Standard Bidding Document

TENDER FOR PURCHASE OF CHEMICALS/RAW MATERIAL FOR DC&TMD & QCL
(Goods)

National

Single Stage-Two Envelope

September 28, 2026

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REQUEST FOR BIDS

PROCUREMENT OF GOODS

1. The **National Institutes of Health (NIH) (National Institutes of Health (NIH))** has reserved Funds for the procurement planned for FY **2026-27**. The **National Institutes of Health (NIH) (National Institutes of Health (NIH))** intends to apply part of the proceeds of this Fund to cover eligible payments under the contract for the "**TENDER FOR PURCHASE OF CHEMICALS/RAW MATERIAL FOR DC&TMD & QCL**" with the reference of **"P77872"**

2. The **National Institutes of Health (NIH) (National Institutes of Health (NIH))** invites sealed Bids from eligible Bidders for procurement of goods described in the bidding documents on **EPADS v2.0**.

3. **Single Stage-Two Envelope** will be used by adopting **Least Cost Based Selection (LCBS)** Technique for the subject procurement, in line with the Public Procurement Rules, 2004 and any Regulations, Regulatory Guides, Procurement Guidelines or Instructions issued by the Authority from time to time.

4. All Bids must be accompanied by a Bid Security amounting described in Bid Security Section in Bidding Document in the form of **Pay Order, Call at Deposit, Demand Draft** or all bids must be accompanied by bid securing declaration in the format specified in the Bidding documents

5. E-Bidding documents, containing detailed terms & conditions, specifications and requirements etc. are available on **e-Pak Acquisition and Disposal System (EPADS)** at **https://epads.gov.pk/opportunities/federal/procurements/77872** for all the interested bidders registered on **EPADS v2.0**. Bidders are required to get themselves registered on **EPADS v2.0** to participate in Bidding process.

6. The e-bids, prepared in accordance with the instructions in the e-Bidding Documents, must be submitted through **EPADS v2.0** on or before **Tuesday, October 27, 2026 11:00 AM**. E-bids will be opened using **EPADS v2.0** on the same day at **Tuesday, October 27, 2026 11:30 AM**. Manual submission

of Bids shall not be entertained. Those vendors who have not yet registered on the new version of **EPADS v2.0,** may register themselves on **https://vendors.epads.gov.pk/**. A tutorial to explain the registration process is available at **https://www.youtube.com/watch?v=MNW6T38v7tc**

In terms of Rule 48 of Public Procurement Rules, 2004 Grievance Redressal Committee (GRC) is notified for the subject procurement and notification copy is available on the procuring agency's website and on Authority's website at (**www.ppra.org.pk**).

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Instructions to Bidders

A. Introduction

1.Scope of Bids

1.1 The Procuring Agency (PA), as indicated in the **Bids Data Sheet (BDS)** invites Bids **through EPADS v2.0** for the provision of Goods for as specified in the BDS and **in Section V – Evaluation Criteria, Specifications & Schedule of Requirements**. The name, identification, and number of items/deliverables are provided in the **BDS**. The successful Bidders will be expected to provide the goods within the specified period and timeline(s) as stated in the **BDS**.

2. Source of Funds

2.1 Source of funds is referred in Clause-1 of Invitation for Bids.

3. Eligible Bidders

3.1 A Bidder may be natural person, company or firm or public or semi-public agency of Pakistan or any foreign country**,** or any combination of them with a formal existing agreement (on Judicial Papers) in the form of a joint venture, consortium, or association. In the case of a joint venture, consortium, or association, all members shall be jointly and severally liable for the execution of the Contract in accordance with the terms and conditions of the Contract. The joint venture, consortium, or association shall nominate a Lead Member as nominated in the BDS, who shall have the authority to conduct all business for and on behalf of any and all the members of the joint venture, consortium, or association during the Bidding process, and in case of award of contract, during the execution of the contract.

3.2 Verifiable copy of the agreement that forms a joint venture, consortium or association shall be required to be submitted as part of the Bid.

3.3 The appointment of Lead Member in the joint venture, consortium, or association shall be confirmed by submission of a valid Power of Attorney to the Procuring Agency.

3.4 Any bid submitted by the joint venture, consortium or association shall indicate the part of proposed contract to be performed by each party and each party shall be evaluated (or post qualified if required) with respect to its contribution only, and the responsibilities of each party shall not be substantially altered without prior written approval of the Procuring Agency and in line with

any instructions issued by the Authority.

(The limit on the number of members of JV or Consortium or Association may be prescribed in BDS, in accordance with the guidelines issued by the PPRA).

3.5 The invitation for Bids is open to all prospective suppliers, manufacturers, or authorized agents / dealers subject to any provisions of incorporation or licensing by the respective national incorporating agency or statutory body established for that particular trade or business. Procuring agencies shall specify the registration/licensing requirements for the foreign bidders keeping in view the requirement of that business.

3.6 A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest with one or more parties in this Bidding process, if they:

1. are 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 Agency to provide consulting services for the preparation of the design, specifications and other documents to be used for the procurement of the Goods to be purchased under this Invitation for Bids.

2. have controlling shareholders in common; or

3. receive or have received any direct or indirect subsidy from any of them; or

4. have the same legal representative for purposes of this Bid; or

5. have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bids of another Bidder, or influence the decisions of the Procuring Agency regarding this Bidding process; or

6. Submit more than one Bid in this Bidding process.

3.7 A Bidder may be ineligible if –

1. he is declared bankrupt or, in the case of company or firm, insolvent;

2. payments in favor of the Bidder is suspended in accordance with the judgment of a court of law other than a judgment declaring bankruptcy and resulting (in accordance with the national laws) in the total or partial loss of the right to administer and dispose of its property;

3. the Bidder is convicted, by a final judgment, of any offence involving professional conduct;

4. the Bidder is blacklisted locally or by international organizations and hence debarred due to involvement in corrupt and fraudulent practices, or performance failure or due to breach of Bid securing declaration.

3.8 As and when required, bidders shall provide to the Procuring Agency evidence of their eligibility, proof of compliance with the necessary legal requirements to carry out the contract effectively.

3.9 Bidders shall submit Bids relating to the nature, conditions and modalities of sub-contracting wherever the sub-contracting of any elements of the contract amounting to more than ten (10) percent of the Bid price is envisaged.

4. Eligible Goods and Related Services

4.1 All goods and related services to be supplied under the contract shall have their origin in eligible source countries, and all expenditures made under the contract will be limited to such goods and services. For purpose of this Bid, ineligible countries are the countries declared ineligible by the Federal Government.

5. One Bid per Bidder

5.1 A bidder shall submit only one Bid, in the same bidding process, either individually as a Bidder or as a member in a joint venture or any similar arrangement.

5.2 The Bidder shall not engage a subcontractor for any portion of the contract if the value of such subcontracting exceeds thirty percent (30%) of the total contract amount.

6. Cost of Bidding

6.1 Any cost incurred by the bidder relating to the preparation and submission of its Bid shall be borne by the bidder, and the Procuring Agency shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

B. Bidding Documents

7. Contents of Bidding Document

7.1 The Goods required, Bidding procedures, and terms and conditions of the contract are prescribed in the Bidding Documents. In addition to the Invitation for Bids, the Bidding documents which should be read in conjunction with any addenda issued in accordance with **ITB 9.1** include:

Section I -Invitation to Bids

Section II Instructions to Bidders (ITB)

Section III Bid Data Sheet (BDS)

Section IV Evaluation Criteria, Specifications, Schedule of Requirements

Section V Bid Forms

Section VI General Conditions of Contract (GCC)

Section VII Special Conditions of Contract (SCC)

Section VIII Contract Forms

7.2 The Bidder is expected to examine all instructions, forms, terms and specifications in the Bidding documents. Failure to furnish all the information required in the Bidding documents through **EPADS v2.0** will be at the Bidder's risk and may result in the rejection of his Bids.

8. Clarification of Bidding documents

8.1 A prospective Bidder requiring any clarification of the Bidding documents may notify the Procuring Agency through **EPADS v2.0.**

8.2 The Procuring Agency will within three (3) working days after receiving the request for clarification, respond to any request for clarification through **EPADS v2.0** provided that such request is received not later than three (03) days prior to the deadline for the submission of Bids as prescribed in **ITB 22**

8.3 Copies of the Procuring Agency's response will be forwarded to all identified Prospective Bidders through **EPADS v2.0**, including a description of the inquiry, but without identifying its source.

8.4 Should the Procuring Agency deem it necessary to amend the Bidding document as a result of a clarification, it shall do so following the procedure under **ITB 9.**

8.5 If indicated **in the BDS**, the Bidder's designated representative is invited at the Bidder's cost to attend a pre-Bid meeting at the place, date and time mentioned **in the BDS**. During this pre-Bid meeting, prospective Bidders may request clarification of the schedule of requirement, the Evaluation Criteria or any other aspects of the Bidding document.

8.6 Minutes of the pre-Bid meeting, if applicable, including the text of the questions asked by Bidders, including those during the meeting (without identifying the source) and the responses given, together with any responses prepared after the meeting will be uploaded on **EPADS v2.0**. Any modification to the Bidding documents that may become necessary as a result of the pre-Bid meeting shall be made by the Procuring Agency exclusively through the use of an Addendum pursuant to **ITB 9**. Non-attendance at the pre-Bid meeting will not be a cause for disqualification of a Bidder.

9. Amendment of Bidding documents

9.1 Before the deadline for submission of Bids, the Procuring Agency for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder or Pre-Bid meeting may modify the Bidding documents by issuing addenda through **EPADS v2.0**.

9.2 The Procuring Agency shall promptly publish the addendum through **EPADS v2.0**.

9.3 Any addendum issued including the notice of any extension of the deadline shall also be communicated through EPADS v2.0 to all the bidders who have already submitted their bids. Such bidders shall have the right to withdraw their already submitted bid and re-submit the revised bid prior to the original or extended bid submission deadline.

