legal name]</i>
2. Tenderer's JV Member's name: <i>[insert JV's Member legal name]</i>
3. Tenderer's JV Member's country of registration: <i>[insert JV's Member country of registration]</i>
4. Tenderer's JV Member's year of registration: <i>[insert JV's Member year of registration]</i>
5. Tenderer's JV Member's legal address in country of registration: <i>country of registration]</i> <i>[insert JV's Member legal address in</i>
6. Tenderer's JV Member's authorized representative information Name: <i>[insert name of JV's Member authorized representative]</i> Address: <i>[insert address of JV's Member authorized representative]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers of JV's Member authorized representative]</i> Email Address: <i>[insert email address of JV's Member authorized representative]</i>
7. Attached are copies of original documents of <i>[check the box(es) of the attached original documents]</i> <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of the legal entity named above, in accordance with ITT 4.4. registration <input type="checkbox"/> In case of a state-owned enterprise or institution, documents establishing legal and financial auton operation in accordance with commercial law, and that they are not under the supervision of the Procuring E in accordance with ITT4.6.
8. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

Form CON – 2

Historical Contract Non-Performance, Pending Litigation and Litigation History

Tenderer's Name: _____ Date: _____

JV Member's Name _____ ITT No. _____ and
 title: _____

Non-Performed Contracts in accordance with Section III, Evaluation and Qualification Criteria			
<input type="checkbox"/> Contract non-performance did not occur since 1 st January <i>[insert year]</i> specified in Section III, Evaluation and Qualification Criteria, Sub-Factor 2.1.			
<input type="checkbox"/> Contract(s) not performed since 1 st January <i>[insert year]</i> specified in Section III, Evaluation and Qualification Criteria, requirement 2.1			
<input type="checkbox"/> Contract(s) withdrawn since 1 st January <i>[insert year]</i> specified in Section III, Evaluation and Qualification Criteria, requirement 2.1			
Year	Non- performed portion of contract	Contract Identification	Total Contract Amount (current value, currency, exchange rate and Kenya Shilling equivalent)
<i>[insert year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Procuring Entity: <i>[insert full name]</i> Address of Procuring Entity: <i>[insert street/city/country]</i> Reason(s) for nonperformance: <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>
Pending Litigation, in accordance with Section III, Evaluation and Qualification Criteria			
<input type="checkbox"/> No pending litigation in accordance with Section III, Evaluation and Qualification Criteria, Sub-Factor 2.3.			
<input type="checkbox"/> Pending litigation in accordance with Section III, Evaluation and Qualification Criteria, Sub-Factor 2.3 as indicated below.			

Year of dispute	Amount in dispute (currency)	Contract Identification	Total Contract Amount (currency), Kenya Shilling Equivalent (exchange rate)
		Contract Identification: _____ Name of Procuring Entity: _____ Address of Procuring Entity: _____ Matter in dispute: _____ Party who initiated the dispute: _____ Status of dispute: _____	
		Contract Identification: Name of Procuring Entity: Address of Procuring Entity: Matter in dispute: Party who initiated the dispute: Status of dispute:	

Litigation History in accordance with Section III, Evaluation and Qualification Criteria

- No Litigation History in accordance with Section III, Evaluation and Qualification Criteria, Sub-Factor 2.4.
- Litigation History in accordance with Section III, Evaluation and Qualification Criteria, Sub-Factor 2.4 as indicated below.

Year of award	Outcome as percentage of Net Worth	Contract Identification	Total Contract Amount (currency), Kenya Shilling Equivalent (exchange rate)
<i>[insert year]</i>	<i>[insert percentage]</i>	Contract Identification: [indicate complete contract name, number, and any other identification] Name of Procuring Entity: <i>[insert full name]</i> Address of Procuring Entity: <i>[insert street/city/country]</i> Matter in dispute: <i>[indicate main issues in dispute]</i> Party who initiated the dispute: <i>[indicate "Procuring Entity" or "Contractor"]</i> Reason(s) for Litigation and award decision <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>

Include details relating to potential bid-rigging practices such as previous occasions where tenders were withdrawn, joint bids with competitors, subcontracting work to unsuccessful tenderer

Name of tenderer.....

Signature of tenderer.....

Date.....

The prices should be inclusive of taxes

FORM OF TENDER SECURITY - DEMAND BANK GUARANTEE

Beneficiary: _____

ITT No: _____

Date: _____

TENDER GUARANTEE No.: _____

Guarantor: _____

1. We have been informed that _____ (hereinafter called "the Applicant") has submitted or will submit to the Beneficiary its Tender (hereinafter 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 thereto 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) twenty-eight 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)]

FORM OF TENDER SECURITY (TENDER BOND)

[The Surety shall fill in this Tender Bond Form in accordance with the instructions indicated.]

BOND NO. _____

1. BY THIS BOND.....*[name of tenderer]* as Principal (hereinafter called “the Principal”), and..... *[name, legal title, and address of surety]*,**authorized to transact business in** *[name of country of Procuring Entity]*, as Surety (hereinafter called “the Surety”), are held and firmly bound unto..... *[name of Procuring Entity]* as Obligee (hereinafter called “the Procuring Entity”) in the sum of.....*[amount of Bond]*¹*[amount in words]*, for the payment of which sum, well and truly to be made, we, the said Principal and Surety, bind ourselves, our successors and assigns, jointly and severally, firmly by these presents.

2. WHEREAS the Principal has submitted or will submit a written Tender to the Procuring Entity dated the _____ day _____ of _____, 20_____, for the supply of _____*[name of Contract]* (hereinafter called the “Tender”).

3. NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that if the Principal:
 - a) has withdrawn its Tender during the period of Tender validity set forth in the Principal's Letter of Tender (“the Tender Validity Period”), or any extension thereto provided by the Principal; or

 - b) having been notified of the acceptance of its Tender by the Procuring Entity during the Tender Validity Period or any extension thereto provided by the Principal; (i) failed to execute the Contract agreement; or
 (ii) has failed to furnish the Performance Security, in accordance with the Instructions to tenderers (“ITT”) of the Procuring Entity's Tendering document.

then the Surety undertakes to immediately pay to the Procuring Entity up to the above amount upon receipt of the Procuring Entity's first written demand, without the Procuring Entity having to substantiate its demand, provided that in its demand the Procuring Entity shall state that the demand arises from the occurrence of any of the above events, specifying which event(s) has occurred.

4. The Surety hereby agrees that its obligation will remain in full force and effect up to and including the date 30 days after the date of expiration of the Tender Validity Period set forth in the Principal's Letter of Tender or any extension thereto provided by the Principal.

5. IN TESTIMONY WHEREOF, the Principal and the Surety have caused these presents to be executed in their respective names this _____ day of _____ 20_____.
 _____.

Principal:___ Corporate Seal (where appropriate)

Surety: _____

(Signature)

(Printed name and title)

(Signature)

(Printed name and title)

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

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 signi

PART 2: SUPPLY REQUIREMENTS**SUPPLY AND DELIVERY OF ANALYTICAL AND MOLECULAR LABORATORY REAGENTS CHEMICALS AND CONSUMABLES.****LOT 1: SUPPLY AND DELIVERY OF ANALYTICAL LABORATORY CHEMICALS**

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	DELIVERY PERIOD
1.	Formic acid	HPLC grade with certificate of analysis, (In amber bottles)	2.5L	As and when required
2.	Methanol	HPLC grade, with COA (In amber bottles)	2.5L	As and when required
3.	Acetonitrile HPLC grade 2.5 liters with certificate of analysis	HPLC grade, with COA (In amber bottles)	2.5L	As and when required
4.	Magnesium Sulphate anhydrous,	99% AR with COA	1kg	As and when required
5.	Acetone AR	GPR,	2.5.L	As and when required
6.	Acetone AR	HPLC grade with COA	2.5L	As and when required
7.	Isopropanol	HPLC grade with COA	2.5L	As and when required
8.	Iso octane HPLC grade with COA	HPLC grade with COA	2.5L	As and when required
9.	PSA Bonded silica	99% AR with COA	100g	As and when required
10.	Tri-sodium citrate	99% AR with COA	500g	As and when required
11.	Sodium Hydrogen Citrate Sesquihydrate	99% AR with COA	500g	As and when required
12.	Sodium chloride	99% AR with COA	500g	As and when required
13.	Dichloromethane	HPLC grade, with COA (In amber bottles)	500g	As and when required
14.	Sodium sulphate anhydrous	99% AR with COA	500g	As and when required
15.	Potassium dichromate	AR with certificate of analysis	500g	As and when required
16.	Potassium chromate	AR with certificate of analysis	500g	As and when required
17.	Devardas alloy	AR Grade with certificate of analysis, 100g	100g	As and when required
18.	Barium Chloride	99% AR with certificate of analysis	500g	As and when required

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	DELIVERY PERIOD
19.	Sodium chloride	99% AR with certificate of analysis	500g	As and when required
20.	Sodium hydroxide pellets	99% AR with certificate of analysis	500g	As and when required
21.	Magnesium oxide heavy,	>98% AR, with certificate of analysis	500g	As and when required
22.	Ammonium hydroxide AR	AR, with certificate of analysis	500g	As and when required
23.	Ammonium Chloride AR	AR, with certificate of analysis	500g	As and when required
24.	Sulphuric acid AR	AR, with certificate of analysis	2.5L	As and when required
25.	Magnesium sulphate (MgSO4.4H2O)AR	AR, with certificate of analysis	1Kg	As and when required
26.	Magnesium sulphate (MgSO4.7H2O)AR	AR, with certificate of analysis	1Kg	As and when required
27.	Ethylene di amine tetra acetic acid (EDTA) tetra sodium.	AR, with certificate of analysis	500g	As and when required
28.	Dimethylamine AR	AR, with certificate of analysis	500g	As and when required
29.	Ammonium citrate tribasic AR	AR, with certificate of analysis	500g	As and when required
30.	Citric acid monohydrate AR	AR, with certificate of analysis	500g	As and when required
31.	Di sodium tetraborate decahydrate, AR	AR, with certificate of analysis	500g	As and when required
32.	Ammonium formate AR	AR, with certificate of analysis	500g	As and when required
33.	Nitric acid ,	69% AR with certificate of analysis	2.5L	As and when required
34.	Perchloric acid	AR with certificate of analysis,	2.5L	As and when required
35.	Sucrose	99% AR with certificate of analysis traceable to SI units	500g	As and when required
36.	Activated charcoal	AR, with certificate of analysis	500g	As and when required
37.	Ortho-phosphoric acid AR	AR, with certificate of analysis	500g	As and when required
38.	Potassium periodate AR	AR, with certificate of analysis	500g	As and when required

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	DELIVERY PERIOD
39.	Ammonium vanadate AR	AR, with certificate of analysis	500g	As and when required
40.	Ammonium molybdate AR	AR, with certificate of analysis	500g	As and when required
41.	Copper sulphate tablets AR	AR, with certificate of analysis	500g	As and when required
42.	Boric acid AR, 500g	AR, with certificate of analysis	500g	As and when required
43.	Antibumping granules AR	AR, with certificate of analysis	500g	As and when required
44.	Potassium dihydrogen orthophosphate AR	AR, with certificate of analysis	500g	As and when required
45.	Hydrochloric acid	AR, with certificate of analysis	2.5L	As and when required
46.	Hydrogen peroxide AR	AR, with certificate of analysis	2.5L	As and when required
47.	Gum acacia AR	AR, with certificate of analysis	500g	As and when required
48.	Silver Nitrate AR	AR, with certificate of analysis	100g	As and when required
49.	Phenolphthalein	AR, with certificate of analysis	100g	As and when required
50.	Methyl orange	AR, with certificate of analysis	100g	As and when required
51.	TitanYellow	AR, with certificate of analysis	100g	As and when required
52.	Bromocresol green	AR, with certificate of analysis	100g	As and when required
53.	Methyl red	AR, with certificate of analysis	100g	As and when required
54.	Hydroxylamine hydrochloride	AR, with certificate of analysis	500g	As and when required
55.	Sodium acetate	AR, with certificate of analysis	500g	As and when required
56.	Triethanolamine N	AR, with with certificate of analysis	500g	As and when required
57.	Sulphuric acid ampules e.g., 1N	AR, with with certificate of analysis	500Ml	As and when required
58.	Hydrochloric acid ampules e.g., 1N	AR, with certificate of analysis	500Ml	As and when required

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	DELIVERY PERIOD
59.	95% Ethanol	AR, with certificate of analysis	2.5L	As and when required
60.	Potassium chloride	AR, with certificate of analysis	500g	As and when required
61.	Magnesium oxide (heavy)	AR, with certificate of analysis	500g	As and when required
62.	Copper sulphate tablets	AR, with certificate of analysis	500g	As and when required
63.	Conc sulphuric acid	AR, with certificate of analysis	2.5L	As and when required
64.	Conc perchloric acid	AR, with certificate of analysis	2.5L	As and when required
65.	Absolute ethanol	AR, with certificate of analysis	2.5L	As and when required
66.	Peptone water , 500gm	AR, with certificate of analysis	500g	As and when required
67.	Xylose Lysine	AR, with	500g	As and when required
68.	Deoxycholate ,500gm	certificate of analysis		As and when required
69.	MacConkey broth , 500gm	CM0505 (Purple)	500g	As and when required
70.	TBX medium agar 500g	CM0945	500g	As and when required
71.	Plate count argar	AR	500g	As and when required
72.	Sodium Hypochlorite	12%	5L	As and when required

LOT 2: SUPPLY AND DELIVERY OF ANALYTICAL LABORATORY REAGENT KITS

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	DELIVERY PERIOD
1.	REAGENT HARDNESS MG 0.00-2.00 100T(HI93719-01) RANGE 0 TO 2.0 mg/l	with certificate of analysis	Kit	As and when required
2.	REAGENT HARDNESS TOTAL LR COLORIMETRIC 100T (HI93735-00)	with certificate of analysis	Kit	As and when required

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	DELIVERY PERIOD
3.	REAGENT PHOSPHATE HR (93717-01) 100T RANGE 0 TO 30.0 mg/l	with certificate of analysis	Kit	As and when required
4.	REAGENT NITRITE HR 0-150mg/l 100T (HI93708-01)	with certificate of analysis	Kit	As and when required
5.	REAGENT NITRITE LR 0-0.35 100T (HI93707-01)	with certificate of analysis	Kit	As and when required
6.	REAGENT CHLORINE (FREE) (HI93701-01) 100 T RANGE 0 TO 2.5mg/l	with certificate of analysis	Kit	As and when required
7.	REAGENT CALCIUM 0-2.10 100T (HI93720-01) RANGE 0 TO 2.70mg/l	with certificate of analysis	Kit	As and when required
8.	REAGENT CHLORINE FREE & TOTAL (HI93734-01) 100T RANGE 0 TO 10 mg/l	with certificate of analysis	Kit	As and when required
9.	REAGENT FLUORIDE LR (HI93729-01) RANGE 0 TO 2.0 mg/l; 100T	with certificate of analysis	Kit	As and when required
10.	REAGENT AMMONIA HR (HI93733-01) 100T RANGE 0 TO 100mg/l.	with certificate of analysis	Kit	As and when required
11.	REAGENT AMMONIA MR 0.00-9099 (93715-01) 100 T RANGE 0 TO 9.99mg/l	with certificate of analysis	Kit	As and when required
12.	REAGENT NITRATE 0-30 100T (HI93728-01) RANGE 0 TO 30 .0 mg/l	with certificate of analysis	Kit	As and when required
13.	REAGENT SILICA LR 0-2.00 mg/l 100T (HI93705-01)	with certificate of analysis	Kit	As and when required
14.	REAGENT COD HR 0-15000mg/l 25T (HI93754C-25)	with certificate of analysis	Kit	As and when required
15.	REAGENT COD MR 0-1500mg/l 25	with certificate of analysis	Kit	As and when required

LOT 3: SUPPLY AND DELIVERY OF ANALYTICAL LABORATORY CONSUMABLES

No	Item	Description	Unit of measure	DELIVERY PERIOD
1.	Eppendorf Pipette tips	1ml blue - 1000/pkt	packet	As and when required

No	Item	Description	Unit of measure	DELIVERY PERIOD
2.	Eppendorf Pipette tips	200µl yellow - 1000/pkt	Packet	As and when required
3.	Clear vials	with PTFE /silicone septa screw caps, 2ml graduated, with write on spot. 100/pkt	pkts	As and when required
4.	Amber vials with PTFE /silicone septa screw caps, 2ml graduated, with write on spo, 100/pkt.	with PTFE /silicone septa screw caps, 2ml graduated, with write on spot. 100/pkt	Pkts	As and when required
5.	Filter papers,	No.1, 125mm diameter Whatman	pkts	As and when required
6.	Paper towels	Large (kitchen towel white)	pair	As and when required
7.	Disposable Inoculating loops ,	1 µL, @ 1 piece	pkts	As and when required
8.	Gloves,	powder free		As and when required
9.	Sample containers	As per sample	pcs	As and when required
10.	Aluminium foil	Large size	pcs	As and when required
11.	Plastic Petry dishes	plastic	pcs	As and when required
12.	CUVETTES WITHOUT CAP	HI937XX &832XX (HI731321) (GLASS) HANNA	pcs	As and when required
13.	CUVETTE CAPS	.HI937XX (HI731325) OR832XX (731325N)	pcs	As and when required

LOT 4: SUPPLY AND DELIVERY OF ANALYTICAL LABORATORY STANDARDS

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	Delivery period
1.	Soil/Water Standards			
2.	1000mg/l Na,	with certificate of analysis traceable to SI units	500ML solution	As and when required
3.	1000 mg/l K,	with certificate of analysis traceable to SI units	500ML solution	

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	Delivery period
4.	1000 mg/l Ca.	with certificate of analysis traceable to SI units	500ML solution	
5.	1000 mg/l Cu.	with certificate of analysis traceable to SI units	500ML solution	
6.	1000 mg/l Fe	with certificate of analysis traceable to SI units	500ML solution	
7.	1000 mg/l Zn.	with certificate of analysis traceable to SI units	500ML solution	
8.	1000 mg/l K,	with certificate of analysis traceable to SI units	500ML solution	
9.	1000 mg/l Ca.	with certificate of analysis traceable to SI units	500ML solution	
10.	1000 mg/l Cu.	with certificate of analysis traceable to SI units	500ML solution	
11.	1000 mg/l Zn.	with certificate of analysis traceable to SI units	500ML solution	
12.	1000mg/l Na,	with certificate of analysis traceable to SI units	500ML solution	
13.	1000 mg/l Co	with certificate of analysis traceable to SI units	500ML solution	
14.	1000 mg/l B	with certificate of analysis traceable to SI units	500ML solution	
15.	1000 mg/l Pb	with certificate of analysis traceable to SI units	500ML solution	
16.	Heavy Metal Standards			
17.	1000 mg/l Se	with certificate of analysis traceable to SI units	500ML solution	
18.	1000 mg/l Mg	with certificate of analysis traceable to SI units	500ML solution	
19.	1000 mg/l Cr	with certificate of analysis traceable to SI units	500ML solution	

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	Delivery period
20.	1000 mg/l Hg	with certificate of analysis traceable to SI units	500ML solution	
21.	1000 mg/l Cd	with certificate of analysis traceable to SI units	500ML solution	
22.	1000 mg/l As	with certificate of analysis traceable to SI units	500ML solution	
23.	1000 mg/l Al	with certificate of analysis traceable to SI units	500ML solution	
24.	1000 mg/l Mo	with certificate of analysis traceable to SI units	500ML solution	
25.	1000 mg/l Ag	with certificate of analysis traceable to SI units	500ML solution	
26.	1000 mg/l Fe	with certificate of analysis traceable to SI units	500ML solution	
27.	1000 mg/l Sn	with certificate of analysis traceable to SI units	500ML solution	
28.	1000 mg/l Y	with certificate of analysis traceable to SI units	500ML solution	
29.	1000 mg/l Mn	with certificate of analysis traceable to SI units	500ML solution	
30.	Buffer solutions with certificate of analysis traceable to SI units	with certificate of analysis traceable to SI units	500ML solution	
31.	PH 7.01 AT 25XC (HI7007L)	with certificate of analysis traceable to SI units	500ML solution	
32.	PH4.01 AT 25XC HI7004L)	with certificate of analysis traceable to SI units	500ML solution	
33.	PH 10.01 HI7010L	with certificate of analysis traceable to SI units	500ML solution	
34.	EC Calibration Standards	with certificate of analysis traceable to SI units	500ML solution	
35.	CONDUCTIVITY CALIBRATION 84uS/CM(HI7033L)	with certificate of analysis traceable to SI units	500ML solution	

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	Delivery period
36.	CONDUCTIVITY CALIBRATION 1413uS/CM (HI7031L)	with certificate of analysis traceable to SI units	500ML solution	
37.	CONDUCTIVITY CALIBRATION 12880uS/CM(HI7030L)	with certificate of analysis traceable to SI units	500ML solution	
38.	CLEANING GENERAL PURPOSE (HI7061L)	with certificate of analysis traceable to SI units	500ML solution	
1.	STORAGE PH/ORP ELECTRODE(HI70300L)	with certificate of analysis traceable to SI units	500ML solution	
2.	Mycotoxin standards	with certificate of analysis traceable to SI units		
3.	Aflatoxin B1	25 ppm	4 ml	
4.	Aflatoxin B2	25 ppm	4 ml	
5.	Aflatoxin G1	25 ppm	4 ml	
6.	Aflatoxin G2	25 ppm	4 ml	
7.	Ochratoxin A	50 ppm	2 ml	
8.	Fumonisin B1	200 ppm	1 ml	
9.	Fumonisin B2	200 ppm	1 ml	
10.	Microbiological organism with certificate of analysis traceable to SI units	REFERENCE CULTURE		
11.	E. coli	ATCC 25922	grams	
12.	Staphylococcus aureus	ATCC 6538	grams	
13.	Listeria monocytogenes	ATCC 19115	grams	
14.	Salmonella enterica	ATCC 14028	grams	
15.	Aspergillus brasiliensis	ATCC 16404	grams	
16.	Rhizopus	ATCC 20577	grams	
17.				
18.				
19.	PESTICIDES RESIDUES			
20.	1,3 Dichloropropane	with certificate of analysis traceable to SI units	0.1g	
21.	1H-1,2,4-Triazole	with certificate of analysis traceable to SI units	0.1g	
22.	2, phenyl Phenol	with certificate of analysis traceable to SI units	0.1g	
23.	2,2-Dichloropropane	with certificate of analysis traceable to SI units	0.1g	

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	Delivery period
24.	2,4 D	with certificate of analysis traceable to SI units	0.1g	
25.	2,4-DB dimethylamine salt	with certificate of analysis traceable to SI units	0.1g	
26.	2,4-DDD	with certificate of analysis traceable to SI units	0.1g	
27.	2,4-DDE	with certificate of analysis traceable to SI units	0.1g	
28.	2,4-D-dimethylamine salt	with certificate of analysis traceable to SI units	0.1g	
29.	2,4-DDT	with certificate of analysis traceable to SI units	0.1g	
30.	2,4-Dichlorophenoxy Acet Acid	with certificate of analysis traceable to SI units	0.1g	
31.	3,4'-Dichloroaniline	with certificate of analysis traceable to SI units	0.1g	
32.	3-OH carbofuran	with certificate of analysis traceable to SI units	0.1g	
33.	4 pheny phenol	with certificate of analysis traceable to SI units	0.1g	
34.	4,4 methoxychlor olefin	with certificate of analysis traceable to SI units	0.1g	
35.	4,4'-Dichlorobenzophenone	with certificate of analysis traceable to SI units	0.1g	
36.	4,4'-Methoxychlor olefin	with certificate of analysis traceable to SI units	0.1g	
37.	4,4-DDD	with certificate of analysis traceable to SI units	0.1g	
38.	4,4-DDE	with certificate of analysis traceable to SI units	0.1g	
39.	4,4-DDT	with certificate of analysis traceable to SI units	0.1g	

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	Delivery period
40.	4-n-Nonylphenol	with certificate of analysis traceable to SI units	0.1g	
41.	4-Nonylphenol-mono-ethoxylate	with certificate of analysis traceable to SI units	0.1g	
42.	4-Octylphenol-di-ethoxylate	with certificate of analysis traceable to SI units	0.1g	
43.	4-Octylphenol-ethoxylate(technical)(Penta)	with certificate of analysis traceable to SI units	0.1g	
44.	Abamectine	with certificate of analysis traceable to SI units	0.1g	
45.	Acephate	with certificate of analysis traceable to SI units	0.1g	
46.	Acephate D6	with certificate of analysis traceable to SI units	0.1g	
47.	Acequinocyl	with certificate of analysis traceable to SI units	0.1g	
48.	Acetamiprid	with certificate of analysis traceable to SI units	0.1g	
49.	Acetochlor	with certificate of analysis traceable to SI units	0.1g	
50.	Aclonifen	with certificate of analysis traceable to SI units	0.1g	
51.	Acrinathrin	with certificate of analysis traceable to SI units	0.1g	
52.	Alachlor	with certificate of analysis traceable to SI units	0.1g	
27.	Aldicarb	with certificate of analysis traceable to SI units	0.1g	
28.	Aldicarb – sulfon	with certificate of analysis traceable to SI units	0.1g	
29.	Aldicarb – sulfoxide	with certificate of analysis traceable to SI units	0.1g	

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	Delivery period
30.	Aldrin(HHDN)	with certificate of analysis traceable to SI units	0.1g	
31.	Alidochlor	with certificate of analysis traceable to SI units	0.1g	
32.	Alletherin	with certificate of analysis traceable to SI units	0.1g	
33.	Allethrin(Sigma)	with certificate of analysis traceable to SI units	0.1g	
34.	Alpha BHC	with certificate of analysis traceable to SI units	0.1g	
35.	Alpha Chlordane	with certificate of analysis traceable to SI units	0.1g	
36.	Alpha Chlordane	with certificate of analysis traceable to SI units	0.1g	
37.	Alpha-cypermethrin	with certificate of analysis traceable to SI units	0.1g	
38.	Alpha-Endosulfan	with certificate of analysis traceable to SI units	0.1g	
39.	Alpha-HCH	with certificate of analysis traceable to SI units	0.1g	
40.	Ametoctradin	with certificate of analysis traceable to SI units	0.1g	
41.	Ametryn	with certificate of analysis traceable to SI units	0.1g	
42.	Amitraz	with certificate of analysis traceable to SI units	0.1g	
43.	Aniline	with certificate of analysis traceable to SI units	0.1g	
44.	Anthraquinone	with certificate of analysis traceable to SI units	0.1g	
45.	Arclor1221	with certificate of analysis traceable to SI units	0.1g	

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	Delivery period
46.	Arochlor 1254	with certificate of analysis traceable to SI units	0.1g	
47.	Arochlor 1260	with certificate of analysis traceable to SI units	0.1g	
48.	Atrazine	with certificate of analysis traceable to SI units	0.1g	
49.	Azaconazole	with certificate of analysis traceable to SI units	0.1g	
50.	Azadirachtin B	with certificate of analysis traceable to SI units	0.1g	
51.	Azadirachtin A(P)	with certificate of analysis traceable to SI units	0.1g	
52.	Azinphos-methyl	with certificate of analysis traceable to SI units	0.1g	
53.	Azoxystrobin	with certificate of analysis traceable to SI units	0.1g	
54.	Benalaxyl-M	with certificate of analysis traceable to SI units	0.1g	
55.	Benfluralin	with certificate of analysis traceable to SI units	0.1g	
56.	Benfuracarb	with certificate of analysis traceable to SI units	0.1g	
57.	Benomyl	with certificate of analysis traceable to SI units	0.1g	
58.	Bentazone	with certificate of analysis traceable to SI units	0.1g	
59.	Bentazone	with certificate of analysis traceable to SI units	0.1g	
60.	Bentazone-8-hydrox	with certificate of analysis traceable to SI units	0.1g	
61.	beta BHC	with certificate of analysis traceable to SI units	0.1g	

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	Delivery period
62.	beta Cyfluthrin	with certificate of analysis traceable to SI units	0.1g	
63.	beta Endosulphan	with certificate of analysis traceable to SI units	0.1g	
64.	beta-BHC	with certificate of analysis traceable to SI units	0.1g	
65.	beta-Cypermethrin	with certificate of analysis traceable to SI units	0.1g	
66.	beta-Endosulfan	with certificate of analysis traceable to SI units	0.1g	
67.	beta-HCH	with certificate of analysis traceable to SI units	0.1g	
68.	Bifenazate	with certificate of analysis traceable to SI units	0.1g	
69.	Bifenthrin	with certificate of analysis traceable to SI units	0.1g	
70.	Bioallethrin	with certificate of analysis traceable to SI units	0.1g	
71.	Bioresmethrin	with certificate of analysis traceable to SI units	0.1g	
72.	Biphenyl	with certificate of analysis traceable to SI units	0.1g	
73.	Bistrifluron	with certificate of analysis traceable to SI units	0.1g	
74.	Biteratanol	with certificate of analysis traceable to SI units	0.1g	
75.	Biteratanol(Sigma)	with certificate of analysis traceable to SI units	0.1g	
76.	Boscalid	with certificate of analysis traceable to SI units	0.1g	
77.	Brodifacoum	with certificate of analysis traceable to SI units	0.1g	

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	Delivery period
78.	Bromacil	with certificate of analysis traceable to SI units	0.1g	
79.	Bromadiolone	with certificate of analysis traceable to SI units	0.1g	
80.	Bromofenvinphos-methyl	with certificate of analysis traceable to SI units	0.1g	
81.	Bromophos Methyl	with certificate of analysis traceable to SI units	0.1g	
82.	Bromophos-ethyl	with certificate of analysis traceable to SI units	0.1g	
83.	Bromoprophyllate	with certificate of analysis traceable to SI units	0.1g	
84.	Bromoxynil	with certificate of analysis traceable to SI units	0.1g	
85.	Bromoxynil-Octanoate	with certificate of analysis traceable to SI units	0.1g	
86.	Bromuconazole (sum of diastereoisomers)	with certificate of analysis traceable to SI units	0.1g	
87.	Bupirimate	with certificate of analysis traceable to SI units	0.1g	
88.	Buprofezin	with certificate of analysis traceable to SI units	0.1g	
89.	BY108330 enol-glucoside	with certificate of analysis traceable to SI units	0.1g	
90.	BY108330- ketohydroxy	with certificate of analysis traceable to SI units	0.1g	
91.	BY108330-enol	with certificate of analysis traceable to SI units	0.1g	
92.	Captan	with certificate of analysis traceable to SI units	0.1g	

93.	Carbaryl	with certificate of analysis traceable to SI units	0.1g	
94.	Carbendazim	with certificate of analysis traceable to SI units	0.1g	
95.	Carbendazime D3	with certificate of analysis traceable to SI units	0.1g	
96.	Carbofuran	with certificate of analysis traceable to SI units	0.1g	
97.	Carbofuran-3-hydroxy	with certificate of analysis traceable to SI units	0.1g	
98.	Carbophenothrin	with certificate of analysis traceable to SI units	0.1g	
99.	Carbosulfan	with certificate of analysis traceable to SI units	0.1g	
100.	Carbosulphan(Sigma)	with certificate of analysis traceable to SI units	0.1g	
101.	Carboxin	with certificate of analysis traceable to SI units	0.1g	
102.	Carboxin(Sigma)	with certificate of analysis traceable to SI units	0.1g	
103.	Carfentrazone-ethyl	with certificate of analysis traceable to SI units	0.1g	
104.	Cartap Hydrochloride	with certificate of analysis traceable to SI units	0.1g	
105.	Chlomazone	with certificate of analysis traceable to SI units	0.1g	

106.	Chlorantraniliprole	with certificate of analysis traceable to SI units	0.1g	
107.	Chlorbenzide	with certificate of analysis traceable to SI units	0.1g	
108.	Chlordane (technical)	with certificate of analysis traceable to SI units	0.1g	
109.	Chlorfenapyr	with certificate of analysis traceable to SI units	0.1g	
110.	Chlorfenson	with certificate of analysis traceable to SI units	0.1g	
111.	Chlorfenvinphos	with certificate of analysis traceable to SI units	0.1g	
112.	Chlorobenzilate	with certificate of analysis traceable to SI units	0.1g	
113.	Chloroneb	with certificate of analysis traceable to SI units	0.1g	
114.	Chlorothalonil	with certificate of analysis traceable to SI units	0.1g	
115.	Chlorpropham	with certificate of analysis traceable to SI units	0.1g	
116.	Chlorpyrifos	with certificate of analysis traceable to SI units	0.1g	
117.	Chlorpyrifos methyl D6	with certificate of analysis traceable to SI units	0.1g	
118.	Chlorpyrifos-Methyl	with certificate of analysis traceable to SI units	0.1g	

119.	Chlorsulfuron	with certificate of analysis traceable to SI units	0.1g	
120.	Chlorthal Dimethyl	with certificate of analysis traceable to SI units	0.1g	
121.	Chlorthiophos	with certificate of analysis traceable to SI units	0.1g	
122.	Chlozolate	with certificate of analysis traceable to SI units	0.1g	
123.	Cis chordane	with certificate of analysis traceable to SI units	0.1g	
124.	cis nonachlor	with certificate of analysis traceable to SI units	0.1g	
125.	Cis-1,2,3,6-Tetrahydrothalimide	with certificate of analysis traceable to SI units	0.1g	
126.	Clethodim	with certificate of analysis traceable to SI units	0.1g	
127.	Clofentezine	with certificate of analysis traceable to SI units	0.1g	
128.	Clopyralid	with certificate of analysis traceable to SI units	0.1g	
129.	Clothianidin	with certificate of analysis traceable to SI units	0.1g	
130.	Copper Oxychloride	with certificate of analysis traceable to SI units	0.1g	
131.	Coumaphos	with certificate of analysis traceable to SI units	0.1g	

132.	Coumatetralyl	with certificate of analysis traceable to SI units	0.1g	
133.	Cyanazine	with certificate of analysis traceable to SI units	0.1g	
134.	Cyanophos	with certificate of analysis traceable to SI units	0.1g	
135.	Cyantraniliprole	with certificate of analysis traceable to SI units	0.1g	
136.	Cycloate	with certificate of analysis traceable to SI units	0.1g	
137.	Cyflufenamid	with certificate of analysis traceable to SI units	0.1g	
138.	Cyflumetofen	with certificate of analysis traceable to SI units	0.1g	
139.	Cyflumetofen	with certificate of analysis traceable to SI units	0.1g	
140.	Cyfluthrin	with certificate of analysis traceable to SI units	0.1g	
141.	Cymoxanil	with certificate of analysis traceable to SI units	0.1g	
142.	Cypermethrin	with certificate of analysis traceable to SI units	0.1g	
143.	Cypermethrin (Technical)	with certificate of analysis traceable to SI units	0.1g	
144.	Cyphenothrin	with certificate of analysis traceable to SI units	0.1g	

145.	Cyproconazole	with certificate of analysis traceable to SI units	0.1g	
146.	Cyprodinil	with certificate of analysis traceable to SI units	0.1g	
147.	Cyromazine	with certificate of analysis traceable to SI units	0.1g	
148.	Dalapon	with certificate of analysis traceable to SI units	0.1g	
149.	D-Allethrin	with certificate of analysis traceable to SI units	0.1g	
150.	Daminozide	with certificate of analysis traceable to SI units	0.1g	
151.	Dazomet	with certificate of analysis traceable to SI units	0.1g	
152.	DDT (technical)	with certificate of analysis traceable to SI units	0.1g	
153.	Decafluorobenzophenone	with certificate of analysis traceable to SI units	0.1g	
154.	Delta-HCH	with certificate of analysis traceable to SI units	0.1g	
155.	Deltamethin (Cis Deltermethrin)	with certificate of analysis traceable to SI units	0.1g	
156.	Deltamethrin D6	with certificate of analysis traceable to SI units	0.1g	
157.	Demeton-S- methylsulfone	with certificate of analysis traceable to SI units	0.1g	

158.	Desmethyl pirimicarb	with certificate of analysis traceable to SI units	0.1g	
159.	Diafenthiuron	with certificate of analysis traceable to SI units	0.1g	
160.	Dialifos	with certificate of analysis traceable to SI units	0.1g	
161.	Diazinon	with certificate of analysis traceable to SI units	0.1g	
162.	Dichlobenil	with certificate of analysis traceable to SI units	0.1g	
163.	Dichlofenthion	with certificate of analysis traceable to SI units	0.1g	
164.	Dichlofluanid	with certificate of analysis traceable to SI units	0.1g	
165.	Dichloroaniline,3,4	with certificate of analysis traceable to SI units	0.1g	
166.	Dichlorobenzophenone 4,4	with certificate of analysis traceable to SI units	0.1g	
167.	Dichlorvos	with certificate of analysis traceable to SI units	0.1g	
168.	Dichlorvos D6	with certificate of analysis traceable to SI units	0.1g	
169.	Diclofop-Methyl	with certificate of analysis traceable to SI units	0.1g	
170.	Dicloran	with certificate of analysis traceable to SI units	0.1g	

171.	Dicofol	with certificate of analysis traceable to SI units	0.1g	
172.	Didecyl dimethylammonium chloride	with certificate of analysis traceable to SI units	0.1g	
173.	Dieldrin	with certificate of analysis traceable to SI units	0.1g	
174.	Dienochlor	with certificate of analysis traceable to SI units	0.1g	
175.	Diethofencarb	with certificate of analysis traceable to SI units	0.1g	
176.	Difenoconazole	with certificate of analysis traceable to SI units	0.1g	
177.	Difenoconazole D6	with certificate of analysis traceable to SI units	0.1g	
178.	Difethialone	with certificate of analysis traceable to SI units	0.1g	
179.	Diflubenzuron	with certificate of analysis traceable to SI units	0.1g	
180.	Dimefuron	with certificate of analysis traceable to SI units	0.1g	
181.	Dimethachlor	with certificate of analysis traceable to SI units	0.1g	
182.	Dimethenamid	with certificate of analysis traceable to SI units	0.1g	
183.	Dimethoate	with certificate of analysis traceable to SI units	0.1g	

184.	Dimethoate D6	with certificate of analysis traceable to SI units	0.1g	
185.	Dimethomorp	with certificate of analysis traceable to SI units	0.1g	
186.	Dimethylaminosulfotoluidide (DMST)	with certificate of analysis traceable to SI units	0.1g	
187.	Diniconazole	with certificate of analysis traceable to SI units	0.1g	
188.	Dinotefuran	with certificate of analysis traceable to SI units	0.1g	
189.	Diphenamide	with certificate of analysis traceable to SI units	0.1g	
190.	Diphenylamine	with certificate of analysis traceable to SI units	0.1g	
191.	Diquat dibromide monohydrate	with certificate of analysis traceable to SI units	0.1g	
192.	Disulfoton	with certificate of analysis traceable to SI units	0.1g	
193.	Disulfoton sulfoxide	with certificate of analysis traceable to SI units	0.1g	
194.	Dithianon	with certificate of analysis traceable to SI units	0.1g	
195.	Diuron	with certificate of analysis traceable to SI units	0.1g	
196.	Dodemorph	with certificate of analysis traceable to SI units	0.1g	

197.	D-trans-Phenothrin	with certificate of analysis traceable to SI units	0.1g	
198.	Edifenphos	with certificate of analysis traceable to SI units	0.1g	
199.	Emamectin benzoate	with certificate of analysis traceable to SI units	0.1g	
200.	Endosulfan	with certificate of analysis traceable to SI units	0.1g	
201.	Endosulfan alpha	with certificate of analysis traceable to SI units	0.1g	
202.	Endosulfan beta	with certificate of analysis traceable to SI units	0.1g	
203.	Endosulphan sulphate	with certificate of analysis traceable to SI units	0.1g	
204.	Endrin	with certificate of analysis traceable to SI units	0.1g	
205.	Endrin aldehyde	with certificate of analysis traceable to SI units	0.1g	
206.	Endrin ketone	with certificate of analysis traceable to SI units	0.1g	
207.	EPN	with certificate of analysis traceable to SI units	0.1g	
208.	Epoxiconazole	with certificate of analysis traceable to SI units	0.1g	
209.	Esbiothrin	with certificate of analysis traceable to SI units	0.1g	

210.	Esfenvalerate	with certificate of analysis traceable to SI units	0.1g	
211.	Ethaboxam	with certificate of analysis traceable to SI units	0.1g	
212.	Ethalflurazin	with certificate of analysis traceable to SI units	0.1g	
213.	Ethephon	with certificate of analysis traceable to SI units	0.1g	
214.	Ethion	with certificate of analysis traceable to SI units	0.1g	
215.	Ethirimol	with certificate of analysis traceable to SI units	0.1g	
216.	Ethoprophos	with certificate of analysis traceable to SI units	0.1g	
217.	Ethylan(perthane)	with certificate of analysis traceable to SI units	0.1g	
218.	Etofenprox	with certificate of analysis traceable to SI units	0.1g	
219.	Etoxazole	with certificate of analysis traceable to SI units	0.1g	
220.	Etridiazole	with certificate of analysis traceable to SI units	0.1g	
221.	Etrimfos	with certificate of analysis traceable to SI units	0.1g	
222.	Eugenol-methyl ether	with certificate of analysis traceable to SI units	0.1g	