9.4 To give prospective Bidders reasonable time in which to take an addendum/corrigendum into account in preparing their Bids, the Procuring Agency may, at its discretion, extend the deadline for the submission of Bids through **EPADS v2.0**:

Provided that the Procuring Agency shall extend the deadline for submission of Bids, if such an addendum is issued within last three (03) days of the Bids submission deadline.

C. Preparation of Bids

10. Language of Bid

10.1 The Bid prepared by the bidder, as well as all correspondence and documents relating to the Bids exchanged by the Bidder and the Procuring Agency shall be written in the English language unless otherwise specified in the BDS**.** Supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an accurate translation of the relevant pages in the English language unless otherwise specified in the **BDS**, in which case, for purposes of interpretation of the Bidder, the translation shall govern.

11. Documents and samples Constituting the Bid

11.1 The Bid prepared by the Bidder shall constitute thedocuments required in the **BDS**.

Details of sample(s) where applicable and requested in the BDS.

1. Documentary evidence established in accordance with ITB that the Bidder is eligible and/or qualified for the subject bidding process;

2. Documentary evidence establish that the Bidder has been authorized by the manufacturer to deliver the goods into Pakistan, where required and where the supplier is not the manufacturer of those goods;

3. Documentary evidence establish that the goods and related services to be supplied by the Bidder are eligible goods and services, and conform to the Bidding Documents;

4. Bid security or Bid Securing Declaration furnished in accordance with **ITB 18.**

12. Documents Establishing Eligibility of the Goods and Conformity to Bidding documents

12.1 To establish the conformity of the bidder to the Bidding document, the Bidder shall furnish as part of its Bids the documentary evidence that Goods provided conform to the technical specifications and standards.

13. Documents Establishing Eligibility and Qualification of the Bidder

13.1 The Bidder shall furnish, as part of itsBid, all those documents establishing the Bidder's eligibility to participate in the Bidding process and/or its qualification to perform the contract if its Bid is accepted.

14. Form of Bids

14.1 The Bidder shall fill the Form of Bid furnished in the Bidding documents.The Bids Form must be completed without any alterations to its format and no substitute shall be accepted.

15. Bids Prices

15.1 The Bids Prices quoted by the Bidder in the Form of Bid and in the Price Schedules shall conform to the requirements specified below or exclusively mentioned hereafter in the Bidding documents.

15.2 All items in the Schedule of Requirement must be listed and priced separately in the Price Schedule(s). If a Price Schedule shows items listed but not priced and neither explicitly denied, their prices shall be construed to be included in the prices of other items.

15.3 Items not listed in the Price Schedule shall be assumed not to be included in the Bid, and provided that the Bid is still substantially responsive in their absence or due to their nominal nature, the corresponding average price of the respective item(s) of the remaining substantially responsive Bidder(s) shall be construed to be the price of those missing item(s)

15.4 The Bid price to be quoted in the Form of Bid in accordance with **ITB 14.1** shall be the total price of the Bid.

15.5 The Bidder shall indicate on the appropriate Price Schedule, the unit prices (where applicable) and total Bid price of the Goods it proposes to provide under the contract.

15.6 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation on any account. A Bid submitted with an adjustable price will be treated as non-responsive and shall be rejected.

16. Bids Currencies

16.1 Prices shall be quoted in Pakistani Rupees unless otherwise specified in the BDS in accordance with Rule 30 (2) of the Public Procurement Rules, 2004.

17. Bids Validity Period

17.1 Bids shall remain valid for the period specified in the **BDS** after the Bid submission deadline prescribed by the Procuring Agency. A Bid valid for a shorter period shall be rejected by the Procuring Agency as non-responsive**.** The period of Bid validity will be determined from the complementary Bid securing instrument, i.e. the expiry period of Bid Security or Bids Securing Declaration as the case may be.

17.2 The procuring agency shall ordinarily be under an obligation to process and evaluate the bid and to issue letter of award within the stipulated bid validity period.

17.3 Under exceptional circumstances, prior to the expiration of the initial Bid validity period, the Procuring Agency may request the Bidders' consent to an extension of the period of validity of their Bids only once through **EPADS v2.0**, for the period not more than the period of initial bid validity. The Bid Security provided under **ITB 18** shall also be suitably extended. A Bidder may refuse the request without forfeiting its Bid security or causing to be executed its Bid Securing Declaration. A Bidder agreeing to the request will not be required nor permitted to modify its Bid, but will be required to extend the validity of its Bid Security or Bid Securing Declaration for the period of the extension.

18. Bid Security or Bid Securing Declaration

18.1 The Bidder shall furnish as part of its Bid, a Bid Security in accordance with Rule 25 of the Public Procurement Rules, 2004.

18.2 The original Bid Security shall be enclosed within the sealed envelope and to be submitted physically before closing time for submission of bids. Whereas, scanned copy of bid security shall be uploaded electronically through EPADS v2.0 before closing hours for submission of bids.

18.3 The Bidder who failed to submit the original Bids security before the submission deadline shall be disqualified straightaway.

18.4 The Bid Security or Bid Securing Declaration is required to protect the Procuring Agency against the risk of Bidder's conduct which would warrant the security's forfeiture, pursuant to **ITB 18.7.**

18.5 The Bid Security shall be denominated in the local currency, and it shall be a Bank Draft in the name of the Procuring Agency and valid for twenty-eight (28) days beyond the end of the validity of the Bid. This shall also apply if the period

for Bids/Bid Validity is extended. In either case, the form must include the complete name of the Bidder.

18.6 The Bid Security shall be payable promptly upon written demand by the Procuring Agency in case any of the conditions listed in **ITB 18** are invoked.

18.7 Unsuccessful Bidders' Bid Security will be discharged or returned as promptly as possible, however in no case later than thirty (30) days after the expiration of the period of Bids Validity prescribed by the Procuring Agency pursuant to **ITB 17**. The Procuring Agency shall make no claim to the amount of the Bid Security, and shall promptly return the Bid Security document, after whichever of the following that occurs earliest:

a. the expiry of the Bid Security;

b. the entry into force of a procurement contract and the provision of a Performance Guarantee, for the performance of the contract if such a guarantee, is required by the Bid documents;

c. the rejection by the Procuring Agency of all Bids;

d. the withdrawal of the Bids prior to the deadline for the submission of Bids, unless the Bids documents stipulate that no such withdrawal is permitted.

18.8 The successful Bidder's Bids Security will be discharged upon the Bidder signing the contract**,** or furnishing the Performance Guarantee.

18.9 The Bid Security may be forfeited or the Bid Securing Declaration executed:

a. if a Bidder:

b. withdraws its Bid during the period of Bid Validity as specified by the Procuring Agency, and referred by the Bidder on the Form of Bids except as provided for in **ITB 17.2**; or

c. does not accept the correction of errors**;** or

d. in the case of a successful Bidder, if the Bidder fails:

e. to sign the contract; or

f. to furnish Performance Guarantee**.**

19. Withdrawal, Substitution, and Modification of Bid

19.1 Before Bid submission deadline, any Bidder may withdraw, substitute, or modify its Bid after it has been submitted through EPADS v2.0. Bids requested to be withdrawn, shall be returned unopened to the Bidders through **EPADS v2.0**.

20. Format and Signing of Bid

20.1 The Bidder shall prepare and submit Bids with due diligence after carefully reading all the terms and condition **before bid submission deadline** through EPADS v2.0.

D. Submission of Bids

21. Submission of Bids through EPADS v2.0

21.1 The Technical and Financial Bids if required to submitted, shall be submitted on **EPADS v2.0**.

22. Deadline for Submission of Bids

22.1 Bids shall be received by the Procuring Agency through **EPADS v2.0** before bid submission deadline.

22.2 The Procuring Agency may, under exceptional circumstances, extend the deadline for the submission of Bids, after recording reasons in writing and in an equal opportunity manner.

In such case, all rights and obligations of the Procuring Agency and the Bidders that were previously governed by the original deadline shall thereafter be subject to the revised deadline.

E. Opening and Evaluation of Bids

23. Opening of Bids

23.1 The Bid Evaluation Committee of the Procuring Agency shall open all Bids through the EPADS v2.0, on the date and time specified in the Bid Data Sheet (BDS).

23.2 The Bid Evaluation Committee **shall generate minutes through EPADS v2.0 containing brief details of bid opening process.** The record of the Bid opening shall include, as a minimum: the name of the Bidder, the Bid price if applicable, and the presence or absence of a Bid Security or Bid Securing Declaration.

23.3 The procuring agency shall live broadcast the opening of bids on national media or on their website or digital channels, if the volume of procurement exceeds five hundred million rupees in case of goods and services and one thousand million rupees in case of works.

23.4 In case the date of opening of bid has been declared as public holiday or the procuring agency fail to open bid due to any EPADS v2.0 related issues, the submission and opening of bids shall be shifted to the next working day on the same time.

23.5 In case of Single Stage One Envelope Procedure, the Bidders names, the Bid prices, the total amount of each Bid and, the presence or absence of Bid Security, Bid Securing Declaration and such other details as the Procuring Agency may consider appropriate, will be announced by the Bid Evaluation Committee.

24. Clarification of Bids

24.1 To assist in the examination, evaluation and comparison of Bids of the Bidders, the Procuring Agency may, ask any Bidder for a clarification of its Bid including breakdown of prices.

24.2 The request for clarification and the response shall be sought through EPADS v2.0 before **three days prior to the deadline for submission of bids.** No change in the prices or substance of the Bids shall be sought, offered, or permitted.

24.3 The alteration or modification in the BIDS which in any way affect the following parameters will be considered as a change in the substance of a Bids:

1. evaluation & qualification criteria;
2. required scope of work or specifications;
3. all securities requirements;
4. tax requirements;

5. terms and conditions of Bidding documents.