223.	Famoxadone	with certificate of analysis traceable to SI units	0.1g	
224.	Fenamidone	with certificate of analysis traceable to SI units	0.1g	
225.	Fenamiphos	with certificate of analysis traceable to SI units	0.1g	
226.	Fenamiphos – sulfone	with certificate of analysis traceable to SI units	0.1g	
227.	Fenamiphos – sulfoxide	with certificate of analysis traceable to SI units	0.1g	
228.	Fenarimol	with certificate of analysis traceable to SI units	0.1g	
229.	Fenazaquin	with certificate of analysis traceable to SI units	0.1g	
230.	Fenbuconazole	with certificate of analysis traceable to SI units	0.1g	
231.	Fenbutatin Oxide	with certificate of analysis traceable to SI units	0.1g	
232.	Fenhexamid	with certificate of analysis traceable to SI units	0.1g	
233.	Fenitrothion	with certificate of analysis traceable to SI units	0.1g	
234.	Fenochlorphos	with certificate of analysis traceable to SI units	0.1g	
235.	Fenophos	with certificate of analysis traceable to SI units	0.1g	

236.	Fenoxaprop- ethyl	with certificate of analysis traceable to SI units	0.1g	
237.	Fenoxaprop-p-ethyl(R-enantiomer)	with certificate of analysis traceable to SI units	0.1g	
238.	Fenoxycarb		0.1g	
239.	Fenpropathrin	with certificate of analysis traceable to SI units	0.1g	
240.	Fenpropidin	with certificate of analysis traceable to SI units	0.1g	
241.	Fenpropimorph	with certificate of analysis traceable to SI units	0.1g	
242.	Fenpyrazamine	with certificate of analysis traceable to SI units	0.1g	
243.	Fenproximate (E)	with certificate of analysis traceable to SI units	0.1g	
244.	Fenpyroximate	with certificate of analysis traceable to SI units	0.1g	
245.	Fenpyroximate (E)	with certificate of analysis traceable to SI units	0.1g	
246.	Fenson	with certificate of analysis traceable to SI units	0.1g	
247.	Fenthion	with certificate of analysis traceable to SI units	0.1g	
248.	Fenthion Oxon	with certificate of analysis traceable to SI units	0.1g	

249.	Fenthion oxon sulfone	with certificate of analysis traceable to SI units	0.1g	
250.	Fenthion oxon sulfoxide	with certificate of analysis traceable to SI units	0.1g	
251.	Fenthion sulfone	with certificate of analysis traceable to SI units	0.1g	
252.	Fenthion sulfoxide	with certificate of analysis traceable to SI units	0.1g	
253.	Fenvalerate	with certificate of analysis traceable to SI units	0.1g	
254.	Fipronil	with certificate of analysis traceable to SI units	0.1g	
255.	Fipronil sulfone	with certificate of analysis traceable to SI units	0.1g	
256.	Flocoumafen	with certificate of analysis traceable to SI units	0.1g	
257.	Flonicamid	with certificate of analysis traceable to SI units	0.1g	
258.	Florasulam	with certificate of analysis traceable to SI units	0.1g	
259.	Fluazipfop p butyl	with certificate of analysis traceable to SI units	0.1g	
260.	Flubendiamide	with certificate of analysis traceable to SI units	0.1g	
261.	Fluchloralin	with certificate of analysis traceable to SI units	0.1g	

262.	Flucythrinate	with certificate of analysis traceable to SI units	0.1g	
263.	Fludioxonil	with certificate of analysis traceable to SI units	0.1g	
264.	Flufenacet	with certificate of analysis traceable to SI units	0.1g	
265.	Flufenoxuron	with certificate of analysis traceable to SI units	0.1g	
266.	Flumethrin	with certificate of analysis traceable to SI units	0.1g	
267.	Fluopicolide	with certificate of analysis traceable to SI units	0.1g	
268.	Fluopyram	with certificate of analysis traceable to SI units	0.1g	
269.	Fluquinconazole	with certificate of analysis traceable to SI units	0.1g	
270.	Flurasulam	with certificate of analysis traceable to SI units	0.1g	
271.	Fluridone	with certificate of analysis traceable to SI units	0.1g	
272.	Fluroxypyr	with certificate of analysis traceable to SI units	0.1g	
273.	Flusilazole	with certificate of analysis traceable to SI units	0.1g	
274.	Flutolanil		0.1g	

275.	Flutriafol	with certificate of analysis traceable to SI units	0.1g	
276.	Fluxapyroxad	with certificate of analysis traceable to SI units	0.1g	
277.	Folpet	with certificate of analysis traceable to SI units	0.1g	
278.	Fonophos	with certificate of analysis traceable to SI units	0.1g	
279.	Formetanate	with certificate of analysis traceable to SI units	0.1g	
280.	Fosetyl -aluminium	with certificate of analysis traceable to SI units	0.1g	
281.	Fosthiazate	with certificate of analysis traceable to SI units	0.1g	
282.	Furathiocarb	with certificate of analysis traceable to SI units	0.1g	
283.	Furilazole	with certificate of analysis traceable to SI units	0.1g	
284.	gamma BHC	with certificate of analysis traceable to SI units	0.1g	
285.	gamma-HCH (LINDANE)	with certificate of analysis traceable to SI units	0.1g	
286.	Glufosinat ammonium	with certificate of analysis traceable to SI units	0.1g	
287.	Glyphosate	with certificate of analysis traceable to SI units	0.1g	

288.	Glyphosate, isopropylamine salt	with certificate of analysis traceable to SI units	0.1 g	
289.	Heptachlor	with certificate of analysis traceable to SI units	0.1 g	
290.	Heptachlor-endo-epoxide(trans-Isomer A)	with certificate of analysis traceable to SI units	0.1 g	
291.	Heptachlor-exo-epoxide(cis-Isomer B)	with certificate of analysis traceable to SI units	0.1 g	
292.	Hexachlorobenzene	with certificate of analysis traceable to SI units	0.1 g	
293.	Hexaconazole	with certificate of analysis traceable to SI units	0.1 g	
294.	Hexazinone	with certificate of analysis traceable to SI units	0.1 g	
295.	Hexythiazox	with certificate of analysis traceable to SI units	0.1 g	
296.	Imazalil	with certificate of analysis traceable to SI units	0.1 g	
297.	Imazapic	with certificate of analysis traceable to SI units	0.1 g	
298.	Imazapyr	with certificate of analysis traceable to SI units	0.1 g	
299.	Imidacloprid	with certificate of analysis traceable to SI units	0.1 g	
300.	Iminoctadine tris(albesilate)	with certificate of analysis traceable to SI units	0.1 g	

301.	Imiprothrin	with certificate of analysis traceable to SI units	0.1g	
302.	Indoxacarb	with certificate of analysis traceable to SI units	0.1g	
303.	Iodofenfos	with certificate of analysis traceable to SI units	0.1g	
304.	Iprodione	with certificate of analysis traceable to SI units	0.1g	
305.	Iprovalicarb	with certificate of analysis traceable to SI units	0.1g	
306.	Isocarbophos	with certificate of analysis traceable to SI units	0.1g	
307.	Isodrin	with certificate of analysis traceable to SI units	0.1g	
308.	Isofenphos-methyl	with certificate of analysis traceable to SI units	0.1g	
309.	Isopropalin	with certificate of analysis traceable to SI units	0.1g	
310.	Isoprothiolane	with certificate of analysis traceable to SI units	0.1g	
311.	Isoxaflutole	with certificate of analysis traceable to SI units	0.1g	
312.	Isozafos	with certificate of analysis traceable to SI units	0.1g	
313.	Kresoxim-Methyl	with certificate of analysis traceable to SI units	0.1g	

314.	Lambda-Cyhalothrin	with certificate of analysis traceable to SI units	0.1g	
315.	Lenacil	with certificate of analysis traceable to SI units	0.1g	
316.	Leptofos	with certificate of analysis traceable to SI units	0.1g	
317.	Linuron	with certificate of analysis traceable to SI units	0.1g	
318.	Lufenuron	with certificate of analysis traceable to SI units	0.1g	
319.	Malaoxon	with certificate of analysis traceable to SI units	0.1g	
320.	Malathion	with certificate of analysis traceable to SI units	0.1g	
321.	Malathion D10	with certificate of analysis traceable to SI units	0.1g	
322.	Mancozeb	with certificate of analysis traceable to SI units	0.1g	
323.	Mandipropamid	with certificate of analysis traceable to SI units	0.1g	
324.	MCPA	with certificate of analysis traceable to SI units	0.1g	
325.	Mecarbam	with certificate of analysis traceable to SI units	0.1g	
326.	Mecoprop-P	with certificate of analysis traceable to SI units	0.1g	

327.	Melamine	with certificate of analysis traceable to SI units	0.1g	
328.	Mepanipyrim	with certificate of analysis traceable to SI units	0.1g	
329.	Mesotrione	with certificate of analysis traceable to SI units	0.1g	
330.	Metaflumizone (sum of E- and Z-isomers)	with certificate of analysis traceable to SI units	0.1g	
331.	Metalaxyl	with certificate of analysis traceable to SI units	0.1g	
332.	Metalaxyl-M	with certificate of analysis traceable to SI units	0.1g	
333.	Metalochlor	with certificate of analysis traceable to SI units	0.1g	
334.	Metazachlor	with certificate of analysis traceable to SI units	0.1g	
335.	Methacrifos	with certificate of analysis traceable to SI units	0.1g	
336.	Methamidophos	with certificate of analysis traceable to SI units	0.1g	
337.	Methidathion	with certificate of analysis traceable to SI units	0.1g	
338.	Methiocarb	with certificate of analysis traceable to SI units	0.1g	
339.	Methiocarb sulfone	with certificate of analysis traceable to SI units	0.1g	

340.	Methiocarb sulfoxide	with certificate of analysis traceable to SI units	0.1g	
341.	Methomyl	with certificate of analysis traceable to SI units	0.1g	
342.	Methoxychlor	with certificate of analysis traceable to SI units	0.1g	
343.	Methoxyfenoxide	with certificate of analysis traceable to SI units	0.1g	
344.	Metiram	with certificate of analysis traceable to SI units	0.1g	
345.	Metofluthrin	with certificate of analysis traceable to SI units	0.1g	
346.	Metominostrobin (E)	with certificate of analysis traceable to SI units	0.1g	
347.	Metrafenone	with certificate of analysis traceable to SI units	0.1g	
348.	Metribuzin	with certificate of analysis traceable to SI units	0.1g	
349.	Mevinphos	with certificate of analysis traceable to SI units	0.1g	
350.	MGK 264	with certificate of analysis traceable to SI units	0.1g	
351.	MGK 264 1&2	with certificate of analysis traceable to SI units	0.1g	
352.	Milbemectin A3	with certificate of analysis traceable to SI units	0.1g	

353.	Milbemectin A4	with certificate of analysis traceable to SI units	0.1g	
354.	Mirex	with certificate of analysis traceable to SI units	0.1g	
355.	Monocrotophos	with certificate of analysis traceable to SI units	0.1g	
356.	Myclobutanyl	with certificate of analysis traceable to SI units	0.1g	
357.	N-2,4-Dimethylphenyl-N-methylformamidine	with certificate of analysis traceable to SI units	0.1g	
358.	n-Docosane	with certificate of analysis traceable to SI units	0.1g	
359.	Nicosulfuron	with certificate of analysis traceable to SI units	0.1g	
360.	Nicotine	with certificate of analysis traceable to SI units	0.1g	
361.	Nitralin	with certificate of analysis traceable to SI units	0.1g	
362.	NitroFen	with certificate of analysis traceable to SI units	0.1g	
363.	Nonachlor	with certificate of analysis traceable to SI units	0.1g	
364.	Novaluron	with certificate of analysis traceable to SI units	0.1g	
365.	Omethoate	with certificate of analysis traceable to SI units	0.1g	

366.	Orthophenylphenol (Free compound only)	with certificate of analysis traceable to SI units	0.1g	
367.	Oxadiazon	with certificate of analysis traceable to SI units	0.1g	
368.	Oxadixyl	with certificate of analysis traceable to SI units	0.1g	
369.	Oxamyl	with certificate of analysis traceable to SI units	0.1g	
370.	Oxamyl-oxime	with certificate of analysis traceable to SI units	0.1g	
371.	Oxycarboxin	with certificate of analysis traceable to SI units	0.1g	
372.	Oxy-Chlordane	with certificate of analysis traceable to SI units	0.1g	
373.	Oxydemeton-methyl	with certificate of analysis traceable to SI units	0.1g	
374.	Oxyfluorfen	with certificate of analysis traceable to SI units	0.1g	
375.	Paclobutrazole	with certificate of analysis traceable to SI units	0.1g	
376.	Paraoxon- methyl	with certificate of analysis traceable to SI units	0.1g	
377.	Paraquat-dichloride	with certificate of analysis traceable to SI units	0.1g	
378.	Parathion	with certificate of analysis traceable to SI units	0.1g	

379.	Parathion-ethyl	with certificate of analysis traceable to SI units	0.1g	
380.	Parathion-methyl	with certificate of analysis traceable to SI units	0.1g	
381.	Pebulate	with certificate of analysis traceable to SI units	0.1g	
382.	Penconazole	with certificate of analysis traceable to SI units	0.1g	
383.	Pencycuron	with certificate of analysis traceable to SI units	0.1g	
384.	Pendimethalin	with certificate of analysis traceable to SI units	0.1g	
385.	Pentachloroaniline	with certificate of analysis traceable to SI units	0.1g	
386.	Pentachloroanisole	with certificate of analysis traceable to SI units	0.1g	
387.	Pentachlorobenzene	with certificate of analysis traceable to SI units	0.1g	
388.	Pentachlorobenzonitrile	with certificate of analysis traceable to SI units	0.1g	
389.	Pentachlorothioanisole	with certificate of analysis traceable to SI units	0.1g	
390.	Permethrin	with certificate of analysis traceable to SI units	0.1g	
391.	Petachlorobenzene	with certificate of analysis traceable to SI units	0.1g	

392.	Phenothrin	with certificate of analysis traceable to SI units	0.1g	
393.	Phenoxyaceticacid	with certificate of analysis traceable to SI units	0.1g	
394.	Phenthoate	with certificate of analysis traceable to SI units	0.1g	
395.	Phenyl phenol	with certificate of analysis traceable to SI units	0.1g	
396.	Phorate	with certificate of analysis traceable to SI units	0.1g	
397.	Phosalone	with certificate of analysis traceable to SI units	0.1g	
398.	Phosmet	with certificate of analysis traceable to SI units	0.1g	
399.	Phosmet oxon	with certificate of analysis traceable to SI units	0.1g	
400.	Phosphamidon	with certificate of analysis traceable to SI units	0.1g	
401.	Phoxim	with certificate of analysis traceable to SI units	0.1g	
402.	Picloram	with certificate of analysis traceable to SI units	0.1g	
403.	Picoxystrobin	with certificate of analysis traceable to SI units	0.1g	
404.	Pinoxaden	with certificate of analysis traceable to SI units	0.1g	

405.	Piperalin	with certificate of analysis traceable to SI units	0.1g	
406.	Piperonyl butoxide	with certificate of analysis traceable to SI units	0.1g	
407.	Pirimicarb	with certificate of analysis traceable to SI units	0.1g	
408.	Pirimicarb-desmethyl	with certificate of analysis traceable to SI units	0.1g	
409.	Pirimiphos-Methyl	with certificate of analysis traceable to SI units	0.1g	
410.	Polyoxin B Neat	with certificate of analysis traceable to SI units	0.1g	
411.	Prallethrin	with certificate of analysis traceable to SI units	0.1g	
412.	Prochloraz	with certificate of analysis traceable to SI units	0.1g	
413.	Procymidone	with certificate of analysis traceable to SI units	0.1g	
414.	Prodiamine	with certificate of analysis traceable to SI units	0.1g	
415.	Profenofos	with certificate of analysis traceable to SI units	0.1g	
416.	Profluralin	with certificate of analysis traceable to SI units	0.1g	
417.	Prometryn	with certificate of analysis traceable to SI units	0.1g	

418.	Propachlor	with certificate of analysis traceable to SI units	0.1g	
419.	Propamocarb	with certificate of analysis traceable to SI units	0.1g	
420.	Propamocarb hydrochloride	with certificate of analysis traceable to SI units	0.1g	
421.	Propanil	with certificate of analysis traceable to SI units	0.1g	
422.	Propaquizafop	with certificate of analysis traceable to SI units	0.1g	
423.	Propargite	with certificate of analysis traceable to SI units	0.1g	
424.	Propazamide	with certificate of analysis traceable to SI units	0.1g	
425.	Propazine	with certificate of analysis traceable to SI units	0.1g	
426.	Propiconazole	with certificate of analysis traceable to SI units	0.1g	
427.	Propineb	with certificate of analysis traceable to SI units	0.1g	
428.	Propisochlor	with certificate of analysis traceable to SI units	0.1g	
429.	Propoxur	with certificate of analysis traceable to SI units	0.1g	
430.	Propyzamide	with certificate of analysis traceable to SI units	0.1g	

431.	Proquinazid	with certificate of analysis traceable to SI units	0.1g	
432.	Prosulfocarb	with certificate of analysis traceable to SI units	0.1g	
433.	Prothioconazole	with certificate of analysis traceable to SI units	0.1g	
434.	Prothiofos	with certificate of analysis traceable to SI units	0.1g	
435.	Pthalimide	with certificate of analysis traceable to SI units	0.1g	
436.	Pymetrozine	with certificate of analysis traceable to SI units	0.1g	
437.	Pyracarbolid	with certificate of analysis traceable to SI units	0.1g	
438.	Pyrachlofos	with certificate of analysis traceable to SI units	0.1g	
439.	Pyraclostrobin	with certificate of analysis traceable to SI units	0.1g	
440.	Pyrazophos	with certificate of analysis traceable to SI units	0.1g	
441.	Pyrdaphenothion	with certificate of analysis traceable to SI units	0.1g	
442.	Pyrethrins(technical)	with certificate of analysis traceable to SI units	0.1g	
443.	Pyridaben	with certificate of analysis traceable to SI units	0.1g	

444.	Pyridalyl	with certificate of analysis traceable to SI units	0.1g	
445.	Pyrimethanil	with certificate of analysis traceable to SI units	0.1g	
446.	Pyriproxyfen	with certificate of analysis traceable to SI units	0.1g	
447.	Quinalphos	with certificate of analysis traceable to SI units	0.1g	
448.	Quinoxifen	with certificate of analysis traceable to SI units	0.1g	
449.	Quitozene	with certificate of analysis traceable to SI units	0.1g	
450.	Resmethrin	with certificate of analysis traceable to SI units	0.1g	
451.	Sethoxydim	with certificate of analysis traceable to SI units	0.1g	
452.	Simazine	with certificate of analysis traceable to SI units	0.1g	
453.	S-Metolachlor	with certificate of analysis traceable to SI units	0.1g	
454.	Spinetoram	with certificate of analysis traceable to SI units	0.1g	
455.	Spinosad	with certificate of analysis traceable to SI units	0.1g	
456.	Spirodiclofen	with certificate of analysis traceable to SI units	0.1g	

457.	Spiromesifen	with certificate of analysis traceable to SI units	0.1g	
458.	Spirotetramat	with certificate of analysis traceable to SI units	0.1g	
459.	Spirotetramat metabolite BYI08330 enol-glucoside	with certificate of analysis traceable to SI units	0.1g	
460.	Spirotetramat metabolite BYI08330-enol	with certificate of analysis traceable to SI units	0.1g	
461.	Spirotetramat metabolite BYI08330-ketohydroxy	with certificate of analysis traceable to SI units	0.1g	
462.	Spirotetramat metabolite BYI08330-monohydroxy	with certificate of analysis traceable to SI units	0.1g	
463.	Spirotetramat-enol	with certificate of analysis traceable to SI units	0.1g	
464.	Spiroxamine	with certificate of analysis traceable to SI units	0.1g	
465.	Sulfosufuron	with certificate of analysis traceable to SI units	0.1g	
466.	Sulfotep	with certificate of analysis traceable to SI units	0.1g	
467.	Sulfoxaflor	with certificate of analysis traceable to SI units	0.1g	
468.	Sulprofos	with certificate of analysis traceable to SI units	0.1g	
469.	Tau-Fluvalinate	with certificate of analysis traceable to SI units	0.1g	

470.	Tebuconazole	with certificate of analysis traceable to SI units	0.1g	
471.	Tebufenozide	with certificate of analysis traceable to SI units	0.1g	
472.	Tebufenpyrad	with certificate of analysis traceable to SI units	0.1g	
473.	Tebuthiuron	with certificate of analysis traceable to SI units	0.1g	
474.	Tebuthylazine	with certificate of analysis traceable to SI units	0.1g	
475.	Tecazene	with certificate of analysis traceable to SI units	0.1g	
476.	Teflubenzuron	with certificate of analysis traceable to SI units	0.1g	
477.	Tefluthalin	with certificate of analysis traceable to SI units	0.1g	
478.	Tefluthrin	with certificate of analysis traceable to SI units	0.1g	
479.	Tembotrione	with certificate of analysis traceable to SI units	0.1g	
480.	Temephos	with certificate of analysis traceable to SI units	0.1g	
481.	Terbacil	with certificate of analysis traceable to SI units	0.1g	
482.	Terbufos	with certificate of analysis traceable to SI units	0.1g	

483.	Terbuthylazine	with certificate of analysis traceable to SI units	0.1g	
484.	Tetrachloroaniline 2,3,5,6	with certificate of analysis traceable to SI units	0.1g	
485.	Tetrachlorvinphors	with certificate of analysis traceable to SI units	0.1g	
486.	Tetraconazole	with certificate of analysis traceable to SI units	0.1g	
487.	Tetradifon	with certificate of analysis traceable to SI units	0.1g	
488.	Tetrahydrophthalimide (THPI)	with certificate of analysis traceable to SI units	0.1g	
489.	Tetramethrin	with certificate of analysis traceable to SI units	0.1g	
490.	Thiabendazole	with certificate of analysis traceable to SI units	0.1g	
491.	Thiacloprid	with certificate of analysis traceable to SI units	0.1g	
492.	Thiamethoxam	with certificate of analysis traceable to SI units	0.1g	
493.	Thiocyclam hydrogenoxalate	with certificate of analysis traceable to SI units	0.1g	
494.	Thiodicarb	with certificate of analysis traceable to SI units	0.1g	
495.	Thiophanate-methyl	with certificate of analysis traceable to SI units	0.1g	

496.	Thiram	with certificate of analysis traceable to SI units	0.1g	
497.	THPI tetrahydrophthalimide	with certificate of analysis traceable to SI units	0.1g	
498.	Tolclofos-methyl	with certificate of analysis traceable to SI units	0.1g	
499.	Tolyfluanid	with certificate of analysis traceable to SI units	0.1g	
500.	Toxaphene	with certificate of analysis traceable to SI units	0.1g	
501.	Tralkoxydim	with certificate of analysis traceable to SI units	0.1g	
502.	Tralomethrin	with certificate of analysis traceable to SI units	0.1g	
503.	Trans chlordane	with certificate of analysis traceable to SI units	0.1g	
504.	Trans-1,3 Dichloropropene	with certificate of analysis traceable to SI units	0.1g	
505.	Trans-Chlordane gamma	with certificate of analysis traceable to SI units	0.1g	
506.	Trans-Deltamethrin(D6)dimethyl D6	with certificate of analysis traceable to SI units	0.1g	
507.	Transfluthrin	with certificate of analysis traceable to SI units	0.1g	
508.	Trans Nonachlor	with certificate of analysis traceable to SI units	0.1g	

509.	Triadimefon	with certificate of analysis traceable to SI units	0.1g	
510.	Triadimenol	with certificate of analysis traceable to SI units	0.1g	
511.	Triallate	with certificate of analysis traceable to SI units	0.1g	
512.	Triazophos	with certificate of analysis traceable to SI units	0.1g	
513.	Tribenuron-methyl(Tech)	with certificate of analysis traceable to SI units	0.1g	
514.	Trichlorfon	with certificate of analysis traceable to SI units	0.1g	
515.	Triclopyr	with certificate of analysis traceable to SI units	0.1g	
516.	Tricyclazole	with certificate of analysis traceable to SI units	0.1g	
517.	Trifloxystrobin	with certificate of analysis traceable to SI units	0.1g	
518.	Trifloxysulfuron Sodium	with certificate of analysis traceable to SI units	0.1g	
519.	Triflumizole	with certificate of analysis traceable to SI units	0.1g	
520.	Triflumizole metabolite (FM-6-1)	with certificate of analysis traceable to SI units	0.1g	
521.	Triflumuron	with certificate of analysis traceable to SI units	0.1g	

522.	Trifluralin	with certificate of analysis traceable to SI units	0.1g	
523.	Triticonazole	with certificate of analysis traceable to SI units	0.1g	
524.	Vinclozolin	with certificate of analysis traceable to SI units	0.1g	
525.	Zeta-Cypermethrin	with certificate of analysis traceable to SI units	0.1g	
526.	Ziram	with certificate of analysis traceable to SI units	0.1g	
527.	Zoxamide	with certificate of analysis traceable to SI units	0.1g	
528.	Cadusafos	with certificate of analysis traceable to SI units	0.1g	
529.	Camphechlor(Toxaphene)	with certificate of analysis traceable to SI units	0.1g	
530.	Captafol	with certificate of analysis traceable to SI units	0.1g	

LOT 5: SUPPLY AND DELIVERY OF ANALYTICAL CERTIFIED REFERENCE MATERIALS (CRMs)

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	DELIVERY PERIOD
	Poly chlorinated biphenyls (PCBs)with certificate of analysis traceable to SI units			

1.	PCB 110	with certificate of analysis traceable to SI units		As and when required
2.	PCB 118	with certificate of analysis traceable to SI units		
3.	PCB 128	with certificate of analysis traceable to SI units		
4.	PCB 138	with certificate of analysis traceable to SI units		
5.	PCB 153	with certificate of analysis traceable to SI units		
6.	PCB 180	with certificate of analysis traceable to SI units		
7.	PCB 196	with certificate of analysis traceable to SI units		
8.	PCB 28	with certificate of analysis traceable to SI units		
9.	PCB 31	with certificate of analysis traceable to SI units		
10.	PCB 101	with certificate of analysis traceable to SI units		
11.	PCB 114	with certificate of analysis traceable to SI units		
12.	PCB 149	with certificate of analysis traceable to SI units		
13.	PCB 155	with certificate of analysis traceable to SI units		
14.	PCB 18	with certificate of analysis traceable to SI units		
15.	PCB 194	with certificate of analysis traceable to SI units		
16.	PCB 206	with certificate of analysis traceable to SI units		
17.	PCB 52	with certificate of analysis traceable to SI units		

18.	PCB 44	with certificate of analysis traceable to SI units		
	Polycyclic Aromatic Hydrocarbons			
19.	Acenaphthylene	with certificate of analysis traceable to SI units		
20.	Acenaphthene	with certificate of analysis traceable to SI units		
21.	Anthracene	with certificate of analysis traceable to SI units		
22.	Benz[a]anthracene	with certificate of analysis traceable to SI units		
23.	Chrysene	with certificate of analysis traceable to SI units		
24.	Benzo[k]fluoranthene	with certificate of analysis traceable to SI units		
25.	Benzo[ghi]perylene	with certificate of analysis traceable to SI units		
26.	Benzo[a]pyrene	with certificate of analysis traceable to SI units		
27.	Dibenz[a,h]anthracene	with certificate of analysis traceable to SI units		
28.	Fluoranthene	with certificate of analysis traceable to SI units		
29.	Fluorene	with certificate of analysis traceable to SI units		
30.	Indeno[1,2,3-cd] pyrene	with certificate of analysis traceable to SI units		
31.	Naphthalene	with certificate of analysis traceable to SI units		
32.	Naphthalene, 1-methyl-	with certificate of analysis traceable to SI units		

33.	Naphthalene, 2-methyl-	with certificate of analysis traceable to SI units		
34.	Phenanthrene	with certificate of analysis traceable to SI units		
35.	Pyrene	with certificate of analysis traceable to SI units		
36.	Terphenyl -d14	with certificate of analysis traceable to SI units		

LOT 6: SUPPLY AND DELIVERY OF MOLECULAR REAGENTS AND CHEMICAL

No	Item	Specification	Unit of Measure	Delivery period
1.	PCR master mix	Thermo Scientific Dream Taq PCR, Master Mix (2X), K1072 1000 rxns.	Pc	As and when required
2.	qPCR Probe Master	2x Master mix for real-time PCR, 100mls, Cat No. PCR-360	pc	As and when required
3.	MMLV Reverse transcriptase	MMLV RT (New England Bio labs) 50,000 units cat No:M0253L	Pc	As and when required
4.	PCR master mix	SCRIPT cDNA Synthesis Kit, Jena Biosciences, 100 reactions x 20 µl.Cat No. PCR-511S	Pc	As and when required
5.	PCR master mix	2X hotstart taq master mix, New England Biolabs 500rxns pack	Pc	As and when required
6.	dNTPs	Deoxynucleotide(dNTP) solution set 100mM each	Pc	As and when required
7.	Taq DNA polymerase	Hotstart Taq DNA polymerase, New England Biolabs, 200 units	Pc	As and when required

No	Item	Specification	Unit of Measure	Delivery period
8.	DNA Ladder	HyperLadder (Bioline) 50bp, Cat No. BIO-33040(500 lanes,1 kb HyperLadder (Bioline)	Pc	As and when required
9.	DNA Ladder	CAT no BIO-33053 100 lanes,100 bp Hyper Ladder (Bioline)	Pc	As and when required
10.	DNA Ladder	CAT no BIO-33030 500 lanes	PC	As and when required
11.	Gel Red Nucleic Acid stain	Gel Red Nucleic Acid stain 10,000X in DMSO – Biotium, 2ml tube	Pc	As and when required
12.	Nuclease free water	500ml RNase/DNase free water	500ml	As and when required
13.	Agarose	TopVision, Cat No. R0492 Thermo Scientific 500g	500g	As and when required
14.	Isopropanol	Molecular grade, 2.5 litres 99.7%	2.5ltrs	As and when required
15.	Loading dye	DNA Gel Loading Dye (6X) 5mls	pc	As and when required
16.	Sodium Hypochlorite	10-12% Sodium Hypochlorite,5 litres pack	5ltrs	As and when required
17.	Ethanol (absolute)	Molecular\analytical Grade a bottle of 2.5 litres	2.5ltrs	As and when required
18.	Ethanol (absolute)	GPR grade, a bottle of 2.5 litres	2.5ltrs	As and when required
19.	CTAB chemical	Cetyltrimethylammonium ammonium bromide (CTAB), 500g	500g	As and when required
20.	Sodium Chloride	Sodium Chloride (Salt), High Purity Crystals, M.W 163.39,500g	500g	As and when required
21.	Chloroform	Chloroform Chemical, Packaging Type: Glass Bottle, Packaging Size: 2.5 litres	2.5ltrs	As and when required
22.	Tris base	Scientific Research Tris-base 77-86-1 Sigma, 500g	500g	
23.	PVP	Polyvinylpyrrolidone, (PVP-40),500g	500g	As and when required
24.	EDTA	Sodium dodecyl sulfate (SDS), 500g	500g	As and when required
25.	Boric Acid	Boric acid odorless Pum med M.W 61.84 g/mol,500g	500g	As and when required
26.	Sodium Sulphite	Sodium Sulfite, 99% min, Anhydrous, Na ₂ SO ₃ , M.W 146.043,500g	500g	As and when required

No	Item	Specification	Unit of Measure	Delivery period
27.	Primers	Primers for detection	set	As and when required
28.	Sequencing	Sequencing samples		As and when required
29.	V 8 media	500gm from HI media	500g	As and when required
30.	Potato Dextrose agar (PDA)	500gm from HI media	500g	As and when required
31.	Malt Extra Agar	500 from HI media	500g	As and when required
32.	Czapex dox media	500 ml from Hi media	500ml	As and when required
33.	General agar	500gm	500gm	As and when required
34.	Streptomycin sulphate	50gm	50gm	As and when required
35.	Potassium dihydrogen phosphate (KH ₂ P04)	Loba chemie	500gms	As and when required
36.	Disodium hydrogen phosphate dihydrate (Na ₂ HPO4. 2H ₂ O)	Sigma-Aldrich	500gms	As and when required
37.	Silica Gel	Self-indicating blue	500gms	As and when required
99	Taqman GMO screening kit	Taqman GMO screening kit ABI Applied Biosystems 4466334	Kit	As and when required
100	Taqman GMO quantification kits	TaqMan™ GMO Maize Quantification Kit	Kit	As and when required
38.	Ammonium Nitrate	NH ₄ NO ₃	500g	
39.	Potassium Nitrate	KNO ₃	500g	
40.	Magnesium Sulfate	MGSO ₄ .7H ₂ O	500g	
41.	Manganese Sulfate	MNSO ₄ .4H ₂ O	500g	
42.	Calcium Chloride	CaCl ₂ .2H ₂ O	500g	
43.	Potassium Phosphate	KH ₂ PO ₄	500g	
44.	Inositol	For plant tissue culture	500g	
45.	Sucrose	Table sugar/with COA	500g	

No	Item	Specification	Unit of Measure	Delivery period
46.	Zinc Sulfate	ZnSO ₄ .7H ₂ O	500g	
47.	Copper Sulfate	CuSO ₄ .5H ₂ O	500g	
48.	Potassium Iodide	KI	500g	
49.	Cobalt Chloride	CoCl ₂ .6H ₂ O	500g	
50.	Boric Acid	H ₃ BO ₃	500g	
51.	Molybdic Acid	NaMoO ₄ .2H ₂ O	500g	
52.	Ferrous Sulfate	FeSO ₄ .7H ₂ O	500g	
53.	Sodium-EDTA	Na ₂ -EDTA	500g	
54.	Glycine	For plant tissue culture	2.5l	
55.	Nicotinic Acid	For plant tissue culture	2.5L	
56.	Pyridoxine-HCL	For plant tissue culture	2.5L	
57.	Thiamine-HCL	For plant tissue culture	2.5L	
58.	Giberellic acid (GA3)	For plant tissue culture	2.5 L	
59.	Benzyl Ammino Purine (BAP)	For plant tissue culture	2.5L	
60.	Indole Butyric Acid (IBA)	For plant tissue culture	2.5l	
61.	Sorbitol	For plant tissue culture	500g	

LOT 7: SUPPLY AND DELIVERY OF MOLECULAR CONSUMABLES

NO.	ITEM	DESCRIPTION	UNIT OF MEASURE	DELIVERY PERIOD
1.	PCR plates adhesive covers	Adhesive covers MicroAmp Optical Adhesive Film Thermo fisher scientific Catalog number: 4311971 (a packet of 100 pcs)	pkt	As and when required
2.	PCR Plates	PCR 96-well Plate, 0.2ml, Clear (non-Skirted/semi-Skirted) (50plates/case)	case	As and when required
3.	Microfuge tubes	Safe lock tubes, clear ,1.5ml, Eppendorf tubes PCR clean centrifugation up to 30 000 x g.(packet of 1000pcs)	Pkt	As and when required
4.	Microfuge tubes	Safe lock tubes, clear 2.0ml, Eppendorf tubes PCR clean centrifugation up to 30 000 x g, (packet of 1000pcs)	Pkt	As and when required

5.	Filtred tips	Filtered micropipette tips ,200µl(1 box of 10 racks)	Box	As and when required
6.	Filtred tips	Filtered micropipette tips ,5-10 µl,(1 box of 10 racks	Box	As and when required
7.	Filtred tips	Filtered micropipette tips ,1000 µl,(1 box of 10 racks	Box	As and when required
8.	Non-filtered micropipette tips	Non-filtered, size-2-200µl(Package of 1000)	Pkt	As and when required
9.	Non-filtered micropipette tips	Non-filtered, clear, Size:0.1-10µl (Package of 1000)	Pkt	As and when required
10.	Non-filtered micropipette tips	Non-filter (micropipette: Clear,100-1000µl)(Package of 1000)	Pkt	As and when required
11.	Scalpel blade holders (suitable for blade No 24 and 11)	Suitable for blade (Size No 24 and 11)	Pkt	As and when required
12.	Scapel blades	Size 24	pkt	As and when required
13.	Microscope Slides	Clear glass non-frosted, size 25.4*76.3mm (1*3), 1mm-1.2mm thick	Pkt	As and when required
14.	Filter paper	80mm	Pkt	As and when required
15.	Plastic Petri dishes	Disposable sterile petri dishes (Size dimension 90mm and 14.2 mm Height) From JRZ PLASTILAB9(Abox of 500pcs)	Box	As and when required
16.	Parafilm	Roll (4 inch by 125 fts)	Roll	As and when required
17.	Hemocytometer	Neubauer chamber's counting grid is 3 mm x 3 mm in size.	Pc	As and when required
18.	Adhesive labels	4 x 2 cm size	Pkts	As and when required
19.	Milk filter paper	240mm disk (round)	Pkt	As and when required
20.	Microscope Slides & cover slips	Clear glass non-frosted, size 25.4*76.3mm (1*3), 1mm1.2mm thick	pkt	As and when required
21.	Polyethene bags (for grafting)	15cm × 30cm(50 pcs per pack)	Packet	As and when required
22.	Boats/troughs	Plastic 1000mls	Packet	As and when required
23.	Membrane washing plates	Plastic 1000ml plates	Packets	As and when required

24.	Carborundum (silicon carbide)	Sharp with abrasive properties	PC	As and when required
25.	Stirrer and stirring rods	Medium, large 1 rod each	Pc	As and when required
26.	Ziplock Bags	4x6'' zip lock bags, clear with labelling side, 300 gauge thickness, pack of 100 pcs	Pkt	As and when required
27.	Ziplock bags	Sealable, Clear Plastic, 12" x 18" inch in size, 300 gauge thickness, pack of 100pcs	Pkt	As and when required
28.	Plastic Petri dishes	Disposable sterile petri dishes (9mmx9mm diameter) a box of 500pcs	Box	As and when required
29.	Glass petri dishes	Autoclavable Standard Size, 90 mm (diameter) x 15 mm (height) Used for bacterial, fungal, and general microbiological cultures	Box	As and when required
30.	Glass petri dishes	Autoclavable Smaller Sizes (For Limited Samples or Spot Testing) 35 mm x 10 mm → Used for single-colony isolation	Box	As and when required
31.	Wire loops	Able to scoop 1ul culture growth/broth	pkt	As and when required
32.	Wire loops	Able to scoop 10ul culture growth/broth	pkt	As and when required
33.	Wire loops	Able to scoop 50ul culture growth/broth	pkt	As and when required
34.	Plastic inoculating loops for pure culturing	Able to scoop 1-10ul culture growth/broth a pack of 20 pcs	pack	As and when required
54.	Biohazard bag	1 Box of 24*30-inch gauge 300,	Pack	As and when required
55.	Biohazard bags	Autoclaveable, 8.4*11 inch	Pack	As and when required
56.	Forceps	7 inches length, stainless steel, serrated tip	pkt	
57.	Forceps	12 inches length, stainless steel, serrated tip	pkt	
58.	Test tubes	20mm x 150mm, pyrex glass/autoclavable	pcs	
59.	Plastic plant tissue culture containers with lids	1 litre capacity	pcs	
60.	Plant tissue culture Baby culture jars with caps	autoclavable, 220ml capacity	pcs	
61.	Insect Pins	Black steel insect pins hardened and tempered Fabricated from spring steel with a smooth, black enamel finish, gold nylon	pcs	

	Black steel insect pins hardened and tempered	heads Packaged in envelopes of 100 pins. Save with the Variety Pack of 1 envelope of each size, 700 pins total count		
62.		Size 00 ;38 x 0.30 mm diameter	pcs	
63.		Size 0; 38 x 0.35 mm diameter	pcs	
64.		Size 1; 38 x 0.40 mm diameter	pcs	
65.		Size 2; 38 x .45 mm diameter	pcs	
66.		Size 3; 38 x 0.50 mm diameter	pcs	
67.		Size 4; 38 x 0.55 mm diameter	pcs	
68.	Finest headless insect micro-pins	Finest headless insect micro-pins	pcs	
		Sizes		
		S44-015 500 pins envelop diam. 0,15 l. 12	pcs	
		S44-020 500 pins envelop diam. 0,20 l. 12	pcs	
69.	Insect mounting strips	Nu-poly strips white dense material precisely cut into strips 60mm long 4 mm x 3 mm	pcs	
70.	Lepidopteran spreading mounting strips	Insect butterfly wing spreading strips vellum paper	pcs	
71.	Mounting cards	Triangular and Rectangular	pcs	
72.	Gloves	Latex, powder free, size Medium, large,extralarge, Box of 10pkts	Box	

LOT 8: SUPPLY AND DELIVERY OF MOLECULAR ANTIBIOTICS

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	DELIVERY PERIOD
1.	Antibiotics	Neomycin	Pkt	As and when required
2.		Streptomycin	Pkt	As and when required
3.		Penicillin G sodium Salt	Pkt	As and when required
4.		Polymixin B Sulphate	Pkt	As and when required
5.		Chloramophenical- water soluble	Pkt	As and when required
6.		Streptomycin sulphate salt	Pkt	As and when required

7.		2,3,5-triphenyl tetrazolium chloride	Pkt	As and when required
8.		Trimethoprim	Pkt	As and when required
9.		Bacitracin	Pkt	As and when required
10.		Cycloheximide	Pkt	As and when required
11.		Cephalexin	Pkt	As and when required
12.		D- methionine	Pkt	As and when required
13.		Vancomycin	Pkt	As and when required
14.		Gentamycin Sulphate	Pkt	As and when required
15.		Pyrodoxine HCl	Pkt	As and when required
16.		Nitrofuratoin	Pkt	As and when required
17.		Oxacillin Sodium salt Monohydrate	Pkt	As and when required
18.		Nalidixic acid	Pkt	As and when required
19.		DL-Dithiothreitol	Pkt	As and when required
20.		Ampicilin Sodium	Pkt	As and when required
21.		Oxacillin Sodium salt Monohydrate	Pkt	As and when required
22.		Nalidixic acid	Pkt	As and when required
23.		DL-Dithiothreitol	Pkt	As and when required
24.		Ampicilin Sodium	Pkt	As and when required
25.		Chloramphenicol	Pkt	As and when required
26.		Kasugamycin	Pkt	As and when required

Name of tenderer.....