6. change in the ranking of the Bidder

24.4 From the time of Bids opening to the time of Contract award if any Bidder wishes to contact the Procuring Agency on any matter related to the Bids it should do so through **EPADS v2.0**.

25. Preliminary Examination of Bids

25.1 Prior to the detailed evaluation of Bids, the Procuring Agency will determine whether each Bid:

1. meets the eligibility criteria defined in **ITB 3**;

2. has been prepared as per the format and contents defined by the Procuring Agency in the Bidding documents;

3. is accompanied by the required securities; and

4. is substantially responsive to the requirements of the Bidding documents.

25.2 The Procuring Agency's determination of a Bid's responsiveness will be based on the contents of the Bid itself.

25.3 A substantially responsive Bid is one which conforms to all the terms, conditions, and specifications of the Bidding documents, without material deviation or reservation. A material deviation or reservation is one that: -

1. affects in any substantial way the scope, quality, or performance of the Goods;

2. limits in any substantial way, inconsistent with the Bidding documents, the Procuring Agency's rights or the Bidders obligations under the Contract; or

3. if rectified, would affect unfairly the competitive position of other Bidders presenting substantially responsive Bids.

25.3 If a Bids is not substantially responsive, it will be rejected by the Procuring Agency and may not subsequently be evaluated for complete technical responsiveness.

26. Examination of Terms and Conditions; Technical Evaluation

26.1 The Procuring Agency shall examine the Bids to confirm that all terms and conditions specified in the **GCC** and the **SCC** have been accepted by the Bidder without any material deviation or reservation.

26.2 The Procuring Agency shall evaluate the technical aspects of the Bids submitted, to confirm that all requirements specified in Schedule of Requirements and Technical Specifications of the Bidding documents have been met without material deviation or reservation.

26.3 If after the examination of the terms and conditions and the technical evaluation, the Procuring Agency determines that the Bid is not substantially responsive in accordance with **ITB 25.2,** it shall reject the Bid.

27. Correction of Errors

27.1 Bids determined to be substantially responsive will be checked for any arithmetic errors. Errors will be corrected as follows: -

1. if there is a discrepancy between unit prices and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected, unless in the opinion of the Procuring Agency there is an obvious misplacement of the decimal point in the unit price, in which the total price as quoted shall govern and the unit price shall be corrected;

2. if there is an error in a total corresponding to the addition or subtraction of sub-totals, the sub-totals shall prevail and the total shall be corrected; and

3. where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

4. Where there is discrepancy between grand total of price schedule and amount mentioned on the Form of Bids, the amount referred in Price Schedule shall be treated as correct subject to elimination of other errors.

27.2 The amount stated in the Bid will, be adjusted by the Procuring Agency in accordance with the above procedure for the correction of errors and, with the concurrence of the Bidder, shall be considered as binding upon the Bidder. If the Bidder does not accept the corrected amount, its Bid will then be rejected, and the Bid Security may be forfeited or the Bids Securing Declaration may be executed.

28. Conversion to Single Currency

28.1 To facilitate evaluation and comparison, the Procuring Agency will convert all Bids prices expressed in the amounts in various currencies in which the Bids prices are payable. For the purposes of comparison of bids quoted in different currencies, the price shall be converted into a single currency specified in the bidding documents. The rate of exchange shall be the selling rate prevailing on the date of opening of financial bids specified in the bidding documents, in accordance with weighted average customer exchange rates list issued by the State Bank of Pakistan on that day.

29. Evaluation of Bids

29.1 The Bids, quotations, or proposals shall be evaluated by the respective evaluation committees as per evaluation criteria described in the Bidding Documents in accordance with Rule 29 and 30 of the Public Procurement Rules, 2004.

1. Least Cost Based Selection (LCBS)

After meeting the requirements of eligibility, qualification and substantial responsiveness, the bid in compliance with all the mandatory (technical) specifications/requirements and/or requisite quality threshold (if any), and having lowest evaluated cost (or financial proposal) shall be considered Successful Bid.

2. Quality and Cost Based Selection (QCBS)

In such combination, there shall be some specific weightage of both the technical features and financial aspects of the proposal. The financial marks shall be awarded on the basis of inverse proportion calculations. The successful bid shall be declared, on the basis of combined evaluation.

3. Quality Based Selection (QBS)

Atter meeting the requirements of eligibility, qualification and substantial responsiveness the bid in compliance with all the mandatory (technical) specifications/requirements and attaining highest marks in the Technical Evaluation considering all other qualitative and/or quantitative parameters (or point rated criteria) for technical proposal(s) such as working methodology, implementation plan, resource allocation, additional functionalities, risk management approach, knowledge transfer techniques, post implementation methodology etc. shall be treated as highest ranked bid. Later on, the financial proposal of highest ranked bidder shall be opened, however, in case of failure to proceed further with such a bidder, the procuring agency may resort to second

highest bidder and so on.

29.2 In case of tie of bids, the bidders shall be provided an opportunity to offer their best and final monetary offer through EPADS v2.0. However, in no case the rates shall be higher than the original financial bids.

30. Domestic Preference

30.1 The procuring agency shall evaluate and compare bids, allow for preference to domestic bidders, while competing with the international bidders in accordance with the policies of Federal Government.

The percentage of preference, to be accorded shall be clearly mentioned in the bidding documents under the bid evaluation criteria.

31. Determination of Successful Bid

31.1 Selection technique will be adopted for determining the Successful Bid in accordance with the criteria referred in the BDS or prescribed in the separate section titled as Evaluation Criteria.

31.2 In case where the Procuring Agency adopts the Cost Based Evaluation Technique and, the Bid with the lowest evaluated price from amongst those which are eligible, compliant and substantially responsive shall be the Successful Bid.

31.3 The Procuring Agency may adopt the Quality & Cost Based Selection Technique due to the following two reasons:

1. Where the Procuring Agency knows about the main features, usage and output of the products; however not clear about the complete features, technical specifications and functionalities of the goods to be procured and requires the bidders to submit their proposals defining those features, specifications and functionalities; or

2. Where the Procuring Agency, in addition to the mandatory requirements and mandatory technical specifications, requires parameters specified in Evaluation Criteria to be evaluated while determining the quality of the goods.

31.4 In such cases, the Procuring Agency may allocate certain weightage to these factors as a part of Evaluation Criteria, and may determine the ranking of the bidders on the basis of combined evaluation in accordance with provisions of Rule 2(1)(h) of the Public Procurement Rules, 2004.

32. Abnormally Low Financial Bids

32.1Where the Bid price is considered to be abnormally low, the Procuring Agency shall perform price analysis either during determination of Successful Bids or as a part of the post-qualification process.

32.2 The Procuring Agency may reject an Abnormally low financial bids.

32.3 In order to identify the Abnormally Low Bids (ALB) following approaches can be considered to minimize the scope of subjectivity:

1. Comparing the Bids price with the cost estimate;

2. Comparing the Bids price with the Bids offered by other Bidders submitting substantially responsive Bids; and

3. Comparing the Bids price with prices paid in similar contracts in the recent past either government- or development partner-funded.

32.4 The Procuring Agency will determine to its satisfaction whether the Bidder that is selected as having submitted the successful bid is qualified to perform the contract satisfactorily.

32.5 The determination will take into account the Bidder's financial, technical, and production capabilities. It will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, as well as such other information as the Procuring Agency deems necessary and appropriate. Factors not included in these Bidding documents shall not be used in the evaluation of the Bidders' qualifications.

32.6 Procuring Agency may seek "Certificate for Independent Price Determination" from the Bidder and the results of reference checks may be used in determining an award of contract.

Explanation: The Certificate shall be furnished by the Bidder. The Bidder shall certify that the price is determined keeping in view of all the essential aspects such as raw material, its processing, value addition, optimization of resources due to economy of scale, transportation, insurance and margin of profit etc.

32.7 An affirmative determination will be a prerequisite for award of the contract to the Bidder. A negative determination will result in rejection of the Bidder's Bids, in which event the Procuring Agency will proceed to the next ranked Bidder to make a similar determination of that Bidder's capabilities to

perform satisfactorily.

F. Award of Contract

33. Criteria of Award

33.1 The Procuring Agency will award the Contract to the Bidder whose Bids has been determined to be substantially responsive to the Bidding documents and who has been declared as Most Advantageous Bidder.

34. Negotiations

34.1 The procuring agency shall not engage in negotiations with respect to scope and price with the bidder except when the procuring agency conducts a procurement using direct **or negotiated** contracting or a request for proposals with evaluation based on quality alone.

34.2 The procuring agency may negotiate with the most advantageous bid with a view to streamline the work or task execution, at the time of contract finalization on methodology, work plan, staffing, finalizing payment arrangements, delivery arrangements, minor amendments to the special conditions of the contract.

35. Procuring Agency Right to reject all bids

35.1 The Procuring Agency reserves the right to reject all bids or proposals at any time prior to the issuance of the Letter of Award, without incurring any liability, in accordance with Rule 33 of the Public Procurement Rules, 2004.

36. Procuring Agency’s Right to Vary Quantities at the Time of Award

36.1 The Procuring Agency reserves the right at the time of contract award to increase or decrease the **quantity of** Goods originally specified in these Bidding documents provided this does not exceed **by** 15%, without any change in unit price or other terms and conditions of the Bids and Bidding documents.

37. Notification of Award

37.1 Prior to the award of contract, the procuring agency shall announce and publish the result of bid evaluation on **EPADS v2.0** in accordance with Rule 35

of the Public Procurement Rules, 2004.

37.2 The Bidder whose Bids has been accepted will be notified of the award by the Procuring Agency prior to expiration of the Bids/Bid Validity period. The Letter of Award will state the sum that the Procuring Agency will pay the successful Bidder in consideration for the delivery of Goods as prescribed by the Contract (hereinafter and in the Contract called the "Contract Price).