Signature of tenderer.....

Date.....

Stamp.....

PART 3: PRICE SCHEDULE

SUPPLY AND DELIVERY OF ANALYTICAL AND MOLECULAR LABORATORY REAGENTS AND CHEMICALS

LOT 1: SUPPLY AND DELIVERY OF ANALYTICAL LABORATORY REAGENTS AND CHEMICALS

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE (Inclusive of all taxes)
1.	Formic acid	HPLC grade with certificate of analysis, (In amber bottles)	2.5L	
2.	Methanol	HPLC grade, with COA (In amber bottles)	2.5L	
3.	Acetonitrile HPLC grade 2.5 liters with certificate of analysis	HPLC grade, with COA (In amber bottles)	2.5L	
4.	Magnesium Sulphate anhydrous,	99% AR with COA	1kg	
5.	Acetone AR	GPR,	2.5.L	
6.	Acetone AR	HPLC grade with COA	2.5L	
7.	Isopropanol	HPLC grade with COA	2.5L	
8.	Iso octane HPLC grade with COA	HPLC grade with COA	2.5L	
9.	PSA Bonded silica	99% AR with COA	100g	
10.	Tri-sodium citrate	99% AR with COA	500g	
11.	Sodium Hydrogen Citrate Sesquihydrate	99% AR with COA	500g	
12.	Sodium chloride	99% AR with COA	500g	
13.	Dichloromethane	HPLC grade, with COA (In amber bottles)	500g	
14.	Sodium sulphate anhydrous	99% AR with COA	500g	
15.	Potassium dichromate	AR with certificate of analysis	500g	
16.	Potassium chromate	AR with certificate of analysis	500g	
17.	Devardas alloy	AR Grade with certificate of analysis, 100g	100g	

18.	Barium Chloride	99% AR with certificate of analysis	500g	
19.	Sodium chloride	99% AR with certificate of analysis	500g	
20.	Sodium hydroxide pellets	99% AR with certificate of analysis	500g	
21.	Magnesium oxide heavy,	>98% AR, with certificate of analysis	500g	
22.	Ammonium hydroxide AR	AR, with certificate of analysis	500g	
23.	Ammonium Chloride AR	AR, with certificate of analysis	500g	
24.	Sulphuric acid AR	AR, with certificate of analysis	2.5L	
25.	Magnesium sulphate (MgSO ₄ .4H ₂ O)AR	AR, with certificate of analysis	1Kg	
26.	Magnesium sulphate (MgSO ₄ .7H ₂ O)AR	AR, with certificate of analysis	1Kg	
27.	Ethylene di amine tetra acetic acid (EDTA) tetra sodium.	AR, with certificate of analysis	500g	
28.	Dimethylamine AR	AR, with certificate of analysis	500g	
29.	Ammonium citrate tribasic AR	AR, with certificate of analysis	500g	
30.	Citric acid monohydrate AR	AR, with certificate of analysis	500g	
31.	Di sodium tetraborate decahydrate, AR	AR, with certificate of analysis	500g	
32.	Ammonium formate AR	AR, with certificate of analysis	500g	
33.	Nitric acid ,	69% AR with certificate of analysis	2.5L	
34.	Perchloric acid	AR with certificate of analysis,	2.5L	
35.	Sucrose	99% AR with certificate of analysis traceable to SI units	500g	
36.	Activated charcoal	AR, with certificate of analysis	500g	
37.	Ortho-phosphoric acid AR	AR, with certificate of analysis	500g	
38.	Potassium periodate AR	AR, with certificate of analysis	500g	

39.	Ammonium vanadate AR	AR, with certificate of analysis	500g	
40.	Ammonium molybdate AR	AR, with certificate of analysis	500g	
41.	Copper sulphate tablets AR	AR, with certificate of analysis	500g	
42.	Boric acid AR, 500g	AR, with certificate of analysis	500g	
43.	Antibumping granules AR	AR, with certificate of analysis	500g	
44.	Potassium dihydrogen orthophosphate AR	AR, with certificate of analysis	500g	
45.	Hydrochloric acid	AR, with certificate of analysis	2.5L	
46.	Hydrogen peroxide AR	AR, with certificate of analysis	2.5L	
47.	Gum acacia AR	AR, with certificate of analysis	500g	
48.	Silver Nitrate AR	AR, with certificate of analysis	100g	
49.	Phenolphthalein	AR, with certificate of analysis	100g	
50.	Methyl orange	AR, with certificate of analysis	100g	
51.	TitanYellow	AR, with certificate of analysis	100g	
52.	Bromocresol green	AR, with certificate of analysis	100g	
53.	Methyl red	AR, with certificate of analysis	100g	
54.	Hydroxylamine hydrochloride	AR, with certificate of analysis	500g	
55.	Sodium acetate	AR, with certificate of analysis	500g	
56.	Triethanolamine N	AR, with certificate of analysis	500g	
57.	Sulphuric acid ampules e.g., 1N	AR, with certificate of analysis	500MI	
58.	Hydrochloric acid ampules e.g., 1N	AR, with certificate of analysis	500MI	
59.	95% Ethanol	AR, with certificate of analysis	2.5L	

60.	Potassium chloride	AR, with certificate of analysis	500g	
61.	Magnesium oxide (heavy)	AR, with certificate of analysis	500g	
62.	Copper sulphate tablets	AR, with certificate of analysis	500g	
63.	Conc sulphuric acid	AR, with certificate of analysis	2.5L	
64.	Conc perchloric acid	AR, with certificate of analysis	2.5L	
65.	Absolute ethanol	AR, with certificate of analysis	2.5L	
66.	Peptone water , 500gm	AR, with certificate of analysis	500g	
67.	Xylose Lysine	AR, with	500g	
68.	Deoxycholate ,500gm	certificate of analysis		
69.	MacConkey broth , 500gm	CM0505 (Purple)	500g	
70.	TBX medium agar 500g	CM0945	500g	
71.	Plate count argar	AR	500g	
72.	Sodium Hypochlorite	12%	5L	

LOT 2: SUPPLY AND DELIVERY OF ANALYTICAL LABORATORY REAGENT KITS

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE (Inclusive of all taxes)
1.	REAGENT HARDNESS MG 0.00-2.00 100T(HI93719-01) RANGE 0 TO 2.0 mg/l	with certificate of analysis	Kit	
2.	REAGENT HARDNESS TOTAL LR COLORIMETRIC 100T (HI93735-00)	with certificate of analysis	Kit	
3.	REAGENT PHOSPHATE HR (93717-01) 100T RANGE 0 TO 30.0 mg/l	with certificate of analysis	Kit	
4.	REAGENT NITRITE HR 0-150mg/l 100T (HI93708-01)	with certificate of analysis	Kit	
5.	REAGENT NITRITE LR 0-0.35 100T (HI93707-01)	with certificate of analysis	Kit	

6.	REAGENT CHLORINE (FREE) (HI93701-01) 100 T RANGE 0 TO 2.5mg/l	with certificate of analysis	Kit	
7.	REAGENT CALCIUM 0-2.10 100T (HI93720-01)RANGE 0 TO 2.70mg/l	with certificate of analysis	Kit	
8.	REAGENT CHLORINE FREE & TOTAL(HI93734-01) 100T RANGE 0 TO 10 mg/l	with certificate of analysis	Kit	
9.	REAGENT FLUORIDE LR (HI93729-01) RANGE 0 TO 2.0 mg/l; 100T	with certificate of analysis	Kit	
10.	REAGENT AMMONIA HR (HI93733-01) 100T RANGE 0 TO 100mg/l.	with certificate of analysis	Kit	
11.	REAGENT AMMONIA MR 0.00- 9099 (93715-01) 100 T RANGE 0 TO 9.99mg/l	with certificate of analysis	Kit	
12.	REAGENT NITRATE 0-30 100T (HI93728-01) RANGE 0 TO 30 .0 mg/l	with certificate of analysis	Kit	
13.	REAGENT SILICA LR 0-2.00 mg/l 100T (HI93705-01)	with certificate of analysis	Kit	
14.	REAGENT COD HR 0-15000mg/l 25T(HI93754C-25)	with certificate of analysis	Kit	
15.	REAGENT COD MR 0-1500mg/l 25	with certificate of analysis	Kit	

LOT 3: SUPPLY AND DELIVERY OF ANALYTICAL LABORATORY CONSUMABLES

No	Item	Description	Unit of measure	UNIT PRICE (Inclusive of all taxes)
1.	Eppendorf Pipette tips	1ml blue - 1000/pkt	packet	
2.	Eppendorf Pipette tips	200µl yellow - 1000/pkt	Packet	
3.	Clear vials	with PTFE /silicone septa screw caps, 2ml graduated, with write on spot. 100/pkt	pkts	

4.	Amber vials with PTFE /silicone septa screw caps, 2ml graduated, with write on spo, 100/pkt.	with PTFE /silicone septa screw caps, 2ml graduated, with write on spot. 100/pkt	Pkts	
5.	Filter papers,	No.1, 125mm diameter Whatman	pkts	
6.	Paper towels	Large (kitchen towel white)	pair	
7.	Disposable Inoculating loops ,	1 µL, @ 1 piece	pkts	
8.	Gloves,	powder free	pkts	
9.	Sample containers	As per sample(plastic clear material- 200g) with yellow lid	pcs	
10.	Aluminium foil	Large size	pcs	
11.	Plastic Petry dishes	plastic	pcs	
12.	CUVETTES WITHOUT CAP	HI937XX &832XX (HI731321) (GLASS) HANNA	pcs	
13.	CUVETTE CAPS	.HI937XX (HI731325) OR832XX (731325N)	pcs	

LOT 4: SUPPLY AND DELIVERY OF ANALYTICAL LABORATORY STANDARDS

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	Unit price
1.	Soil/Water Standards			
2.	1000mg/l Na,	with certificate of analysis traceable to SI units	500ML solution	
3.	1000 mg/l K,	with certificate of analysis traceable to SI units	500ML solution	
4.	1000 mg/l Ca.	with certificate of analysis traceable to SI units	500ML solution	
5.	1000 mg/l Cu.	with certificate of analysis traceable to SI units	500ML solution	
6.	1000 mg/l Fe	with certificate of analysis traceable to SI units	500ML solution	
7.	1000 mg/l Zn.	with certificate of analysis traceable to SI units	500ML solution	

8.	1000 mg/l K,	with certificate of analysis traceable to SI units	500ML solution	
9.	1000 mg/l Ca.	with certificate of analysis traceable to SI units	500ML solution	
10.	1000 mg/l Cu.	with certificate of analysis traceable to SI units	500ML solution	
11.	1000 mg/l Zn.	with certificate of analysis traceable to SI units	500ML solution	
12.	1000mg/l Na,	with certificate of analysis traceable to SI units	500ML solution	
13.	1000 mg/l Co	with certificate of analysis traceable to SI units	500ML solution	
14.	1000 mg/l B	with certificate of analysis traceable to SI units	500ML solution	
15.	1000 mg/l Pb	with certificate of analysis traceable to SI units	500ML solution	
16.	Heavy Metal Standards			
17.	1000 mg/l Se	with certificate of analysis traceable to SI units	500ML solution	
18.	1000 mg/l Mg	with certificate of analysis traceable to SI units	500ML solution	
19.	1000 mg/l Cr	with certificate of analysis traceable to SI units	500ML solution	
20.	1000 mg/l Hg	with certificate of analysis traceable to SI units	500ML solution	
21.	1000 mg/l Cd	with certificate of analysis traceable to SI units	500ML solution	
22.	1000 mg/l As	with certificate of analysis traceable to SI units	500ML solution	
23.	1000 mg/l Al	with certificate of analysis traceable to SI units	500ML solution	
24.	1000 mg/l Mo	with certificate of analysis traceable to SI units	500ML solution	

25.	1000 mg/l Ag	with certificate of analysis traceable to SI units	500ML solution	
26.	1000 mg/l Fe	with certificate of analysis traceable to SI units	500ML solution	
27.	1000 mg/l Sn	with certificate of analysis traceable to SI units	500ML solution	
28.	1000 mg/l Y	with certificate of analysis traceable to SI units	500ML solution	
29.	1000 mg/l Mn	with certificate of analysis traceable to SI units	500ML solution	
30.	Buffer solutions with certificate of analysis traceable to SI units	with certificate of analysis traceable to SI units	500ML solution	
31.	PH 7.01 AT 25XC (HI7007L)	with certificate of analysis traceable to SI units	500ML solution	
32.	PH4.01 AT 25XC HI7004L)	with certificate of analysis traceable to SI units	500ML solution	
33.	PH 10.01 HI7010L	with certificate of analysis traceable to SI units	500ML solution	
34.	EC Calibration Standards	with certificate of analysis traceable to SI units	500ML solution	
35.	CONDUCTIVITY CALIBRATION 84uS/CM(HI7033L)	with certificate of analysis traceable to SI units	500ML solution	
36.	CONDUCTIVITY CALIBRATION 1413uS/CM (HI7031L)	with certificate of analysis traceable to SI units	500ML solution	
37.	CONDUCTIVITY CALIBRATION 12880uS/CM(HI7030L)	with certificate of analysis traceable to SI units	500ML solution	
38.	CLEANING GENERAL PURPOSE (HI7061L)	with certificate of analysis traceable to SI units	500ML solution	
39.	STORAGE PH/ORP ELECTRODE(HI70300L)	with certificate of analysis traceable to SI units	500ML solution	
40.	Mycotoxin standards	with certificate of analysis traceable to SI units		
41.	Aflatoxin B1	25 ppm	4 ml	
42.	Aflatoxin B2	25 ppm	4 ml	
43.	Aflatoxin G1	25 ppm	4 ml	

44.	Aflatoxin G2	25 ppm	4 ml	
45.	Ochratoxin A	50 ppm	2 ml	
46.	Fumonisin B1	200 ppm	1 ml	
47.	Fumonisin B2	200 ppm	1 ml	
48.	Microbiological organism with certificate of analysis traceable to SI units	REFERENCE CULTURE		
49.	E. coli	ATCC 25922	grams	
50.	Staphylococcus aureus	ATCC 6538	grams	
51.	Listeria monocytogenes	ATCC 19115	grams	
52.	Salmonella enterica	ATCC 14028	grams	
53.	Aspergillus brasiliensis	ATCC 16404	grams	
54.	Rhizopus	ATCC 20577	grams	
55.	PESTICIDES RESIDUES	SPECIFICATIONS	UNIT OF MEASURE	U
56.	1,3 Dichloropropane	with certificate of analysis traceable to SI units	0.1g	
57.	1H-1,2,4-Triazole	with certificate of analysis traceable to SI units	0.1g	
58.	2, phenyl Phenol	with certificate of analysis traceable to SI units	0.1g	
59.	2,2-Dichloropropane	with certificate of analysis traceable to SI units	0.1g	
60.	2,4 D	with certificate of analysis traceable to SI units	0.1g	
61.	2,4-DB dimethylamine salt	with certificate of analysis traceable to SI units	0.1g	
62.	2,4-DDD	with certificate of analysis traceable to SI units	0.1g	
63.	2,4-DDE	with certificate of analysis traceable to SI units	0.1g	
64.	2,4-D-dimethylamine salt	with certificate of analysis traceable to SI units	0.1g	
65.	2,4-DDT	with certificate of analysis traceable to SI units	0.1g	

66.	2,4-Dichlorophenoxy Acet Acid	with certificate of analysis traceable to SI units	0.1g	
67.	3,4'-Dichloroaniline	with certificate of analysis traceable to SI units	0.1g	
68.	3-OH carbofuran	with certificate of analysis traceable to SI units	0.1g	
69.	4 pheny phenol	with certificate of analysis traceable to SI units	0.1g	
70.	4,4 methoxychlor olefin	with certificate of analysis traceable to SI units	0.1g	
71.	4,4'-Dichlorobenzophenone	with certificate of analysis traceable to SI units	0.1g	
72.	4,4'-Methoxychlor olefin	with certificate of analysis traceable to SI units	0.1g	
73.	4,4-DDD	with certificate of analysis traceable to SI units	0.1g	
74.	4,4-DDE	with certificate of analysis traceable to SI units	0.1g	
75.	4,4-DDT	with certificate of analysis traceable to SI units	0.1g	
76.	4-n-Nonylphenol	with certificate of analysis traceable to SI units	0.1g	
77.	4-Nonylphenol-mono-ethoxylate	with certificate of analysis traceable to SI units	0.1g	
78.	4-Octylphenol-di-ethoxylate	with certificate of analysis traceable to SI units	0.1g	
79.	4-Octylphenol-ethoxylate(technical)(Penta)	with certificate of analysis traceable to SI units	0.1g	
80.	Abamectine	with certificate of analysis traceable to SI units	0.1g	
81.	Acephate	with certificate of analysis traceable to SI units	0.1g	
82.	Acephate D6	with certificate of analysis traceable to SI units	0.1g	

83.	Acequinocyl	with certificate of analysis traceable to SI units	0.1g	
84.	Acetamiprid	with certificate of analysis traceable to SI units	0.1g	
85.	Acetochlor	with certificate of analysis traceable to SI units	0.1g	
86.	Aclonifen	with certificate of analysis traceable to SI units	0.1g	
87.	Acrinathrin	with certificate of analysis traceable to SI units	0.1g	
88.	Alachlor	with certificate of analysis traceable to SI units	0.1g	
89.	Aldicarb	with certificate of analysis traceable to SI units	0.1g	
90.	Aldicarb – sulfon	with certificate of analysis traceable to SI units	0.1g	
91.	Aldicarb – sulfoxide	with certificate of analysis traceable to SI units	0.1g	
92.	Aldrin(HHDN)	with certificate of analysis traceable to SI units	0.1g	
93.	Alidochlor	with certificate of analysis traceable to SI units	0.1g	
94.	Alletherin	with certificate of analysis traceable to SI units	0.1g	
95.	Allethrin(Sigma)	with certificate of analysis traceable to SI units	0.1g	
96.	Alpha BHC	with certificate of analysis traceable to SI units	0.1g	
97.	Alpha Chlordane	with certificate of analysis traceable to SI units	0.1g	
98.	Alpha Chlordane	with certificate of analysis traceable to SI units	0.1g	
99.	Alpha-cypermethrin	with certificate of analysis traceable to SI units	0.1g	