37.3 The Letter of award will constitute the formation of the Contract, subject to the Bidder furnishing the Performance Guarantee and signing of the contract.

38. Signing of Contract

38.1 Promptly after issuance of Letter of award, Procuring Agency shall send the successful Bidder the draft Contract, incorporating all terms and conditions as agreed by the parties to the contract.

38.2 Immediately after the Redressal of grievance by the GRC (if any), mandatory standstill period in accordance with Rule 35 of the Public Procurement Rules, 2004 and **after fulfillment of all condition's precedent** of the Contract Form, the successful Bidder and the Procuring Agency shall sign the Contract.

39. Corrupt & Fraudulent Practices

39.1 Procuring Agencies (including beneficiaries of Government funded projects and procurement) as well as Bidders/Contractors under Government financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts, and will avoid to engage in any corrupt and fraudulent practices.

F. Grievance Redressal & Complaint Review Mechanism

40. Constitution of Grievance Redressal

40.1 The Grievance Redressal Committee shall address the grievance, if any submitted by any party, including the bidder, in accordance with Rule 48 of the Public Procurement Rules, 2004 to be read with Redressal of Grievances Regulations, 2021.

40.2 In case if any party or the bidder is not satisfied with the decision of the GRC or if it fails to decide within ten days, the bidder or the party may file an appeal before the Appellate Committee of the Authority in accordance with Rule 48 of the Public Procurement Rules, 2004 to be read with Redressal of Grievances Regulations, 2021.

G. Mechanism of Blacklisting

41. Mechanism of Blacklisting

41.1 The Procuring Agency shall initiate blacklisting proceedings against any bidder, supplier, or contractor in accordance with the Mechanism for Blacklisting Regulations, 2024, read with Rule 19 of the Public Procurement Rules, 2004.

41.2 The blacklisted/debarred bidder may file the review petition before the Authority in accordance with Rule 19 of the Public Procurement Rules, 2004 to be read with Procedure of filing and disposal of Review Petitions Regulations, 2021.

Bid Data Sheet

Bids Data Sheet (BDS)

The following specific data for the procurement of Goods to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

BDS Clause Number
ITB Number
Amendments of, and Supplements to, Clauses in the Instruction to Bidders

A. Introduction

BDS Clause Number 1
ITB Number 1.1

Name of Procuring Agency: **National Institutes of Health (NIH) (National Institutes of Health (NIH))**

The subject of procurement is: **TENDER FOR PURCHASE OF CHEMICALS/RAW MATERIAL FOR DC&TMD & QCL**

Expected commencement date: **Monday, November 30, 2026**

BDS Clause Number 2
ITB Number 2.1

Financial year for the operations of the Procuring Agency: **2026-27**

Name and identification number of the Contract: **P77872**

BDS Clause Number 3
ITB Clause Number 3.1

JV/Consortium or Association Allowed: **No**
Number of JV/Consortium Members: **Nil**
see section of eligibility criteria.

B. Bidding Documents

BDS Clause Number 4
ITB Number 8.1

The Bidders may seek clarifications through **EPADS v2.0** : Clarification Date: Monday, October 12, 2026

C. Preparation of Bids

BDS Clause Number 5
ITB Number 10.1

The Language of all correspondences and documents related to the Bids shall be in: **English**

List of documents required along with the bid: No

BDS Clause Number 6
ITB Number 11.1
Items/Lots and threre related documents:
See section items and Lots

BDS Clause Number 7
ITB Number 12.1

Items / Lots Specifications:

see section of items specifications.

BDS Clause Number 8
ITB Number 15.6

The price shall be **Fixed**.

BDS Clause Number 9
ITB Number 16.1

Currency of the Bids shall be : **PKR**

BDS Clause Number 10
ITB Number 17.1

The Bids/Bid Validity period shall be: **120 Days**

BDS Clause Number 11
ITB Number 18.1

The amount of Bid Security shall be as defined in Bid Security Section for items and lots given in **BDS 6**
The Bid Security shall be in the form of: **Pay Order, Call at Deposit, Demand**

D. Submission of Bids

BDS Clause Number 12
ITB Number 20.1

Bid shall be submitted online on EPADS v2.0 whereas hard copy of the bid security should be submitted to the following;

Park Road, Islamabad Capital Territory before bid submission deadline.

Bids that are not submitted on EPADS v2.0 shall be disqualified.

The deadline for Bids submission is: **Tuesday, October 27, 2026 11:00 AM**

E. Opening and Evaluation of Bids

BDS Clause Number 13
ITB Number 23.1

The Bids opening shall take place on **EPADS v2.0**.

Day *:* ***Tuesday***

Date: ***Tuesday, October 27, 2026***

Time *:* ***11:30 AM***

BDS Clause Number 14
ITB Number 31.1

Selection technique adopted will be: **Least Cost Based Selection (LCBS)**
see Evaluation Criteria

F. Review of Procurement Decisions

BDS Clause Number 15
ITB Number 41.1

Grievence against this procurement shall be submitted online on EPADS v2.0.

Arbitrator shall be appointed by mutual consent of the both parties.

Eligibility Criteria

Vendor eligibility was already assessed and finalized during the Framework stage.

Evaluation Criteria

Eligibile bidder(s) with substantially responsive bid(s) offering **Least Cost Based Selection (LCBS)** shall be consider for the award of contract(s).

Least Cost Based Selection (LCBS)

Weightage

Technical Evaluation %
100

Technical Marks	100
Passing Marks	**75**
Technical Evaluation Criteria	
The bidder/vendor must be an authorized distributor/importer of the manufacturer for the item(s)/product(s) being offered in Pakistan. The bidder/vendor must submit a valid, current Authorization Letter/Certificate of Authorization issued directly by the original manufacturer (or its regional/global principal), and this proof must be verifiable and traceable directly with the issuing manufacturer. (Qualitative)(Doc Required)	30
The bidder/vendor must provide complete and original documentation for each item/product, including a batch/lot-specific Certificate of Analysis (COA) issued by the manufacturer, Safety Data Sheet (SDS/MSDS), and Technical Dossier. All documents must bear the manufacturer’s original letterhead/seal and must be verifiable and traceable directly with the issuing authority. (Qualitative)(Doc Required)	20

The bidder/vendor must provide shipping documents for each product/chemical which should be verifiable and traceable. However, the bidder/vendor may provide one shipping document for multiple products/items if the shipment of all these chemicals was made at once. (Qualitative)(Doc Required)	5
Each chemical/item must be verifiable and traceable to Manufacturer’s databases though QR code, Bar code, ID or any other mechanism as specified in international guidelines. (Qualitative)(Doc Required)	20
The date of manufacture of each chemical/item should not be before June 2026. (Qualitative)(Doc Required)	5
Each chemical/item must be properly labeled, showing batch/lot number, manufacturing date, expiry date (if applicable) and hazard pictograms as applicable, and should be provided with manufacturer’s recommended storage and handling conditions. (Qualitative)(Doc Required)	5
The country of origin for each chemical/item must be a country recognized as per ML4, and may be a country in European Union, United Kingdom, USA, Canada, Japan, and Switzerland. (Qualitative)(Doc Required)	5
Each chemical/item must be supplied in its original, unopened, tamper-evident packaging as sealed by the manufacturer. Repacked, relabeled, decanted, or aliquoted chemicals shall not be accepted. (Qualitative)(Doc Required)	5
The bidder/vendor must submit a signed affidavit/undertaking, on judicial stamp paper, confirming that it has not been blacklisted, debarred, or penalized for supply of substandard/spurious/counterfeit chemicals by any government, semi-government, autonomous body, or regulatory authority in Pakistan or abroad. (Qualitative)(Doc Required)	2
The bidder/vendor must provide the name, designation, and direct contact details (email/phone) of the manufacturer’s authorized representative, for verification of authenticity, technical queries, and after-sales support. (Qualitative)(Doc Required)	3

Items/Lots

Items Without Lots :

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Acetic Acid (Merck,BDH Sigma Aldrich)	Acetic acid	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 2.5/Ltr	2.5/Ltr	1282 PKR
Acetic Acid, Glacial (Merck,BDH Sigma Aldrich)	Acetic acid	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 5/Ltr	5/Ltr	1282 PKR