100.	Alpha-Endosulfan	with certificate of analysis traceable to SI units	0.1g	
101.	Alpha-HCH	with certificate of analysis traceable to SI units	0.1g	
102.	Ametoctradin	with certificate of analysis traceable to SI units	0.1g	
103.	Ametryn	with certificate of analysis traceable to SI units	0.1g	
104.	Amitraz	with certificate of analysis traceable to SI units	0.1g	
105.	Aniline	with certificate of analysis traceable to SI units	0.1g	
106.	Anthraquinone	with certificate of analysis traceable to SI units	0.1g	
107.	Arclor1221	with certificate of analysis traceable to SI units	0.1g	
108.	Arochlor 1254	with certificate of analysis traceable to SI units	0.1g	
109.	Arochlor 1260	with certificate of analysis traceable to SI units	0.1g	
110.	Atrazine	with certificate of analysis traceable to SI units	0.1g	
111.	Azaconazole	with certificate of analysis traceable to SI units	0.1g	
112.	Azadirachtin B	with certificate of analysis traceable to SI units	0.1g	
113.	Azadirachtin A(P)	with certificate of analysis traceable to SI units	0.1g	
114.	Azinphos-methyl	with certificate of analysis traceable to SI units	0.1g	
115.	Azoxystrobin	with certificate of analysis traceable to SI units	0.1g	
116.	Benalaxyl-M	with certificate of analysis traceable to SI units	0.1g	

117.	Benfluralin	with certificate of analysis traceable to SI units	0.1g	
118.	Benfuracarb	with certificate of analysis traceable to SI units	0.1g	
119.	Benomyl	with certificate of analysis traceable to SI units	0.1g	
120.	Bentazone	with certificate of analysis traceable to SI units	0.1g	
121.	Bentazone	with certificate of analysis traceable to SI units	0.1g	
122.	Bentazone-8-hydrox	with certificate of analysis traceable to SI units	0.1g	
123.	beta BHC	with certificate of analysis traceable to SI units	0.1g	
124.	beta Cyfluthrin	with certificate of analysis traceable to SI units	0.1g	
125.	beta Endosulphan	with certificate of analysis traceable to SI units	0.1g	
126.	beta-BHC	with certificate of analysis traceable to SI units	0.1g	
127.	beta-Cypermethrin	with certificate of analysis traceable to SI units	0.1g	
128.	beta-Endosulfan	with certificate of analysis traceable to SI units	0.1g	
129.	beta-HCH	with certificate of analysis traceable to SI units	0.1g	
130.	Bifenazate	with certificate of analysis traceable to SI units	0.1g	
131.	Bifenthrin	with certificate of analysis traceable to SI units	0.1g	
132.	Bioallethrin	with certificate of analysis traceable to SI units	0.1g	
133.	Bioresmethrin	with certificate of analysis traceable to SI units	0.1g	

134.	Biphenyl	with certificate of analysis traceable to SI units	0.1g	
135.	Bistrifluron	with certificate of analysis traceable to SI units	0.1g	
136.	Biteratanol	with certificate of analysis traceable to SI units	0.1g	
137.	Biteratanol(Sigma)	with certificate of analysis traceable to SI units	0.1g	
138.	Boscalid	with certificate of analysis traceable to SI units	0.1g	
139.	Brodifacoum	with certificate of analysis traceable to SI units	0.1g	
140.	Bromacil	with certificate of analysis traceable to SI units	0.1g	
141.	Bromadiolone	with certificate of analysis traceable to SI units	0.1g	
142.	Bromofenvinphos-methyl	with certificate of analysis traceable to SI units	0.1g	
143.	Bromophos Methyl	with certificate of analysis traceable to SI units	0.1g	
144.	Bromophos-ethyl	with certificate of analysis traceable to SI units	0.1g	
145.	Bromoprophylate	with certificate of analysis traceable to SI units	0.1g	
146.	Bromoxynil	with certificate of analysis traceable to SI units	0.1g	
147.	Bromoxynil-Octanoate	with certificate of analysis traceable to SI units	0.1g	
148.	Bromuconazole (sum of diastereoisomers)	with certificate of analysis traceable to SI units	0.1g	
149.	Bupirimate	with certificate of analysis traceable to SI units	0.1g	
150.	Buprofezin	with certificate of analysis traceable to SI units	0.1g	

151.	BY108330 enol-glucoside	with certificate of analysis traceable to SI units	0.1g	
152.	BY108330- ketohydroxy	with certificate of analysis traceable to SI units	0.1g	
153.	BY108330-enol	with certificate of analysis traceable to SI units	0.1g	
154.	Captan	with certificate of analysis traceable to SI units	0.1g	
155.	Captan	with certificate of analysis traceable to SI units	0.1g	
156.	Carbaryl	with certificate of analysis traceable to SI units	0.1g	
157.	Carbendazim	with certificate of analysis traceable to SI units	0.1g	
158.	Carbendazime D3	with certificate of analysis traceable to SI units	0.1g	
159.	Carbofuran	with certificate of analysis traceable to SI units	0.1g	
160.	Carbofuran-3-hydroxy	with certificate of analysis traceable to SI units	0.1g	
161.	Carbophenothrin	with certificate of analysis traceable to SI units	0.1g	
162.	Carbosulfan	with certificate of analysis traceable to SI units	0.1g	
163.	Carbosulphan(Sigma)	with certificate of analysis traceable to SI units	0.1g	
164.	Carboxin	with certificate of analysis traceable to SI units	0.1g	
165.	Carboxin(Sigma)	with certificate of analysis traceable to SI units	0.1g	
166.	Carfentrazone-ethyl	with certificate of analysis traceable to SI units	0.1g	
167.	Cartap Hydrochloride	with certificate of analysis traceable to SI units	0.1g	

168.	Chlomazone	with certificate of analysis traceable to SI units	0.1g	
169.	Chlorantraniliprole	with certificate of analysis traceable to SI units	0.1g	
170.	Chlorbenzide	with certificate of analysis traceable to SI units	0.1g	
171.	Chlordane (technical)	with certificate of analysis traceable to SI units	0.1g	
172.	Chlorfenapyr	with certificate of analysis traceable to SI units	0.1g	
173.	Chlorfenson	with certificate of analysis traceable to SI units	0.1g	
174.	Chlorfenvinphos	with certificate of analysis traceable to SI units	0.1g	
175.	Chlorobenzilate	with certificate of analysis traceable to SI units	0.1g	
176.	Chloroneb	with certificate of analysis traceable to SI units	0.1g	
177.	Chlorothalonil	with certificate of analysis traceable to SI units	0.1g	
178.	Chlorpropham	with certificate of analysis traceable to SI units	0.1g	
179.	Chlorpyrifos	with certificate of analysis traceable to SI units	0.1g	
180.	Chlorpyrifos methyl D6	with certificate of analysis traceable to SI units	0.1g	
181.	Chlorpyrifos-Methyl	with certificate of analysis traceable to SI units	0.1g	
182.	Chlorsulfuron	with certificate of analysis traceable to SI units	0.1g	
183.	Chlorthal Dimethyl	with certificate of analysis traceable to SI units	0.1g	
184.	Chlorthiophos	with certificate of analysis traceable to SI units	0.1g	
185.	Chlozolate	with certificate of analysis traceable to SI units	0.1g	

186.	Cis chordane	with certificate of analysis traceable to SI units	0.1g	
187.	cis nonachlor	with certificate of analysis traceable to SI units	0.1g	
188.	Cis-1,2,3,6-Tetrahydrothalimide	with certificate of analysis traceable to SI units	0.1g	
189.	Clethodim	with certificate of analysis traceable to SI units	0.1g	
190.	Clofentezine	with certificate of analysis traceable to SI units	0.1g	
191.	Clopyralid	with certificate of analysis traceable to SI units	0.1g	
192.	Clothianidin	with certificate of analysis traceable to SI units	0.1g	
193.	Copper Oxychloride	with certificate of analysis traceable to SI units	0.1g	
194.	Coumaphos	with certificate of analysis traceable to SI units	0.1g	
195.	Coumatetralyl	with certificate of analysis traceable to SI units	0.1g	
196.	Cyanazine	with certificate of analysis traceable to SI units	0.1g	
197.	Cyanophos	with certificate of analysis traceable to SI units	0.1g	
198.	Cyantraniliprole	with certificate of analysis traceable to SI units	0.1g	
199.	Cycloate	with certificate of analysis traceable to SI units	0.1g	
200.	Cyflufenamid	with certificate of analysis traceable to SI units	0.1g	
201.	Cyflumetofen	with certificate of analysis traceable to SI units	0.1g	
202.	Cyflumetofen	with certificate of analysis traceable to SI units	0.1g	
203.	Cyfluthrin	with certificate of analysis traceable to SI units	0.1g	

204.	Cymoxanil	with certificate of analysis traceable to SI units	0.1g	
205.	Cypermethrin	with certificate of analysis traceable to SI units	0.1g	
206.	Cypermethrin (Technical)	with certificate of analysis traceable to SI units	0.1g	
207.	Cyphenothrin	with certificate of analysis traceable to SI units	0.1g	
208.	Cyproconazole	with certificate of analysis traceable to SI units	0.1g	
209.	Cyprodinil	with certificate of analysis traceable to SI units	0.1g	
210.	Cyromazine	with certificate of analysis traceable to SI units	0.1g	
211.	Dalapon	with certificate of analysis traceable to SI units	0.1g	
212.	D-Allethrin	with certificate of analysis traceable to SI units	0.1g	
213.	Daminozide	with certificate of analysis traceable to SI units	0.1g	
214.	Dazomet	with certificate of analysis traceable to SI units	0.1g	
215.	DDT (technical)	with certificate of analysis traceable to SI units	0.1g	
216.	Decafluorobenzophenone	with certificate of analysis traceable to SI units	0.1g	
217.	Delta-HCH	with certificate of analysis traceable to SI units	0.1g	
218.	Deltamethin (Cis Deltermethrin)	with certificate of analysis traceable to SI units	0.1g	
219.	Deltamethrin D6	with certificate of analysis traceable to SI units	0.1g	
220.	Demeton-S- methylsulfone	with certificate of analysis traceable to SI units	0.1g	
221.	Desmethyl pirimicarb	with certificate of analysis traceable to SI units	0.1g	

222.	Diafenthiuron	with certificate of analysis traceable to SI units	0.1g	
223.	Dialifos	with certificate of analysis traceable to SI units	0.1g	
224.	Diazinon	with certificate of analysis traceable to SI units	0.1g	
225.	Dichlobenil	with certificate of analysis traceable to SI units	0.1g	
226.	Dichlofenthion	with certificate of analysis traceable to SI units	0.1g	
227.	Dichlofluanid	with certificate of analysis traceable to SI units	0.1g	
228.	Dichloroaniline,3,4	with certificate of analysis traceable to SI units	0.1g	
229.	Dichlorobenzophenone 4,4	with certificate of analysis traceable to SI units	0.1g	
230.	Dichlorvos	with certificate of analysis traceable to SI units	0.1g	
231.	Dichlorvos D6	with certificate of analysis traceable to SI units	0.1g	
232.	Diclofop-Methyl	with certificate of analysis traceable to SI units	0.1g	
233.	Dicloran	with certificate of analysis traceable to SI units	0.1g	
234.	Dicofol	with certificate of analysis traceable to SI units	0.1g	
235.	Didecyl dimethylammonium chloride	with certificate of analysis traceable to SI units	0.1g	
236.	Dieldrin	with certificate of analysis traceable to SI units	0.1g	
237.	Dienochlor	with certificate of analysis traceable to SI units	0.1g	
238.	Diethofencarb	with certificate of analysis traceable to SI units	0.1g	
239.	Difenoconazole	with certificate of analysis traceable to SI units	0.1g	

240.	Difenoconazole D6	with certificate of analysis traceable to SI units	0.1g	
241.	Difethialone	with certificate of analysis traceable to SI units	0.1g	
242.	Diflubenzuron	with certificate of analysis traceable to SI units	0.1g	
243.	Dimefuron	with certificate of analysis traceable to SI units	0.1g	
244.	Dimethachlor	with certificate of analysis traceable to SI units	0.1g	
245.	Dimethenamid	with certificate of analysis traceable to SI units	0.1g	
246.	Dimethoate	with certificate of analysis traceable to SI units	0.1g	
247.	Dimethoate D6	with certificate of analysis traceable to SI units	0.1g	
248.	Dimethomorp	with certificate of analysis traceable to SI units	0.1g	
249.	Dimethylaminosulfotoluidide (DMST)	with certificate of analysis traceable to SI units	0.1g	
250.	Diniconazole	with certificate of analysis traceable to SI units	0.1g	
251.	Dinotefuran	with certificate of analysis traceable to SI units	0.1g	
252.	Diphenamide	with certificate of analysis traceable to SI units	0.1g	
253.	Diphenylamine	with certificate of analysis traceable to SI units	0.1g	
254.	Diquat dibromide monohydrate	with certificate of analysis traceable to SI units	0.1g	
255.	Disulfoton	with certificate of analysis traceable to SI units	0.1g	
256.	Disulfoton sulfoxide	with certificate of analysis traceable to SI units	0.1g	
257.	Dithianon	with certificate of analysis traceable to SI units	0.1g	

258.	Diuron	with certificate of analysis traceable to SI units	0.1g	
259.	Dodemorph	with certificate of analysis traceable to SI units	0.1g	
260.	D-trans-Phenothrin	with certificate of analysis traceable to SI units	0.1g	
261.	Edifenphos	with certificate of analysis traceable to SI units	0.1g	
262.	Emamectin benzoate	with certificate of analysis traceable to SI units	0.1g	
263.	Endosulfan	with certificate of analysis traceable to SI units	0.1g	
264.	Endosulfan alpha	with certificate of analysis traceable to SI units	0.1g	
265.	Endosulfan beta	with certificate of analysis traceable to SI units	0.1g	
266.	Endosulphan sulphate	with certificate of analysis traceable to SI units	0.1g	
267.	Endrin	with certificate of analysis traceable to SI units	0.1g	
268.	Endrin aldehyde	with certificate of analysis traceable to SI units	0.1g	
269.	Endrin ketone	with certificate of analysis traceable to SI units	0.1g	
270.	EPN	with certificate of analysis traceable to SI units	0.1g	
271.	Epoxiconazole	with certificate of analysis traceable to SI units	0.1g	
272.	Esbiothrin	with certificate of analysis traceable to SI units	0.1g	
273.	Esfenvalerate	with certificate of analysis traceable to SI units	0.1g	
274.	Ethaboxam	with certificate of analysis traceable to SI units	0.1g	
275.	Ethalfurazin	with certificate of analysis traceable to SI units	0.1g	

276.	Ethephon	with certificate of analysis traceable to SI units	0.1g	
277.	Ethion	with certificate of analysis traceable to SI units	0.1g	
278.	Ethirimol	with certificate of analysis traceable to SI units	0.1g	
279.	Ethoprophos	with certificate of analysis traceable to SI units	0.1g	
280.	Ethylan(perthane)	with certificate of analysis traceable to SI units	0.1g	
281.	Etofenprox	with certificate of analysis traceable to SI units	0.1g	
282.	Etoxazole	with certificate of analysis traceable to SI units	0.1g	
283.	Etridiazole	with certificate of analysis traceable to SI units	0.1g	
284.	Etrimfos	with certificate of analysis traceable to SI units	0.1g	
285.	Eugenol-methyl ether	with certificate of analysis traceable to SI units	0.1g	
286.	Famoxadone	with certificate of analysis traceable to SI units	0.1g	
287.	Fenamidone	with certificate of analysis traceable to SI units	0.1g	
288.	Fenamiphos	with certificate of analysis traceable to SI units	0.1g	
289.	Fenamiphos – sulfone	with certificate of analysis traceable to SI units	0.1g	
290.	Fenamiphos – sulfoxide	with certificate of analysis traceable to SI units	0.1g	
291.	Fenarimol	with certificate of analysis traceable to SI units	0.1g	
292.	Fenazaquin	with certificate of analysis traceable to SI units	0.1g	
293.	Fenbuconazole	with certificate of analysis traceable to SI units	0.1g	

294.	Fenbutatin Oxide	with certificate of analysis traceable to SI units	0.1g	
295.	Fenhexamid	with certificate of analysis traceable to SI units	0.1g	
296.	Fenitrothion	with certificate of analysis traceable to SI units	0.1g	
297.	Fenochlorphos	with certificate of analysis traceable to SI units	0.1g	
298.	Fenophos	with certificate of analysis traceable to SI units	0.1g	
299.	Fenoxaprop- ethyl	with certificate of analysis traceable to SI units	0.1g	
300.	Fenoxaprop-p-ethyl(R-enantiomer)	with certificate of analysis traceable to SI units	0.1g	
301.	Fenoxycarb		0.1g	
302.	Fenpropathrin	with certificate of analysis traceable to SI units	0.1g	
303.	Fenpropidin	with certificate of analysis traceable to SI units	0.1g	
304.	Fenpropimorph	with certificate of analysis traceable to SI units	0.1g	
305.	Fenpyrazamine	with certificate of analysis traceable to SI units	0.1g	
306.	Fenproximate (E)	with certificate of analysis traceable to SI units	0.1g	
307.	Fenpyroximate	with certificate of analysis traceable to SI units	0.1g	
308.	Fenpyroximate (E)	with certificate of analysis traceable to SI units	0.1g	
309.	Fenson	with certificate of analysis traceable to SI units	0.1g	
310.	Fenthion	with certificate of analysis traceable to SI units	0.1g	
311.	Fenthion Oxon	with certificate of analysis traceable to SI units	0.1g	

312.	Fenthion oxon sulfone	with certificate of analysis traceable to SI units	0.1g	
313.	Fenthion oxon sulfoxide	with certificate of analysis traceable to SI units	0.1g	
314.	Fenthion sulfone	with certificate of analysis traceable to SI units	0.1g	
315.	Fenthion sulfoxide	with certificate of analysis traceable to SI units	0.1g	
316.	Fenvalerate	with certificate of analysis traceable to SI units	0.1g	
317.	Fipronil	with certificate of analysis traceable to SI units	0.1g	
318.	Fipronil sulfone	with certificate of analysis traceable to SI units	0.1g	
319.	Flocoumafen	with certificate of analysis traceable to SI units	0.1g	
320.	Flonicamid	with certificate of analysis traceable to SI units	0.1g	
321.	Florasulam	with certificate of analysis traceable to SI units	0.1g	
322.	Fluazipfop p butyl	with certificate of analysis traceable to SI units	0.1g	
323.	Flubendiamide	with certificate of analysis traceable to SI units	0.1g	
324.	Fluchloralin	with certificate of analysis traceable to SI units	0.1g	
325.	Flucythrinate	with certificate of analysis traceable to SI units	0.1g	
326.	Fludioxonil	with certificate of analysis traceable to SI units	0.1g	
327.	Flufenacet	with certificate of analysis traceable to SI units	0.1g	
328.	Flufenoxuron	with certificate of analysis traceable to SI units	0.1g	
329.	Flumethrin	with certificate of analysis traceable to SI units	0.1g	

330.	Fluopicolide	with certificate of analysis traceable to SI units	0.1g	
331.	Fluopyram	with certificate of analysis traceable to SI units	0.1g	
332.	Fluquinconazole	with certificate of analysis traceable to SI units	0.1g	
333.	Flurasulam	with certificate of analysis traceable to SI units	0.1g	
334.	Fluridone	with certificate of analysis traceable to SI units	0.1g	
335.	Fluroxypyr	with certificate of analysis traceable to SI units	0.1g	
336.	Flusilazole	with certificate of analysis traceable to SI units	0.1g	
337.	Flutolanil		0.1g	
338.	Flutriafol	with certificate of analysis traceable to SI units	0.1g	
339.	Fluxapyroxad	with certificate of analysis traceable to SI units	0.1g	
340.	Folpet	with certificate of analysis traceable to SI units	0.1g	
341.	Fonophos	with certificate of analysis traceable to SI units	0.1g	
342.	Formetanate	with certificate of analysis traceable to SI units	0.1g	
343.	Fosetyl -aluminium	with certificate of analysis traceable to SI units	0.1g	
344.	Fosthiazate	with certificate of analysis traceable to SI units	0.1g	
345.	Furathiocarb	with certificate of analysis traceable to SI units	0.1g	
346.	Furilazole	with certificate of analysis traceable to SI units	0.1g	
347.	gamma BHC	with certificate of analysis traceable to SI units	0.1g	