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Ammonia Solution	Ammonia test system	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 10/Ltr	10/Ltr	1282 PKR
Ammonium Chloride	Ammonium chloride standards	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1/Kg	1/Kg	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Ammonium Tihocyanate	Ammonium chloride/chlorpheniramine/codeine/phenylephrine	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 500/g	500/g	1282.06 PKR
Ammonium Molybdate	Ammonium chloride/glycyrrhiza/hyoscyamus/phenobarbital/terpin hydrate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 250/g	250/g	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Ammonium Carbonate	Aluminum carbonate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1/Kg	1/Kg	1282.04 PKR
Ammonium Phosphate	Aluminium phosphate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 500/g	500/g	1283 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Acetonitrile GR	Acetonitrile	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 100/Ltr	100/Ltr	1283 PKR
Acetonitrile	Acetonitrile	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 20/Ltr	20/Ltr	1283 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Acetone GR	Acetone/alcohol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 10/Ltr	10/Ltr	1282 PKR
Acetone HPLC	Acetone or alcohol based antiseptics	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 7.5/Ltr	7.5/Ltr	1283 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Ammonium Dihydrogen Phosphate	Aluminium phosphate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 500/g	500/g	1282 PKR
Blood Agar	Blood analysis laboratory services	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 500/g	500/g	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Butanol	Aluminum potassium sulfate/chlorobutanol/tannic acid	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 2.5/Ltr	2.5/Ltr	1282 PKR
Bromocresol Green (DC&TMD)	Bromocriptine	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 250/g	250/g	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Buffer solution	Buffer solutions	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1/Ltr	1/Ltr	1282 PKR
Buffer solution	Buffer solutions	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1/Ltr	1/Ltr	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Buffer solution	Buffer solutions	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1/Ltr	1/Ltr	1282 PKR
Buffer solution	Buffer solutions	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1/Ltr	1/Ltr	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Calcium chloride	Aprotinin/Fibrinogen+Calcium chloride/Thrombin	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1/Kg	1/Kg	1282 PKR
Concentrated Sulphuric Acid (DC&TMD)	Sulphuric acid	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 4/Ltr	4/Ltr	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Cupric Chloride	Cupric chloride	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 500/g	500/g	1282 PKR
Cupric Sulphate	Chromic chloride/cupric sulfate/manganese sulfate/selenium/zinc	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1/Kg	1/Kg	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Chloroform	Chloroform	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 2.5/Ltr	2.5/Ltr	1282 PKR
Chloroform	Chloroform	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 10/Ltr	10/Ltr	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Disodium Hydrogen	Hydrogen busses	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 4/Kg	4/Kg	1282 PKR
Diphenylamine	Diphenylpyraline	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 250/g	250/g	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Disodium Tetraborate	Edetate disodium	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1/Kg	1/Kg	1282 PKR
Di-Sodium Edetate	Edetate disodium	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 500/g	500/g	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Di-Potassium Phosphate	Meprednisone disodium phosphate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 2/Kg	2/Kg	1282 PKR
Di- Ammonium Hydrogen Orthophosphate	Naftidrofuryl hydrogen oxalate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 500/g	500/g	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Di-Methyl Sulfoxide	Dimethyl sulfoxide	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 2.5/Ltr	2.5/Ltr	1282 PKR
Diethylamine	Diethylamine salicylate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 500/ml	500/ml	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Sodium Hydrogen Phosphate	Sodium hydroxide	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1/Kg	1/Kg	1282 PKR
Ethyl Acetate	Ethylene	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 12.5/Ltr	12.5/Ltr	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Erichrom Black	Erichsen tester	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 250/g	250/g	1282 PKR
Ferrous Ammonium Sulphate	Ferrous ammonium sulfate titrants	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 500/g	500/g	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Ferric Nitrate	Ferric subsulfate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 250/g	250/g	1282 PKR
Ethanol Absolute GR Merck	Ethanol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 25/Ltr	25/Ltr	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Ethanol (GCMS Grade Merck, Lab Scan, Sigma)	Ethanol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 4/Ltr	4/Ltr	1282 PKR
Isopropanol (HPLC Grade) Merck, Lab Scan, Sigma)	Camphor/isopropanol/menthol/propylene glycol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 2.5/Ltr	2.5/Ltr	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Isopropanol	Isopropanol or isopropyl alcohol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 10/Ltr	10/Ltr	1282 PKR
Hydroxymethylamine HCl	Sodium hydroxymethane/stannous chloride	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 250/g	250/g	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Hydroxy Ammonium Chloride	Aluminum chloride/hydroxyquinoline sulfate/tetracaine	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 250/g	250/g	1282 PKR
Hexylamine Merck	Hexylcaine	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 100/ml	100/ml	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Hydrochloric Acid Concentrated	Hydrochloric acid	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 14/Ltr	14/Ltr	1282 PKR
Iodine Pellets	Calcium/iodine	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 500/g	500/g	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Isopropanol	Isopropanol or isopropyl alcohol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 7.5/Ltr	7.5/Ltr	1282 PKR
ISO-Octane	Octane boost	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 2.5/Ltr	2.5/Ltr	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Lead Acetate	Lead	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 250/g	250/g	1282 PKR
Methyl Orange	Alcohol/benzoic acid/eucalyptol/methyl salicylate/thymol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 250/g	250/g	1282.4 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Magnesium Chloride	Magnesium chloride/sodium chloride	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1/Kg	1/Kg	1282.4 PKR
Magnesium Sulphate	Magnesium Mg	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1/Kg	1/Kg	1282.4 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Magnesium Oxide	Aspirin/magnesium oxide	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 250/g	250/g	1282.4 PKR
Mannitol (Merck,BDH Sigma Aldrich)	Mannitol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1/Kg	1/Kg	1282.4 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Methanol GR	Methanol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 200/Ltr	200/Ltr	1282.4 PKR
Methanol HPLC	Methanol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 12.5/Ltr	12.5/Ltr	1282.4 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Methanol (GCMS Grade)	Methanol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 10/Ltr	10/Ltr	1282.4 PKR
Methanol Analytical	Methanol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 2.5/Ltr	2.5/Ltr	1282.4 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Nutrient Agar	Nutrients	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 500/g	500/g	1282.4 PKR
N-Hexane	Nandrolone cyclohexanecarboxylate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 2.5/Ltr	2.5/Ltr	1282.4 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Nitric Acid (Merck, BDH Sigma Aldrich)	Breath nitric oxide test system	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 2.5/Ltr	2.5/Ltr	1282.4 PKR
n-Docosane (GCMS Grade) (Merck, BDH, Lab Scan, Sigma)	Industrial chemical equipment spare parts and accessories	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 25/g	25/g	1282.4 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
N, O-bis-trimethylsilylacetamide (BSA)	Caffeine or trimethylxanthine	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 500/ml	500/ml	1282.4 PKR
N-methyl-N-trimethylsilyltrifluoroaceamide	Menthol/methyl nicotinate/methyl salicylate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 50/g	50/g	1282.4 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Octane 1 Sulfonic Acid Sodium Salt (DC&TMD)	Sodium Na	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 250/g	250/g	1282.4 PKR
Ortho-Phosphoric Acid. (DC&TMD)	Calcium glycerophosphate/phosphoric acid/sodium glycerophosphate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 5/Ltr	5/Ltr	1282.4 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Phelphthalin (Merck, BDH Sigma Aldrich)	1-phenyl-2-propanone	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 200/g	200/g	1282.4 PKR
1-Propanol (Merck, BDH Sigma Aldrich)	Propanol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 2.5/Ltr	2.5/Ltr	1282.4 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Phosphoric Acid	Calcium glycerophosphate/phosphoric acid/sodium glycerophosphate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 5/Ltr	5/Ltr	1282.4 PKR
Pyridine	Phenazopyridine	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 100/g	100/g	1282.4 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Potassium Sodium Tartarate	Potassium sodium tartrate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 500/g	500/g	1282.4 PKR
Potassium Bromide	Potassium bromide	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 500/g	500/g	1282.4 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Potassium Iodate	Aminophylline/potassium iodide	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 500/g	500/g	1282.4 PKR
Potassium Sulphate	Potassium sulphate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1/Kg	1/Kg	1282.4 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Potassium Permanganate Analysis	Potassium permanganate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 250/g	250/g	1282 PKR
Potassium Hydrogen Phthalate	Potassium hydroxide	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 250/g	250/g	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Potassium Dichromate	Acetate/calcium/chloride/gluconate/magnesium/potassium/sodium	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 500/g	500/g	1282 PKR
Potassium Dihydrogen orthophosphate	Acetate/calcium/chloride/gluconate/magnesium/potassium/sodium	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 3/Kg	3/Kg	1282.4 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Sodium di hydrogen phosphate	Edetate disodium/sodium chloride/sodium phosphate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 5/Kg	5/Kg	1282.4 PKR
Sulphuric acid 97 %	Sulphuric acid	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1/Kg	1/Kg	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Sodium Sulphate (Anhydrous)	Dioctyl sodium sulphosuccinate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 5/Ltr	5/Ltr	1282 PKR
Salicylic Acid	Acetic acid/salicylic acid	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1/Kg	1/Kg	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Sodium Acetate	Sodium acetate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1/Kg	1/Kg	1302 PKR
Sodium Bisulphate	Alginic acid/aluminum hydroxide/magnesium trisilicate/sodium bicarbonate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 250/g	250/g	1302 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Sodium Nitrate	Phenobarbital/sodium nitrite	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 500/g	500/g	1302 PKR
Sodium Chloride	Aminophylline/sodium chloride	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 3/Kg	3/Kg	1302 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Sodium Citrate	Ammonium chloride/diphenhydramine/menthol/sodium citrate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1/Kg	1/Kg	1302 PKR
Sodium Hydrogen Sulphite	Benzalkonium chloride/edetate/sodium hydroxide	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 250/g	250/g	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Sodium Periodate	Sodium perborate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 250/g	250/g	1282 PKR
Sodium DoecylSulphate	Loxoprofen sodium dihydrate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 2/Kg	2/Kg	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Sodium Nitrate	Phenobarbital/sodium nitrite	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 500/g	500/g	1282.4 PKR
Sodium Nitroprusside	Amyl nitrite/sodium nitrite/sodium thiosulfate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 250/g	250/g	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Silver Chloride	Silver	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 250/g	250/g	1282 PKR
Sodium Benzoate	Belladonna/kaolin/pectin/sodium benzoate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 1/Kg	1/Kg	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Sodium Dihydrogen orthophosphate	Loxoprofen sodium dihydrate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 4/Kg	4/Kg	1282 PKR
Sodium Hydroxide	Benzalkonium chloride/edetate/sodium hydroxide	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 8/Kg	8/Kg	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Tertiary Butyl Alcohol	Acetone/alcohol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 500/ml	500/ml	1282 PKR
Tribasic sodium Phosphate Dodecahydrate	Betamethasone sodium phosphate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2/Kg	2/Kg	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Tetrahydrofuran HPLC Grade	Thiamine tetrahydrofurfuryl disulfide hydrochloride	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/Ltr	5/Ltr	1282 PKR
Tri Sodium Phosphate	Betamethasone sodium phosphate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 1/Kg	1/Kg	1282.4 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Tri Hydroxy Methyl Ammonium Ethane	Methyl aminolevulinate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 250/g	250/g	1282 PKR
Toluene	Toluene	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 20/Ltr	20/Ltr	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Silver Nitrate	Silver nitrate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 250/g	250/g	1282 PKR
Tribenzylamine	Tribendilol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/Ltr	5/Ltr	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
2,5-diphenyl-3 (4-Styrylphenyl) tetrazolium chloride	Acetate/calcium/chloride/gluconate/magnesium/potassium/sodium	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2.5/g	2.5/g	1282 PKR
Dexamethasone (standard) Secondary (DC&TMD)	Dexamethasone	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2.5/g	2.5/g	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Betamethasone (Standard) Secondary (DC&TMD)	Betamethasone	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2.5/g	2.5/g	1282 PKR
Hydrocortisone (Standard) Secondary (DC&TMD)	Acetic acid/hydrocortisone	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2.5/g	2.5/g	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Cortisone (Standard) Secondary (DC&TMD)	Acetic acid/hydrocortisone	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2.5/g	2.5/g	1282 PKR
Prednisolone (Standard) (DC&TMD)	Atropine/prednisolone	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 2.5/g	2.5/g	1282.4 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Dichloromethane	The diagnosis of toxic effect by dichloromethane	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2.5/Ltr	2.5/Ltr	1282 PKR
1-4 Dioxan	Dioxadilol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/Ltr	5/Ltr	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Phosphate Buffer (0.05m) Secondary (DC&TMD)	Potassium chloride/sodium chloride/sodium hydroxide/sodium phosphate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 1/Ltr	1/Ltr	1282 PKR
0.1N Tetra –N- Butyl Ammonium Hydroxide	Aminophylline/ammonium chloride/diphenhydramine	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 2.5/Ltr	2.5/Ltr	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Xylenol Orange (Merck, BDH Sigma Aldrich)	Acetic acid/benzalkonium chloride/chloroxylenol/pramoxine	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 250/g	250/g	1282 PKR
Zinc Chloride	Benzalkonium chloride/benzocaine/zinc chloride	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 1/Kg	1/Kg	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Acetonitrile HPLC grade	Acetonitrile	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/Ltr	5/Ltr	1282 PKR
Methanol HPLC grade	Methanol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/Ltr	5/Ltr	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Isopropanol HPLC grade	Isopropanol or isopropyl alcohol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/Ltr	5/Ltr	1282 PKR
Water HPLC grade,	Water hewning or use service	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/Ltr	5/Ltr	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Standard solution	Dialysis standard solution conductivity test kits	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 100/ml	100/ml	1282 PKR
Coolant solution for Osmometer (Osmotech) 100 ml	Androgeny and fertility reagent or solution or stain	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 100/ml	100/ml	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Total protein solution kit for spectrophotometer 01 kit	Proteins	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 1/kit	1/kit	1282 PKR
Fluid Thioglycolate media granulated anhydrous Merck	Acid, alcohol, and decolorizing fluid reagents	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 10/500 g bottle	10/500 g bottle	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Tryptic soya broth granulated anhydrous Merck	Tryptophan	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 10/500 g bottle	10/500 g bottle	1282 PKR
Tryptic soya agar granulated anhydrous Merck	Tryptophan	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 10/500 g bottle	10/500 g bottle	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
MacConkey agar granulated anhydrous Merck	Anhydrous glucose/potassium chloride/sodium chloride/trisodium citrate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 3/500 g bottle	3/500 g bottle	1282 PKR
Chloroform Original Company Packing Merck	Chloroform	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 10/500 g bottle	10/500 g bottle	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Sodium Chloride (NaCL)	Aminophylline/sodium chloride	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 4/Kg	4/Kg	1282 PKR
Formaldehyde 37% (Merck/sigma) HPCL	Cresol/formaldehyde	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 10/Ltr	10/Ltr	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Detergent	Detergent surfactants	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 7.5/Ltr	7.5/Ltr	1282.4 PKR
Cellulose Nitrate Filter Pore size 0.45 um,	Alginic acid/carboxymethylcellulose sodium/sodium bicarbonate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 10/pack	10/pack	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Dry Heat Chemical Indicator Strips	Dry heat or hot air sterilizer accessories	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 10/pack	10/pack	1282 PKR
Peptone water granulated anhydrous Merck	Water distribution tap stand	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/500 g bottle	5/500 g bottle	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Phenol disinfectant,	Allantoin/camphor/phenol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 10/Ltr	10/Ltr	1282 PKR
pH solution for Calibration	Calibration sources	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/set	5/set	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Oxyl pro clean disinfectant for fogging	Medical equipment and instrument disinfectant washing equipment	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 15/1 liter bottle	15/1 liter bottle	1282 PKR
Sterile alcohol	Acetone/alcohol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 30/Ltr	30/Ltr	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Prokleen Liquid Hand wash Capacity	Aqueous cleaning and washing equipment	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 20/bottle	20/bottle	1282 PKR
Biological Indicators	Biological indicator test incubator	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 10/100 pkt	10/100 pkt	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Surgistain rust remover	Rust remover	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 5/1 liter	5/1 liter	1282 PKR
Sterile single pack spreader	Sterile or aseptic processing or filling machines	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 5/1 liter	5/1 liter	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
30 % Acryl/Bis, 29:1 cat/Lot:	Industrial chemical equipment spare parts and accessories	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1000/ml	1000/ml	1282 PKR
iProof High-Fidelity DNA Polymerase cat/Lot:	Acetal polymer	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/ml	5/ml	1282.4 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
iTaq DNA Polymerase cat/Lot:	Acetal polymer	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/ml	5/ml	1282 PKR
MgCl2 Solution for PCR cat/Lot:	Androgeny and fertility reagent or solution or stain	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/ml	5/ml	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
dNTP Solution Mix cat/Lot:	Androgeny and fertility reagent or solution or stain	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/ml	5/ml	1282.4 PKR
Rectified Spirit Providers	Rectifiers	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 36/Ltr	36/Ltr	1282 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
DNA Gel Loading Dye (6X) cat/Lot:	Agarose gel making reagents	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/ml	5/ml	1282.4 PKR
PCR Tubes	Polymerase chain reaction PCR tube strip and plate cooler	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 500/Qty	500/Qty	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Cooling racks Providers	Domestic cooling racks	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/Qty	5/Qty	40 PKR
DNA Extraction kit	Kits or enzymes for sequencing	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2/Qty	2/Qty	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Water for Injection	Sterile water for injection	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 1/Ltr	1/Ltr	40 PKR
Conductivity Standards	Conductivity cells	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 100/ml	100/ml	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Merck pH standard buffers pH	Buffer solutions	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 3/Ltr	3/Ltr	40 PKR
Endotoxin and pyrogen	Endotoxin assay	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 10/kit	10/kit	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
TEMED Providers	Artemether	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2/bottle	2/bottle	40 PKR
Sodium citrate Merck	Ammonium chloride/diphenhydramine/menthol/sodium citrate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2/Kg	2/Kg	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
KmNo4 Merck with QR-code	Industrial chemical equipment spare parts and accessories	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 3/Kg	3/Kg	40 PKR
Sodium thiosulphate	Amyl nitrite/sodium nitrite/sodium thiosulfate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 1/g	1/g	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Sodium Nitrate	Phenobarbital/sodium nitrite	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 50/g	50/g	40 PKR
Conductivity meter standards:	Conductivity meters	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 1/bottle	1/bottle	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Pipeline cleaning fluid	Pipeline cleaning services	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 1000/ml	1000/ml	40 PKR
Albumin estimation kit	Albumin	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 1/kit	1/kit	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Potassium Bromate Merck	Potassium bromide	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 100/g	100/g	40 PKR
Potassium Bromide Merck cat	Potassium bromide	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 100/g	100/g	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Dimethyl sulfoxide (Sigma)	Dimethyl sulfoxide	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/bottle	5/bottle	40 PKR
Dulbecco’s PBS	Androgeny and fertility reagent or solution or stain	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 15/bottle	15/bottle	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Gibco Trypsin EDTA	Gib head key	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/bottle	5/bottle	40 PKR
Gibco DMEM (1X) 500ml Lot No 2813961	Gib head key	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 15/bottle	15/bottle	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Glycerol	Glycerol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2.5/Ltr	2.5/Ltr	40 PKR
Bleach (Sodium Hypoechoic)	Bleaches	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 2.5/Ltr	2.5/Ltr	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Hydrogen peroxide H2O2	Carbamide peroxide or hydrogen peroxide	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 10/Ltr	10/Ltr	40 PKR
Quarterly ammonium compound QAC	Quarterly reviews	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 10/Ltr	10/Ltr	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Methylated spirit	Methylatropine	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 1/Ltr	1/Ltr	40 PKR
Fetal bovine serum (FBS)	Acute care fetal or maternal monitoring unit accessories	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2500/ml	2500/ml	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Hepes buffer,	Acid buffers	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 500/ml	500/ml	40 PKR
10x Minimum Essential Medium Eagle (MODIFIED)	Diagnosis of essential or primary hypertension	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 500/g	500/g	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Penicillin streptomycin,	Penicillin o	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 500/ml	500/ml	40 PKR
Amphotericin B,	Amphotericin b	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 500/ml	500/ml	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Non-essential Amino Acids,	Diagnosis of pre-existing essential hypertension complicating pregnancy, childbirth and the puerperium	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 500/ml	500/ml	40 PKR
Trypsin 0.25% EDTA 1x (100 ml bottle),	Trypsin test system	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 500/ml	500/ml	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Stacking Gel buffer,	Chassis stacking components	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2/Ltr	2/Ltr	40 PKR
Resolving Gel buffer,	Agarose gel making reagents	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2/Ltr	2/Ltr	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Ammonium persulfate	Aminophylline/ammonium chloride/diphenhydramine	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 50/g	50/g	40 PKR
Sodium dodecyl sulfate,	Sodium sulfate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2/Kg	2/Kg	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Tris hydrochloride	Tiropramide or tiropramide hydrochloride	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2/Kg	2/Kg	40 PKR
Coommise Brilliant blue G 250,	Automated coombs test systems	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 50/g	50/g	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Glycine, Sigma, Merck	Glycine/niacin	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2/Kg	2/Kg	40 PKR
Glycerine, clear,	Glycerine	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2000/ml	2000/ml	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Acetic acid	Acetic acid	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2500/ml	2500/ml	40 PKR