348.	gamma-HCH (LINDANE)	with certificate of analysis traceable to SI units	0.1g	
349.	Glufosinat ammonium	with certificate of analysis traceable to SI units	0.1g	
350.	Glyphosate	with certificate of analysis traceable to SI units	0.1g	
351.	Glyphosate, isopropylamine salt	with certificate of analysis traceable to SI units	0.1g	
352.	Heptachlor	with certificate of analysis traceable to SI units	0.1g	
353.	Heptachlor-endo-epoxide(trans- Isomer A)	with certificate of analysis traceable to SI units	0.1g	
354.	Heptachlor-exo-epoxide(cis-Isomer B)	with certificate of analysis traceable to SI units	0.1g	
355.	Hexachlorobenzene	with certificate of analysis traceable to SI units	0.1g	
356.	Hexaconazole	with certificate of analysis traceable to SI units	0.1g	
357.	Hexazinone	with certificate of analysis traceable to SI units	0.1g	
358.	Hexythiazox	with certificate of analysis traceable to SI units	0.1g	
359.	Imazalil	with certificate of analysis traceable to SI units	0.1g	
360.	Imazapic	with certificate of analysis traceable to SI units	0.1g	
361.	Imazapyr	with certificate of analysis traceable to SI units	0.1g	
362.	Imidacloprid	with certificate of analysis traceable to SI units	0.1g	
363.	Iminoctadine tris(albesilate)	with certificate of analysis traceable to SI units	0.1g	
364.	Imiprothrin	with certificate of analysis traceable to SI units	0.1g	
365.	Indoxacarb	with certificate of analysis traceable to SI units	0.1g	

366.	Iodofenfos	with certificate of analysis traceable to SI units	0.1g	
367.	Iprodione	with certificate of analysis traceable to SI units	0.1g	
368.	Iprovalicarb	with certificate of analysis traceable to SI units	0.1g	
369.	Isocarbophos	with certificate of analysis traceable to SI units	0.1g	
370.	Isodrin	with certificate of analysis traceable to SI units	0.1g	
371.	Isofenphos-methyl	with certificate of analysis traceable to SI units	0.1g	
372.	Isopropalin	with certificate of analysis traceable to SI units	0.1g	
373.	Isoprothiolane	with certificate of analysis traceable to SI units	0.1g	
374.	Isoxaflutole	with certificate of analysis traceable to SI units	0.1g	
375.	Isozafos	with certificate of analysis traceable to SI units	0.1g	
376.	Kresoxim-Methyl	with certificate of analysis traceable to SI units	0.1g	
377.	Lambda-Cyhalothrin	with certificate of analysis traceable to SI units	0.1g	
378.	Lenacil	with certificate of analysis traceable to SI units	0.1g	
379.	Leptofos	with certificate of analysis traceable to SI units	0.1g	
380.	Linuron	with certificate of analysis traceable to SI units	0.1g	
381.	Lufenuron	with certificate of analysis traceable to SI units	0.1g	
382.	Malaoxon	with certificate of analysis traceable to SI units	0.1g	
383.	Malathion	with certificate of analysis traceable to SI units	0.1g	

384.	Malathion D10	with certificate of analysis traceable to SI units	0.1g	
385.	Mancozeb	with certificate of analysis traceable to SI units	0.1g	
386.	Mandipropamid	with certificate of analysis traceable to SI units	0.1g	
387.	MCPA	with certificate of analysis traceable to SI units	0.1g	
388.	Mecarbam	with certificate of analysis traceable to SI units	0.1g	
389.	Mecoprop-P	with certificate of analysis traceable to SI units	0.1g	
390.	Melamine	with certificate of analysis traceable to SI units	0.1g	
391.	Mepanipyrim	with certificate of analysis traceable to SI units	0.1g	
392.	Mesotrione	with certificate of analysis traceable to SI units	0.1g	
393.	Metaflumizone (sum of E- and Z-isomers)	with certificate of analysis traceable to SI units	0.1g	
394.	Metalaxyl	with certificate of analysis traceable to SI units	0.1g	
395.	Metalaxyl-M	with certificate of analysis traceable to SI units	0.1g	
396.	Metalochlor	with certificate of analysis traceable to SI units	0.1g	
397.	Metazachlor	with certificate of analysis traceable to SI units	0.1g	
398.	Methacrifos	with certificate of analysis traceable to SI units	0.1g	
399.	Methamidophos	with certificate of analysis traceable to SI units	0.1g	
400.	Methidathion	with certificate of analysis traceable to SI units	0.1g	
401.	Methiocarb	with certificate of analysis traceable to SI units	0.1g	

402.	Methiocarb sulfone	with certificate of analysis traceable to SI units	0.1g	
403.	Methiocarb sulfoxide	with certificate of analysis traceable to SI units	0.1g	
404.	Methomyl	with certificate of analysis traceable to SI units	0.1g	
405.	Methoxychlor	with certificate of analysis traceable to SI units	0.1g	
406.	Methoxyfenoxide	with certificate of analysis traceable to SI units	0.1g	
407.	Metiram	with certificate of analysis traceable to SI units	0.1g	
408.	Metofluthrin	with certificate of analysis traceable to SI units	0.1g	
409.	Metominostrobin (E)	with certificate of analysis traceable to SI units	0.1g	
410.	Metrafenone	with certificate of analysis traceable to SI units	0.1g	
411.	Metribuzin	with certificate of analysis traceable to SI units	0.1g	
412.	Mevinphos	with certificate of analysis traceable to SI units	0.1g	
413.	MGK 264	with certificate of analysis traceable to SI units	0.1g	
414.	MGK 264 1&2	with certificate of analysis traceable to SI units	0.1g	
415.	Milbemectin A3	with certificate of analysis traceable to SI units	0.1g	
416.	Milbemectin A4	with certificate of analysis traceable to SI units	0.1g	
417.	Mirex	with certificate of analysis traceable to SI units	0.1g	
418.	Monocrotophos	with certificate of analysis traceable to SI units	0.1g	
419.	Myclobutanyl	with certificate of analysis traceable to SI units	0.1g	

420.	N-2,4-Dimethylphenyl-N-methylformamidine	with certificate of analysis traceable to SI units	0.1g	
421.	n-Docosane	with certificate of analysis traceable to SI units	0.1g	
422.	Nicosulfuron	with certificate of analysis traceable to SI units	0.1g	
423.	Nicotine	with certificate of analysis traceable to SI units	0.1g	
424.	Nitralin	with certificate of analysis traceable to SI units	0.1g	
425.	NitroFen	with certificate of analysis traceable to SI units	0.1g	
426.	Nonachlor	with certificate of analysis traceable to SI units	0.1g	
427.	Novaluron	with certificate of analysis traceable to SI units	0.1g	
428.	Omethoate	with certificate of analysis traceable to SI units	0.1g	
429.	Orthophenylphenol (Free compound only)	with certificate of analysis traceable to SI units	0.1g	
430.	Oxadiazon	with certificate of analysis traceable to SI units	0.1g	
431.	Oxadixyl	with certificate of analysis traceable to SI units	0.1g	
432.	Oxamyl	with certificate of analysis traceable to SI units	0.1g	
433.	Oxamyl-oxime	with certificate of analysis traceable to SI units	0.1g	
434.	Oxycarboxin	with certificate of analysis traceable to SI units	0.1g	
435.	Oxy-Chlordane	with certificate of analysis traceable to SI units	0.1g	
436.	Oxydemeton-methyl	with certificate of analysis traceable to SI units	0.1g	
437.	Oxyfluorfen	with certificate of analysis traceable to SI units	0.1g	

438.	Paclobutrazole	with certificate of analysis traceable to SI units	0.1g	
439.	Paraoxon- methyl	with certificate of analysis traceable to SI units	0.1g	
440.	Paraquat-dichloride	with certificate of analysis traceable to SI units	0.1g	
441.	Parathion	with certificate of analysis traceable to SI units	0.1g	
442.	Parathion-ethyl	with certificate of analysis traceable to SI units	0.1g	
443.	Parathion-methyl	with certificate of analysis traceable to SI units	0.1g	
444.	Pebulate	with certificate of analysis traceable to SI units	0.1g	
445.	Penconazole	with certificate of analysis traceable to SI units	0.1g	
446.	Pencycuron	with certificate of analysis traceable to SI units	0.1g	
447.	Pendimethalin	with certificate of analysis traceable to SI units	0.1g	
448.	Pentachloroaniline	with certificate of analysis traceable to SI units	0.1g	
449.	Pentachloroanisole	with certificate of analysis traceable to SI units	0.1g	
450.	Pentachlorobenzene	with certificate of analysis traceable to SI units	0.1g	
451.	Pentachlorobenzonitrile	with certificate of analysis traceable to SI units	0.1g	
452.	Pentachlorothioanisole	with certificate of analysis traceable to SI units	0.1g	
453.	Permethrin	with certificate of analysis traceable to SI units	0.1g	
454.	Petachlorobenzene	with certificate of analysis traceable to SI units	0.1g	
455.	Phenothrin	with certificate of analysis traceable to SI units	0.1g	

456.	Phenoxyaceticacid	with certificate of analysis traceable to SI units	0.1g	
457.	Phenthoate	with certificate of analysis traceable to SI units	0.1g	
458.	Phenyl phenol	with certificate of analysis traceable to SI units	0.1g	
459.	Phorate	with certificate of analysis traceable to SI units	0.1g	
460.	Phosalone	with certificate of analysis traceable to SI units	0.1g	
461.	Phosmet	with certificate of analysis traceable to SI units	0.1g	
462.	Phosmet oxon	with certificate of analysis traceable to SI units	0.1g	
463.	Phosphamidon	with certificate of analysis traceable to SI units	0.1g	
464.	Phoxim	with certificate of analysis traceable to SI units	0.1g	
465.	Picloram	with certificate of analysis traceable to SI units	0.1g	
466.	Picoxystrobin	with certificate of analysis traceable to SI units	0.1g	
467.	Pinoxaden	with certificate of analysis traceable to SI units	0.1g	
468.	Piperalin	with certificate of analysis traceable to SI units	0.1g	
469.	Piperonyl butoxide	with certificate of analysis traceable to SI units	0.1g	
470.	Pirimicarb	with certificate of analysis traceable to SI units	0.1g	
471.	Pirimicarb-desmethyl	with certificate of analysis traceable to SI units	0.1g	
472.	Pirimiphos-Methyl	with certificate of analysis traceable to SI units	0.1g	
473.	Polyoxin B Neat	with certificate of analysis traceable to SI units	0.1g	

474.	Prallethrin	with certificate of analysis traceable to SI units	0.1g	
475.	Prochloraz	with certificate of analysis traceable to SI units	0.1g	
476.	Procymidone	with certificate of analysis traceable to SI units	0.1g	
477.	Prodiamine	with certificate of analysis traceable to SI units	0.1g	
478.	Profenofos	with certificate of analysis traceable to SI units	0.1g	
479.	Profluralin	with certificate of analysis traceable to SI units	0.1g	
480.	Prometryn	with certificate of analysis traceable to SI units	0.1g	
481.	Propachlor	with certificate of analysis traceable to SI units	0.1g	
482.	Propamocarb	with certificate of analysis traceable to SI units	0.1g	
483.	Propamocarb hydrochloride	with certificate of analysis traceable to SI units	0.1g	
484.	Propanil	with certificate of analysis traceable to SI units	0.1g	
485.	Propaquizafop	with certificate of analysis traceable to SI units	0.1g	
486.	Propargite	with certificate of analysis traceable to SI units	0.1g	
487.	Propazamide	with certificate of analysis traceable to SI units	0.1g	
488.	Propazine	with certificate of analysis traceable to SI units	0.1g	
489.	Propiconazole	with certificate of analysis traceable to SI units	0.1g	
490.	Propineb	with certificate of analysis traceable to SI units	0.1g	
491.	Propisochlor	with certificate of analysis traceable to SI units	0.1g	

492.	Propoxur	with certificate of analysis traceable to SI units	0.1g	
493.	Propyzamide	with certificate of analysis traceable to SI units	0.1g	
494.	Proquinazid	with certificate of analysis traceable to SI units	0.1g	
495.	Prosulfocarb	with certificate of analysis traceable to SI units	0.1g	
496.	Prothioconazole	with certificate of analysis traceable to SI units	0.1g	
497.	Prothiofos	with certificate of analysis traceable to SI units	0.1g	
498.	Pthalimide	with certificate of analysis traceable to SI units	0.1g	
499.	Pymetrozine	with certificate of analysis traceable to SI units	0.1g	
500.	Pyracarbolid	with certificate of analysis traceable to SI units	0.1g	
501.	Pyrachlofos	with certificate of analysis traceable to SI units	0.1g	
502.	Pyraclostrobin	with certificate of analysis traceable to SI units	0.1g	
503.	Pyrazophos	with certificate of analysis traceable to SI units	0.1g	
504.	Pyrdaphenothion	with certificate of analysis traceable to SI units	0.1g	
505.	Pyrethrins(technical)	with certificate of analysis traceable to SI units	0.1g	
506.	Pyridaben	with certificate of analysis traceable to SI units	0.1g	
507.	Pyridalyl	with certificate of analysis traceable to SI units	0.1g	
508.	Pyrimethanil	with certificate of analysis traceable to SI units	0.1g	
509.	Pyriproxyfen	with certificate of analysis traceable to SI units	0.1g	

510.	Quinalphos	with certificate of analysis traceable to SI units	0.1g	
511.	Quinoxifen	with certificate of analysis traceable to SI units	0.1g	
512.	Quitozene	with certificate of analysis traceable to SI units	0.1g	
513.	Resmethrin	with certificate of analysis traceable to SI units	0.1g	
514.	Sethoxydim	with certificate of analysis traceable to SI units	0.1g	
515.	Simazine	with certificate of analysis traceable to SI units	0.1g	
516.	S-Metolachlor	with certificate of analysis traceable to SI units	0.1g	
517.	Spinetoram	with certificate of analysis traceable to SI units	0.1g	
518.	Spinosad	with certificate of analysis traceable to SI units	0.1g	
519.	Spirodiclofen	with certificate of analysis traceable to SI units	0.1g	
520.	Spiromesifen	with certificate of analysis traceable to SI units	0.1g	
521.	Spirotetramat	with certificate of analysis traceable to SI units	0.1g	
522.	Spirotetramat metabolite BYI08330 enol-glucoside	with certificate of analysis traceable to SI units	0.1g	
523.	Spirotetramat metabolite BYI08330-enol	with certificate of analysis traceable to SI units	0.1g	
524.	Spirotetramat metabolite BYI08330-ketohydroxy	with certificate of analysis traceable to SI units	0.1g	
525.	Spirotetramat metabolite BYI08330-monohydroxy	with certificate of analysis traceable to SI units	0.1g	
526.	Spirotetramat-enol	with certificate of analysis traceable to SI units	0.1g	
527.	Spiroxamine	with certificate of analysis traceable to SI units	0.1g	

528.	Sulfosufuron	with certificate of analysis traceable to SI units	0.1g	
529.	Sulfotep	with certificate of analysis traceable to SI units	0.1g	
530.	Sulfoxaflor	with certificate of analysis traceable to SI units	0.1g	
531.	Sulprofos	with certificate of analysis traceable to SI units	0.1g	
532.	Tau-Fluvalinate	with certificate of analysis traceable to SI units	0.1g	
533.	Tebuconazole	with certificate of analysis traceable to SI units	0.1g	
534.	Tebufenozide	with certificate of analysis traceable to SI units	0.1g	
535.	Tebufenpyrad	with certificate of analysis traceable to SI units	0.1g	
536.	Tebuthiuron	with certificate of analysis traceable to SI units	0.1g	
537.	Tebuthylazine	with certificate of analysis traceable to SI units	0.1g	
538.	Tecazene	with certificate of analysis traceable to SI units	0.1g	
539.	Teflubenzuron	with certificate of analysis traceable to SI units	0.1g	
540.	Tefluthalin	with certificate of analysis traceable to SI units	0.1g	
541.	Tefluthrin	with certificate of analysis traceable to SI units	0.1g	
542.	Tembotrione	with certificate of analysis traceable to SI units	0.1g	
543.	Temephos	with certificate of analysis traceable to SI units	0.1g	
544.	Terbacil	with certificate of analysis traceable to SI units	0.1g	
545.	Terbufos	with certificate of analysis traceable to SI units	0.1g	

546.	Terbuthylazine	with certificate of analysis traceable to SI units	0.1g	
547.	Tetrachloroaniline 2,3,5,6	with certificate of analysis traceable to SI units	0.1g	
548.	Tetrachlorvinphors	with certificate of analysis traceable to SI units	0.1g	
549.	Tetraconazole	with certificate of analysis traceable to SI units	0.1g	
550.	Tetradifon	with certificate of analysis traceable to SI units	0.1g	
551.	Tetrahydrophthalimide (THPI)	with certificate of analysis traceable to SI units	0.1g	
552.	Tetramethrin	with certificate of analysis traceable to SI units	0.1g	
553.	Thiabendazole	with certificate of analysis traceable to SI units	0.1g	
554.	Thiacloprid	with certificate of analysis traceable to SI units	0.1g	
555.	Thiamethoxam	with certificate of analysis traceable to SI units	0.1g	
556.	Thiocyclam hydrogenoxalate	with certificate of analysis traceable to SI units	0.1g	
557.	Thiodicarb	with certificate of analysis traceable to SI units	0.1g	
558.	Thiophanate-methyl	with certificate of analysis traceable to SI units	0.1g	
559.	Thiram	with certificate of analysis traceable to SI units	0.1g	
560.	THPI tetrahydrophthalimide	with certificate of analysis traceable to SI units	0.1g	
561.	Tolclofos-methyl	with certificate of analysis traceable to SI units	0.1g	
562.	Tolyfluanid	with certificate of analysis traceable to SI units	0.1g	
563.	Toxaphene	with certificate of analysis traceable to SI units	0.1g	

564.	Tralkoxydim	with certificate of analysis traceable to SI units	0.1g	
565.	Tralomethrin	with certificate of analysis traceable to SI units	0.1g	
566.	Trans chlordane	with certificate of analysis traceable to SI units	0.1g	
567.	Trans-1,3 Dichloropropene	with certificate of analysis traceable to SI units	0.1g	
568.	Trans-Chlordane gamma	with certificate of analysis traceable to SI units	0.1g	
569.	Trans-Deltamethrin(D6)dimethyl D6	with certificate of analysis traceable to SI units	0.1g	
570.	Transfluthrin	with certificate of analysis traceable to SI units	0.1g	
571.	Trans Nonachlor	with certificate of analysis traceable to SI units	0.1g	
572.	Triadimefon	with certificate of analysis traceable to SI units	0.1g	
573.	Triadimenol	with certificate of analysis traceable to SI units	0.1g	
574.	Triallate	with certificate of analysis traceable to SI units	0.1g	
575.	Triazophos	with certificate of analysis traceable to SI units	0.1g	
576.	Tribenuron-methyl(Tech)	with certificate of analysis traceable to SI units	0.1g	
577.	Trichlorfon	with certificate of analysis traceable to SI units	0.1g	
578.	Triclopyr	with certificate of analysis traceable to SI units	0.1g	
579.	Tricyclazole	with certificate of analysis traceable to SI units	0.1g	
580.	Trifloxystrobin	with certificate of analysis traceable to SI units	0.1g	
581.	Trifloxysulfuron Sodium	with certificate of analysis traceable to SI units	0.1g	

582.	Triflumizole	with certificate of analysis traceable to SI units	0.1g	
583.	Triflumizole metabolite (FM-6-1)	with certificate of analysis traceable to SI units	0.1g	
584.	Triflumuron	with certificate of analysis traceable to SI units	0.1g	
585.	Trifluralin	with certificate of analysis traceable to SI units	0.1g	
586.	Triticonazole	with certificate of analysis traceable to SI units	0.1g	
587.	Vinclozolin	with certificate of analysis traceable to SI units	0.1g	
588.	Zeta-Cypermethrin	with certificate of analysis traceable to SI units	0.1g	
589.	Ziram	with certificate of analysis traceable to SI units	0.1g	
590.	Zoxamide	with certificate of analysis traceable to SI units	0.1g	
591.	Cadusafos	with certificate of analysis traceable to SI units	0.1g	
592.	Camphechlor(Toxaphene)	with certificate of analysis traceable to SI units	0.1g	
593.	Captafol	with certificate of analysis traceable to SI units	0.1g	

LOT 5: SUPPLY AND DELIVERY OF ANALYTICAL CERTIFIED REFERENCE MATERIALS (CRMs)

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	Unit Price
	Poly chlorinated biphenyls (PCBs)with certificate of analysis traceable to SI units			
1.	PCB 110	with certificate of analysis traceable to SI units	pc	

2.	PCB 118	with certificate of analysis traceable to SI units		
3.	PCB 128	with certificate of analysis traceable to SI units		
4.	PCB 138	with certificate of analysis traceable to SI units		
5.	PCB 153	with certificate of analysis traceable to SI units		
6.	PCB 180	with certificate of analysis traceable to SI units		
7.	PCB 196	with certificate of analysis traceable to SI units		
8.	PCB 28	with certificate of analysis traceable to SI units		
9.	PCB 31	with certificate of analysis traceable to SI units		
10.	PCB 101	with certificate of analysis traceable to SI units		
11.	PCB 114	with certificate of analysis traceable to SI units		
12.	PCB 149	with certificate of analysis traceable to SI units		
13.	PCB 155	with certificate of analysis traceable to SI units		
14.	PCB 18	with certificate of analysis traceable to SI units		
15.	PCB 194	with certificate of analysis traceable to SI units		
16.	PCB 206	with certificate of analysis traceable to SI units		
17.	PCB 52	with certificate of analysis traceable to SI units		
18.	PCB 44	with certificate of analysis traceable to SI units		

	Polycyclic Aromatic Hydrocarbons			
19.	Acenaphthylene	with certificate of analysis traceable to SI units		
20.	Acenaphthene	with certificate of analysis traceable to SI units		
21.	Anthracene	with certificate of analysis traceable to SI units		
22.	Benz[a]anthracene	with certificate of analysis traceable to SI units		
23.	Chrysene	with certificate of analysis traceable to SI units		
24.	Benzo[k]fluoranthene	with certificate of analysis traceable to SI units		
25.	Benzo[ghi]perylene	with certificate of analysis traceable to SI units		
26.	Benzo[a]pyrene	with certificate of analysis traceable to SI units		
27.	Dibenz[a,h]anthracene	with certificate of analysis traceable to SI units		
28.	Fluoranthene	with certificate of analysis traceable to SI units		
29.	Fluorene	with certificate of analysis traceable to SI units		
30.	Indeno[1,2,3-cd] pyrene	with certificate of analysis traceable to SI units		
31.	Naphthalene	with certificate of analysis traceable to SI units		
32.	Naphthalene, 1-methyl-	with certificate of analysis traceable to SI units		
33.	Naphthalene, 2-methyl-	with certificate of analysis traceable to SI units		

34.	Phenanthrene	with certificate of analysis traceable to SI units		
35.	Pyrene	with certificate of analysis traceable to SI units		
36.	Terphenyl -d14	with certificate of analysis traceable to SI units		

LOT 6: SUPPLY AND DELIVERY OF MOLECULAR REAGENTS AND CHEMICALS

No	Item	Specification	Unit of Measure	UNIT PRICE (Inclusive of all taxes)
1.	PCR master mix	Thermo Scientific Dream Taq PCR, Master Mix (2X), K1072 1000 rxns.	Pc	
2.	qPCR Probe Master	2x Master mix for real-time PCR, 100mls, Cat No. PCR-360	pc	
3.	MMLV Reverse transcriptase	MMLV RT (New England Bio labs) 50,000 units cat No:M0253L	Pc	
4.	PCR master mix	SCRIPT cDNA Synthesis Kit, Jena Biosciences, 100 reactions x 20 µl.Cat No. PCR-511S	Pc	
5.	PCR master mix	2X hot start taq master mix, New England Biolabs 500rxns pack	Pc	
6.	dNTPs	Deoxynucleotide(dNTP) solution set 100mM each	Pc	
7.	Taq DNA polymerase	Hot start Taq DNA polymerase, New England Biolabs, 200 units	Pc	
8.	DNA Ladder	Hyper Ladder (Bioline) 50bp, Cat No. BIO-33040(500 lanes, 1 kb hyper Ladder (Bioline)	Pc	

No	Item	Specification	Unit of Measure	UNIT PRICE (Inclusive of all taxes)
9.	DNA Ladder	CAT no BIO-33053 100 lanes,100 bp Hyper Ladder (Bioline)	Pc	
10.	DNA Ladder	CAT no BIO-33030 500 lanes	PC	
11.	Gel Red Nucleic Acid stain	Gel Red Nucleic Acid stain 10,000X in DMSO – Biotium, 2ml tube	Pc	
12.	Nuclease free water	500ml RNase/DNase free water	500ml	
13.	Agarose	TopVision, Cat No. R0492 Thermo Scientific 500g	500g	
14.	Isopropanol	Molecular grade, 2.5 litres 99.7%	2.5ltrs	
15.	Loading dye	DNA Gel Loading Dye (6X) 5mls	pc	
16.	Sodium Hypochlorite	10-12% Sodium Hypochlorite,5 litres pack	5ltrs	
17.	Ethanol (absolute)	Molecular\analytical Grade a bottle of 2.5 litres	2.5ltrs	
18.	Ethanol (absolute)	GPR grade, a bottle of 2.5 litres	2.5ltrs	
19.	CTAB chemical	Cetyltrimethylammonium ammonium bromide (CTAB), 500g	500g	
20.	Sodium Chloride	Sodium Chloride (Salt), High Purity Crystals, M.W 163.39,500g	500g	
21.	Chloroform	Chloroform Chemical, Packaging Type: Glass Bottle, Packaging Size: 2.5 litres	2.5ltrs	
22.	Tris base	Scientific Research Tris-base 77-86-1 Sigma, 500g	500g	
23.	PVP	Polyvinylpyrrolidone, (PVP-40),500g	500g	
24.	EDTA	Sodium dodecyl sulfate (SDS), 500g	500g	
25.	Boric Acid	Boric acid odorless Pum med M.W 61.84 g/mol,500g	500g	
26.	Sodium Sulphite	Sodium Sulfite, 99% min, Anhydrous, Na ₂ SO ₃ , M.W 146.043,500g	500g	
27.	Primers	Primers for detection	set	
28.	Sequencing	Sequencing samples		

No	Item	Specification	Unit of Measure	UNIT PRICE (Inclusive of all taxes)
29.	V 8 media	500gm from HI media	500g	
30.	Potato Dextrose agar (PDA)	500gm from HI media	500g	
31.	Malt Extra Agar	500 from HI media	500g	
32.	Czapex dox media	500 ml from Hi media	500ml	
33.	General agar	500gm	500gm	
34.	Streptomycin sulphate	50gm	50gm	
35.	Potassium dihydrogen phosphate (KH ₂ PO ₄)	Loba chemie	500gms	
36.	Disodium hydrogen phosphate dihydrate (Na ₂ HPO ₄ . 2H ₂ O)	Sigma-Aldrich	500gms	
37.	Silica Gel	Self-indicating blue	500gms	
38.	Taqman GMO screening kit	Taqman GMO screening kit ABI Applied Biosystems 4466334	Kit	
39.	Taqman GMO quantification kits	TaqMan™ GMO Maize Quantification Kit	Kit	
40.	Ammonium Nitrate	NH ₄ NO ₃	500g	
41.	Potassium Nitrate	KNO ₃	500g	
42.	Magnesium Sulfate	MGSO ₄ .7H ₂ O	500g	
43.	Manganese Sulfate	MNSO ₄ .4H ₂ O	500g	
44.	Calcium Chloride	CaCl ₂ .2H ₂ O	500g	
45.	Potassium Phosphate	KH ₂ PO ₄	500g	
46.	Inositol	For plant tissue culture	500g	
47.	Sucrose	Table sugar/with COA	500g	
48.	Zinc Sulfate	ZnSO ₄ .7H ₂ O	500g	
49.	Copper Sulfate	CuSO ₄ .5H ₂ O	500g	
50.	Potassium Iodide	KI	500g	
51.	Cobalt Chloride	CoCl ₂ .6H ₂ O	500g	
52.	Boric Acid	H ₃ BO ₃	500g	

No	Item	Specification	Unit of Measure	UNIT PRICE (Inclusive of all taxes)
53.	Molybdc Acid	NaMoO ₄ .2H ₂ O	500g	
54.	Ferrous Sulfate	FeSO ₄ .7H ₂ O	500g	
55.	Sodium-EDTA	Na ₂ -EDTA	500g	
56.	Glycine	For plant tissue culture	2.5l	
57.	Nicotinic Acid	For plant tissue culture	2.5L	
58.	Pyridoxine-HCL	For plant tissue culture	2.5L	
59.	Thiamine-HCL	For plant tissue culture	2.5L	
60.	Giberellic acid (GA3)	For plant tissue culture	2.5 L	
61.	Benzyl Ammino Purine (BAP)	For plant tissue culture	2.5L	
62.	Indole Butyric Acid (IBA)	For plant tissue culture	2.5l	
63.	Sorbitol	For plant tissue culture	500g	

LOT 7: SUPPLY AND DELIVERY OF MOLECULAR CONSUMABLES

NO.	ITEM	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE (Inclusive of all taxes)
1.	PCR plates adhesive covers	Adhesive covers MicroAmp Optical Adhesive Film Thermo fisher scientific Catalog number: 4311971 (a packet of 100 pcs)	pkt	
2.	PCR Plates	PCR 96-well Plate, 0.2ml, Clear (non-Skirted/semi-Skirted) (50plates/case)	case	
3.	Microfuge tubes	Safe lock tubes, clear ,1.5ml, Eppendorf tubes PCR clean centrifugation up to 30 000 x g,(packet of 1000pcs)	Pkt	
4.	Microfuge tubes	Safe lock tubes, clear 2.0ml, Eppendorf tubes PCR clean centrifugation up to 30 000 x g, (packet of 1000pcs)	Pkt	
5.	Filtred tips	Filtered micropipette tips ,200µl(1 box of 10 racks)	Box	
6.	Filtred tips	Filtered micropipette tips ,5-10 µl,(1 box of 10 racks)	Box	

7.	Filtred tips	Filtered micropipette tips ,1000 µl,(1 box of 10 racks	Box	
8.	Non-filtered micropipette tips	Non-filtered, size-2-200µl(Package of 1000)	Pkt	
9.	Non-filtered micropipette tips	Non-filtered, clear, Size:0.1-10µl (Package of 1000)	Pkt	
10.	Non-filtered micropipette tips	Non-filter (micropipette: Clear,100-1000µl)(Package of 1000)	Pkt	
11.	Scalpel blade holders (suitable for blade No 24 and 11)	Suitable for blade (Size No 24 and 11)	Pkt	
12.	Scapel blades	Size 24	pkt	
13.	Microscope Slides	Clear glass non-frosted, size 25.4*76.3mm (1*3), 1mm-1.2mm thick	Pkt	
14.	Filter paper	80mm	Pkt	
15.	Plastic Petri dishes	Disposable sterile petri dishes (Size dimension 90mm and 14.2 mm Height) From JRZ PLASTILAB9(Abox of 500pcs)	Box	
16.	Parafilm	Roll (4 inch by 125 fts)	Roll	
17.	Hemocytometer	Neubauer chamber's counting grid is 3 mm x 3 mm in size.	Pc	
18.	Adhesive labels	4 x 2 cm size	Pkts	
19.	Milk filter paper	240mm disk (round)	Pkt	
20.	Microscope Slides & cover slips	Clear glass non-frosted, size 25.4*76.3mm (1*3), 1mm1.2mm thick	pkt	
21.	Polyethene bags (for grafting)	15cm × 30cm(50 pcs per pack)	Packet	
22.	Boats/troughs	Plastic 1000mls	Packet	
23.	Membrane washing plates	Plastic 1000ml plates	Packets	
24.	Carborundum (silicon carbide)	Sharp with abrasive properties	PC	
25.	Stirrer and stirring rods	Medium, large 1 rod each	Pc	

26.	Ziplock Bags	4x6'' zip lock bags, clear with labelling side, 300 gauge thickness, pack of 100 pcs	Pkt	
27.	Ziplock bags	Sealable, Clear Plastic, 12" x 18" inch in size, 300 gauge thickness, pack of 100pcs	Pkt	
28.	Plastic Petri dishes	Disposable sterile petri dishes (9mmx9mm diameter) a box of 500pcs	Box	
29.	Glass petri dishes	Autoclavable Standard Size, 90 mm (diameter) × 15 mm (height)Used for bacterial, fungal, and general microbiological cultures	Box	
30.	Glass petri dishes	Autoclavable Smaller Sizes (For Limited Samples or Spot Testing) 35 mm × 10 mm → Used for single-colony isolation	Box	
31.	Wire loops	Able to scoop 1ul culture growth/broth	pkt	
32.	Wire loops	Able to scoop 10ul culture growth/broth	pkt	
33.	Wire loops	Able to scoop 50ul culture growth/broth	pkt	
34.	Plastic inoculating loops for pure culturing	Able to scoop 1-10ul culture growth/broth a pack of 20 pcs	pack	
35.	Biohazard bag	1 Box of 24*30-inch gauge 300,	Pack	
36.	Biohazard bags	Autoclaveable, 8.4*11 inch	Pack	
37.	PCR tubes and caps	Invitrogen PCR Tubes & Caps, RNase-free, 0.2 mL (8-strip format) suitable for optical qPCR box of 125 strips and caps	pkts	
73.	Forceps	7 inches length, stainless steel, serrated tip	pkt	
74.	Forceps	12 inches length, stainless steel, serrated tip	pkt	
75.	Test tubes	20mm x 150mm, pyrex glass/autoclavable	pcs	
76.	Plastic plant tissue culture containers with lids	1 litre capacity	pcs	
77.	Plant tissue culture Baby culture jars with caps	autoclavable, 220ml capacity	pcs	
78.	Insect Pins	Black steel insect pins hardened and tempered	pcs	

	Black steel insect pins hardened and tempered	Fabricated from spring steel with a smooth, black enamel finish, gold nylon heads Packaged in envelopes of 100 pins. Save with the Variety Pack of 1 envelope of each size, 700 pins total count		
79.		Size 00 ;38 x 0.30 mm diameter	pcs	
80.		Size 0; 38 x 0.35 mm diameter	pcs	
81.		Size 1; 38 x 0.40 mm diameter	pcs	
82.		Size 2; 38 x .45 mm diameter	pcs	
83.		Size 3; 38 x 0.50 mm diameter	pcs	
84.		Size 4; 38 x 0.55 mm diameter	pcs	
85.	Finest headless insect micro-pins	Finest headless insect micro-pins	pcs	
		Sizes		
		S44-015 500 pins envelop diam. 0,15 l. 12	pcs	
		S44-020 500 pins envelop diam. 0,20 l. 12	pcs	
86.	Insect mounting strips	Nu-poly strips white dense material precisely cut into strips 60mm long 4 mm x 3 mm	pcs	
87.	Lepidopteran spreading mounting strips	Insect butterfly wing spreading strips vellum paper	pcs	
88.	Mounting cards	Triangular and Rectangular	pcs	
89.	Gloves	Latex, powder free, size Medium, large,extralarge, Box of 10pkts	Box	

LOT 8: SUPPLY AND DELIVERY OF MOLECULAR ANTIBIOTICS

NO	ITEM	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE (Inclusive of all taxes)
1.	Antibiotics	Neomycin	Pkt	
2.		Streptomycin	Pkt	
3.		Penicillin G sodium Salt	Pkt	
4.		Polymixin B Sulphate	Pkt	
5.		Chloramophenical- water soluble	Pkt	

6.		Streptomycin sulphate salt	Pkt	
7.		2,3,5triphenyl tetrazolium chloride	Pkt	
8.		Trimethoprim	Pkt	
9.		Bacitracin	Pkt	
10.		Cycloheximide	Pkt	
11.		Cephalexin	Pkt	
12.		D- methionine	Pkt	
13.		Vancomycin	Pkt	
14.		Gentamycin Sulphate	Pkt	
15.		Pyrodoxine HCl	Pkt	
16.		Nitrofuratoin	Pkt	
17.		Oxacillin Sodium salt Monohydrate	Pkt	
18.		Nalidixic acid	Pkt	
19.		DL-Dithiothreitol	Pkt	
20.		Ampicilin Sodium	Pkt	
21.		Oxacillin Sodium salt Monohydrate	Pkt	
22.		Nalidixic acid	Pkt	
23.		DL-Dithiothreitol	Pkt	
24.		Ampicilin Sodium	Pkt	
25.		Chloramphenicol	Pkt	
26.		Kasugamycin	Pkt	

Name of tenderer.....

Signature of tenderer.....

Date.....

Stamp.....

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

4.1.2 Framework Agreement

- 4.1.2.1 4.12 The Parties shall enter into a Framework Agreement within 28 days after the Contractor receives the Letter of Acceptance, unless the Particular Conditions establish otherwise. The

Framework Agreement shall be based upon FORM No. 3 – FRAMEWORK AGREEMENT annexed to the Particular Conditions. The costs of stamp duties and similar charges (if any) imposed by law in connection with entry into the Framework Agreement shall be borne by the Procuring Entity.

- 4.1.2.2 The Framework Agreement establishes the terms and conditions that will govern the contract awarded during the term of the Framework Agreement. The Framework Agreement establishes for the procurement goods by package as and when required, over the specified period of time. The Framework Agreement does not commit a Procuring Entity to procure, nor a Firm to supply. The Framework Agreement allows the Procuring Entity to call the Contractor to commence the works on a particular package in a specified location within the duration of the agreement.
- 4.1.2.3 This Framework Agreement does not guarantee the contractor of being called for a contract to start and no commitment is made with regard to possible number of packages to carry out.
- 4.1.2.4 This Framework Agreement does exclude the Procuring Entity from the right to procure the same Works from other firms.
- 4.1.2.5 This Framework Agreement does not stop the Procuring Entity from removing the contractor from the same Agreement.
- 4.1.2.6 FAs shall be established for a maximum period of three (3) years. The Procuring Entity may with the Consent of the Contractor extend this Agreement if the agreement period is less than three (3) years, if the initial engagement has been satisfactory.
- 4.1.2.7 Call-off Contracts; for work on a package to start, the Procuring Entity shall issue a notice of acceptance of a particular package requesting the contractor to furnish a Performance Security and to start the works thereafter, and providing the contractor with details of location where the works, are to be carried out. The call-off statement shall specify the objectives, tasks, deliverables, timeframes and price or price mechanism. The price for individual call-off contracts shall be based on the prices detailed in the Framework 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 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 be commenced 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

1032 The institution written to first by the aggrieved party shall take precedence over all other institutions.

1033 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

- 1.1 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

15.1 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.

15.2 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: $(corrected\ tender\ price - tender\ price) / tender\ price \times 100$.

16. Terms of Payment

16.1 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.

16.2 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

- 18.1 If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the **SCC**.
- 18.2 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.
- 18.3 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.
- 18.4 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.

22. 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.

- 33.3 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.
- 33.4 **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.
- 33.5 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.
- 33.6 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.
- 33.7 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.

GCC 1.1(h)	KENYA PLANT HEALTH INSPECTORATE SERVICE (KEPHIS) Ooloolua Ridge, Off Ngong Road P.O. Box 49592 -00100 GPO, NAIROBI
GCC 8.1	THE MANAGING DIRECTOR KENYA PLANT HEALTH INSPECTORATE SERVICE (KEPHIS) Ooloolua Ridge, Off Ngong Road P.O. Box 49592 -00100 GPO, NAIROBI
GCC 10	Kenya Plant Health Inspectorate Service (KEPHIS) shall make every effort to resolve amicably by direct negotiation any disagreement or dispute arising between them under this contract
GCC 12	The service to be supplied shall be as specified in the schedule of requirements
GCC 16.1	The supplier shall request for payment by submitting invoice, delivery notes, and details of bank account. The terms of payment shall be as follows: 100 % payment upon delivery of required service. This is a framework agreement for one year. .

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] (local time).
- 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) Business Days 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: NOTIFICATION OF AWARD - LETTER OF ACCEPTANCE

[letterhead paper of the Employer]

_____ *[date]*

To _____ *[name and address of the Contractor]*

This is to notify you that your Tender dated _____ *[date]* for execution of the _____ *[name of the Contract and identification number, as given in the Contract Data]* for the Accepted Contract Amount _____ *[amount in numbers and words] [name of currency]*, as corrected and modified in accordance with the Instructions to Tenderers, is hereby accepted by _____ *(name of Employer)*.

You are requested to furnish the Performance Security within 30 days in accordance with the Conditions of Contract, using, for that purpose, one of the Performance Security Forms included in Section VIII, Contract Forms, of the Tender Document.

Authorized _____ Signature:

Name and Title of Signatory:

Name of Employer:

Attachment: _____ *Contract Agreement:*

NOTIFICATION OF AWARD - LETTER OF ACCEPTANCE

[use letterhead 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 3 - 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.

3. 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.
4. 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.
5. 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. 4 - 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]

FORM No. 5 - 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 Oblige (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.
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 _____

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. 6 - ADVANCE PAYMENT SECURITY [Demand Bank Guarantee]

[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 _____, 2__, 2, 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]