Methanol,	Methanol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2500/ml	2500/ml	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Ethanol	Ethanol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2500/ml	2500/ml	40 PKR
Mercaptoethanol	Ethanol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 250/ml	250/ml	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Bromophenol blue, Sigma,	Allantoin/camphor/phenol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 50/g	50/g	40 PKR
Clinical laboratory reagent water (CLRW),	Laboratory reactor	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/Ltr	5/Ltr	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Aerobic Bacterial Strain: Staphylococcus aureus	Aerobic capacity and endurance assessment of circulatory system - whole body	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2/Qty	2/Qty	40 PKR
Aerobic Bacterial Strain: Bacillus subtills:	Aerobic capacity and endurance assessment of circulatory system - whole body	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2/Qty	2/Qty	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Aerobic Bacterial Strain : Pseudomonas aeruginosa	Aerobic capacity and endurance assessment of circulatory system - whole body	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2/Qty	2/Qty	40 PKR
Anaerobic Bacterial Strain: Clostridium sporogenes	Anaerobic adhesive	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2/Qty	2/Qty	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Fungal Strain: Candida albicans	Fungal disease prevention or control services	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2/Qty	2/Qty	40 PKR
Fungal Strain: Aspergillus brasiliensis (mold)	Fungal disease prevention or control services	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 2/Qty	2/Qty	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Product Name: Diphtheria Toxoid (Adsorbed) (4th International Standard)	Diphtheria toxoid/pertussis vaccine/tetanus toxoid	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 3/Qty	3/Qty	40 PKR
Product Name: Diphtheria Challenge Toxin (Working Standard / Challenge Material)	Diphtheria toxoid/pertussis vaccine/tetanus toxoid	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 15/Qty	15/Qty	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Tetanus Toxoid Adsorbed (4th International Standard)	Diphtheria and tetanus toxoids absorbed	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 3/Qty	3/Qty	40 PKR
Product Name: Tetanus Challenge Toxin (Working Standard / Challenge Material)	Diphtheria and tetanus toxoids absorbed	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 15/Qty	15/Qty	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Pertussis Vaccine (Whole Cell)	Pertussis vaccine	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 3/Qty	3/Qty	40 PKR
International Reference Preparation for Opacity (5th IRP)	Opacity or dust or visibility sensors	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 3/Qty	3/Qty	40 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Lyophilized Bordetella pertussis 18323 (NIBSC Code 23/150) or Equivalent	Freeze dryer or lyophilizer accessories	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 6/Qty	6/Qty	44 PKR
2% Glutaraldehyde Solution: Sigma or equivalent.	Glutaraldehyde	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 20/Ltr	20/Ltr	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
70% Isopropyl Alcohol (IPA): Sigma or equivalent	Acetone/isopropyl alcohol/polysorbate 80	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 100/Ltr	100/Ltr	44 PKR
70% Ethyl Alcohol Sigma or equivalent.	Ethyl alcohol antiseptic	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 20/Ltr	20/Ltr	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
0.5% Sodium Hypochlorite Solution : Sigma or equivalent	Sodium hypochlorite	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 10/Ltr	10/Ltr	44 PKR
Quaternary Ammonium Compound (QAC) Solution Benzalkinium chloride: Sigma or equivalent	Aminophylline/ammonium chloride/diphenhydramine	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 20/Ltr	20/Ltr	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Peptone Water	Water distribution tap stand	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 10/500 gram	10/500 gram	44 PKR
Haemophilus influenzae type b (Hib) Polysaccharide Polyribosyl Ribitol Phosphate (PRP)	Diagnosis of acute bronchitis due to haemophilus influenzae	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 3/Qty	3/Qty	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
WHO International Reference Reagent for Diphtheria Antitoxin for use in Flocculation Test (Equine)	Diphtheria and tetanus toxoids absorbed	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 3/Qty	3/Qty	44 PKR
WHO International Reference Reagent – Tetanus Antitoxin Equine for use in Flocculation Test	Diptheria and tetanus and wholecell pertussis vaccine	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 3/Qty	3/Qty	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Isopropyl alcoho	Acetone/isopropyl alcohol/polysorbate 80	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 4/Ltr	4/Ltr	44 PKR
Osmolality Standards	Diagnosis of hyperosmolality and hypernatraemia	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 1/each	1/each	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Conductivity standard	Conductivity cells	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 1/each	1/each	44 PKR
Water HPLC grade	Water distribution tap stand	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 4/Ltr	4/Ltr	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Aluminum reference standard	Acetaminophen/aluminum acetate/chlorpheniramine/phenylpropanolam	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 100/g	100/g	44 PKR
pH standard buffers	Other buffers	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 1/each	1/each	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
TDS Standard solutions	Buffer solutions	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 1/each	1/each	44 PKR
Water for Injection,	Sterile water for injection	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 1/Ltr	1/Ltr	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Total Protein estimation kit	Protein testing kits or supplies	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 1/Ltr	1/Ltr	44 PKR
Albumin estimation kit	Albumin	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 1/Kg	1/Kg	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Globulin estimation kit	Alpha-2-macroglobulin immunological test system	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 1/Kg	1/Kg	44 PKR
Free Formaldehyde reference standard	Formaldehydes	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 1 **Quantity:** 100/g	100/g	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Thiomersal Reference standard Merck	Thimerosal or thiomersal	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 100/g	100/g	44 PKR
Methanol Gradient grade Merck	Methanol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 4/Ltr	4/Ltr	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Kits for gas estimation (CO2 , NO2) in steam	Protein chemifluorescent detection reagents or kits or substrates	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 2/kits	2/kits	44 PKR
Sodium Hydroxide Merck	Sodium hydroxide	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1/Kg	1/Kg	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Sodium Hypochlorite Merck	Sodium hypochlorite	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1/Ltr	1/Ltr	44 PKR
Hydrogen peroxide Merck	Carbamide peroxide or hydrogen peroxide	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1/Ltr	1/Ltr	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Hydrochloric acid Merck	Hydrochloric acid	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 4/Ltr	4/Ltr	44 PKR
Calcium carbonate Merck	Acetaminophen/calcium carbonate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1/Kg	1/Kg	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
0.05 M EDTA solution	Benzalkonium chloride/edta	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 500/ml	500/ml	44 PKR
Hydroxy Napthol blue Merck	17-hydroxycorticosteroids (17-ketogenic steroids) test system	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 100/g	100/g	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Sodium chloride	Aminophylline/sodium chloride	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1/Kg	1/Kg	44 PKR
Eriochrome Black T	Carbazochrome	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 100/g	100/g	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Ammonia solution Merck	Ammonia	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 500/ml	500/ml	44 PKR
EDTA Merck	Benzalkonium chloride/edta	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 1/Kg	1/Kg	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Ammonium chloride	Aminophylline/ammonium chloride/diphenhydramine	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 100/g	100/g	44 PKR
Dithizone solution.	Anthralin or dithranol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 1/Ltr	1/Ltr	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Ammonium Acetate	Aminophylline/ammonium chloride/diphenhydramine	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 120 Days **Quantity:** 500/g	500/g	44 PKR
Sulphuric Acid	Sulphuric acid	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 4/Ltr	4/Ltr	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Glacial Acetic Acid	Acetic acid	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 4/Ltr	4/Ltr	44 PKR
Nitric Acid Merck	The diagnosis of toxic effect of nitroglycerin and nitric acids and esters	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 4/Ltr	4/Ltr	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Sodium Acetate	Sodium acetate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 500/g	500/g	44 PKR
PAN Pyridylazonaphtol.Merck	Nicotinyl alcohol or pyridylcarbinol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 100/g	100/g	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Ethanol Merck	Ethanol	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 4/Ltr	4/Ltr	44 PKR
Copper Sulphate	Copper sulfate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 1/Kg	1/Kg	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Acetone	Acetone or alcohol based antiseptics	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 4/Ltr	4/Ltr	44 PKR
Chloroform	Chloroform	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 4/Ltr	4/Ltr	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Aluminum phosphate / Aluminum hydroxide	Acetaminophen/aluminum hydroxide/aspirin/caffeine/magnesium hydr	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 100/ml	100/ml	44 PKR
Disodium edentate	Edetate disodium	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 1/Kg	1/Kg	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Dulbecco's DMEM (1x) Solution,	Impoundment or storage of water services	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5000/ml	5000/ml	44 PKR
Dulbecco's Phosphate	Dimemorfan phosphate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 10/ml	10/ml	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Anti polio virus serum Type 1 (Neutralizing antiserum)	Poliovirus vaccine	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/vials	5/vials	44 PKR
Anti polio virus serum Type 3 (Neutralizing antiserum)	Poliovirus vaccine	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/vials	5/vials	66.66 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Trypsin-Versene Solution	Trypsin test system	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/bottle	5/bottle	44 PKR
Evans blue dye	Acid dye	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 50/g	50/g	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Sodium Hypochlorite Solution,	Sodium hypochlorite	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/bottle	5/bottle	666.66 PKR
Anti polio virus serum Mix (Type 1+Type 3)	Poliovirus vaccine	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/vials	5/vials	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Anti polio virus serum Mix (Type 1+2+3)	Poliovirus vaccine	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/vials	5/vials	44 PKR
HBsAg ELISA Kit	Kits or enzymes for sequencing	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 3/Qty	3/Qty	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Bovine Serum Albumin (BSA)	Antirabic bovine vaccine	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 500/g	500/g	44 PKR
Di-ethanolamine (DEA	Diethanolamine	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 10/Ltr	10/Ltr	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Triton X-100, S	Hypostamine or tritoqualine	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 10/Ltr	10/Ltr	44 PKR
Potassium Di-hydrogen phosphate	Phenyltoloxamine dihydrogen citrate	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/Kg	5/Kg	44 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Di-potassium hydrogen phosphate,	Clorazepate dipotassium	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/Kg	5/Kg	66.66 PKR
Spordex strips:	Binding combs or strips	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 5/pack	5/pack	66.66 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
LAL kit (Gel clot method):	Kits or enzymes for sequencing	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 50/vials	50/vials	66.66 PKR
Control Standard Endotoxin (CSE)	Endotoxin assay	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 40/vials	40/vials	66.66 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Pyrogen free test tubes	Veterinary pyrogenic tester	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 40/pack	40/pack	66.66 PKR
LAL reagent water (LRW):	Acetic acid, alcohol, and toluidine blue combination reagents	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 40/bottle	40/bottle	66.66 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security
Control Standard Endotoxin For DHS (Oven Validation),	Endotoxin assay	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 50/vials	50/vials	66.66 PKR
ELISA kit for immunoglobin (G) IgG CAT: UCEAS44Eq	Kits or reagents for capillary electrophoresis	**Address:** Park Road, Islamabad Capital Territory **Schedule:** 27 Days **Quantity:** 15/kits	15/kits	22.22 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Related Services of Goods:

No

Items/Lot Specification

Items Without Lots :

Item: Acetic Acid (Merck,BDH Sigma Aldrich)

UNSPSC: Acetic acid

Specifications / Requirementsss:

Acetic Acid (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Acetic Acid, Glacial (Merck,BDH Sigma Aldrich)

UNSPSC: Acetic acid

Specifications / Requirementsss:

Acetic Acid, Glacial (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Ammonia Solution

UNSPSC: Ammonia test system

Specifications / Requirementsss:

Ammonia Solution (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Ammonium Chloride

UNSPSC: Ammonium chloride standards

Specifications / Requirementsss:

Ammonium Chloride (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Ammonium Tihocyanate

UNSPSC: Ammonium chloride/chlorpheniramine/codeine/phenylephrine

Specifications / Requirementsss:

Ammonium Tihocyanate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Ammonium Molybdate

UNSPSC: Ammonium chloride/glycyrrhiza/hyoscyamus/phenobarbital/terpin hydrate

Specifications / Requirementsss:

Ammonium Molybdate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Ammonium Carbonate

UNSPSC: Aluminum carbonate

Specifications / Requirementsss:

Ammonium Carbonate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Ammonium Phosphate

UNSPSC: Aluminium phosphate

Specifications / Requirementsss:

Ammonium Phosphate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Acetonitrile GR

UNSPSC: Acetonitrile

Specifications / Requirementsss:

Acetonitrile GR (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Acetonitrile

UNSPSC: Acetonitrile

Specifications / Requirementsss:

Acetonitrile (GCMS Grade (Merck,BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Acetone GR

UNSPSC: Acetone/alcohol

Specifications / Requirementsss:

Acetone GR (Merck, Sigma Aldrich, BDH, Lab Scan) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Acetone HPLC

UNSPSC: Acetone or alcohol based antiseptics

Specifications / Requirementsss:

Acetone HPLC (Merck, Sigma Aldrich, BDH, Lab Scan) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Ammonium Dihydrogen Phosphate

UNSPSC: Aluminium phosphate

Specifications / Requirementsss:

Ammonium Dihydrogen Phosphate (Merck, Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Blood Agar

UNSPSC: Blood analysis laboratory services

Specifications / Requirementsss:

Blood Agar (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Butanol

UNSPSC: Aluminum potassium sulfate/chlorobutanol/tannic acid

Specifications / Requirementsss:

Butanol (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Bromocresol Green (DC&TMD)

UNSPSC: Bromocriptine

Specifications / Requirementsss:

Bromocresol Green (DC&TMD)

Item: Buffer solution

UNSPSC: Buffer solutions

Specifications / Requirementsss:

Buffer solution PH 4.01 (Merck, Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Buffer solution

UNSPSC: Buffer solutions

Specifications / Requirementsss:

Buffer solution PH 7.00 (Merck, Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Buffer solution

UNSPSC: Buffer solutions

Specifications / Requirementsss:

Buffer solution PH 9.21 (Merck, Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Buffer solution

UNSPSC: Buffer solutions

Specifications / Requirementsss:

Buffer solution PH 10.0 (Merck, Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Calcium chloride

UNSPSC: Aprotinin/Fibrinogen+Calcium chloride/Thrombin

Specifications / Requirementsss:

Calcium chloride (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Concentrated Sulphuric Acid (DC&TMD)

UNSPSC: Sulphuric acid

Specifications / Requirementsss:

Concentrated Sulphuric Acid (DC&TMD)

Item: Cupric Chloride

UNSPSC: Cupric chloride

Specifications / Requirementsss:

Cupric Chloride (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Cupric Sulphate

UNSPSC: Chromic chloride/cupric sulfate/manganese sulfate/selenium/zinc

Specifications / Requirementsss:

Cupric Sulphate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Chloroform

UNSPSC: Chloroform

Specifications / Requirementsss:

Chloroform (Merck, BDH, Lab Scan, Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Chloroform

UNSPSC: Chloroform

Specifications / Requirementsss:

Chloroform (GCMS Grade) (Merck, BDH, Lab Scan, Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Disodium Hydrogen

UNSPSC: Hydrogen busses

Specifications / Requirementsss:

Disodium Hydrogen orthophosphate (Merck, BDH, Lab Scan, Sigma Aldrich)

Item: Diphenylamine

UNSPSC: Diphenylpyraline

Specifications / Requirementsss:

Diphenylamine (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Disodium Tetraborate

UNSPSC: Edetate disodium

Specifications / Requirementsss:

Disodium Tetraborate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Di-Sodium Edetate

UNSPSC: Edetate disodium

Specifications / Requirementsss:

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Di-Sodium Edetate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Di-Potassium Phosphate

UNSPSC: Meprednisone disodium phosphate

Specifications / Requirementsss:

Di-Potassium Phosphate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Di- Ammonium Hydrogen Orthophosphate

UNSPSC: Naftidrofuryl hydrogen oxalate

Specifications / Requirementsss:

Di- Ammonium Hydrogen Orthophosphate (Merck,BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Di-Methyl Sulfoxide

UNSPSC: Dimethyl sulfoxide

Specifications / Requirementsss:

Di-Methyl Sulfoxide (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Diethylamine

UNSPSC: Diethylamine salicylate

Specifications / Requirementsss:

Diethylamine (Merck, Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Sodium Hydrogen Phosphate

UNSPSC: Sodium hydroxide

Specifications / Requirementsss:

Sodium Hydrogen Phosphate (Merck, Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Ethyl Acetate

UNSPSC: Ethylene

Specifications / Requirementsss:

Ethyl Acetate (Lab Scan, (Merck,BDH, Sigma Aldrich) (DC&TMD)

Item: Erichrom Black

UNSPSC: Erichsen tester

Specifications / Requirementsss:

Erichrom Black (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Ferrous Ammonium Sulphate

UNSPSC: Ferrous ammonium sulfate titrants

Specifications / Requirementsss:

Ferrous Ammonium Sulphate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Ferric Nitrate

UNSPSC: Ferric subsulfate

Specifications / Requirementsss:

Ferric Nitrate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Ethanol Absolute GR Merck

UNSPSC: Ethanol

Specifications / Requirementsss:

Ethanol Absolute GR Merck, Lab Scan, Sigma) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Ethanol (GCMS Grade Merck, Lab Scan, Sigma)

UNSPSC: Ethanol

Specifications / Requirementsss:

Ethanol (GCMS Grade Merck, Lab Scan, Sigma) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Isopropanol (HPLC Grade) Merck, Lab Scan, Sigma)

UNSPSC: Camphor/isopropanol/menthol/propylene glycol

Specifications / Requirementsss:

Isopropanol (HPLC Grade) Merck, Lab Scan, Sigma) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Isopropanol

UNSPSC: Isopropanol or isopropyl alcohol

Specifications / Requirementsss:

Isopropanol (GCMS Grade) Merck, Lab Scan, Sigma) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Hydroxymethylamine HCl

UNSPSC: Sodium hydroxymethane/stannous chloride

Specifications / Requirementsss:

Hydroxymethylamine HCl (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Hydroxy Ammonium Chloride

UNSPSC: Aluminum chloride/hydroxyquinoline sulfate/tetracaine

Specifications / Requirementsss:

Hydroxy Ammonium Chloride (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Hexylamine Merck

UNSPSC: Hexylcaine

Specifications / Requirementsss:

Hexylamine Merck, Lab Scan, Sigma) with Certificate of Analysis (DC&TMD)

Item: Hydrochloric Acid Concentrated

UNSPSC: Hydrochloric acid

Specifications / Requirementsss:

Hydrochloric Acid Concentrated (37%)(Merck, Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Iodine Pellets

UNSPSC: Calcium/iodine

Specifications / Requirementsss:

Iodine Pellets (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Isopropanol

UNSPSC: Isopropanol or isopropyl alcohol

Specifications / Requirementsss:

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Isopropanol (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: ISO-Octane

UNSPSC: Octane boost

Specifications / Requirementsss:

ISO-Octane (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Lead Acetate

UNSPSC: Lead

Specifications / Requirementsss:

Lead Acetate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Methyl Orange

UNSPSC: Alcohol/benzoic acid/eucalyptol/methyl salicylate/thymol

Specifications / Requirementsss:

Methyl Orange (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Magnesium Chloride

UNSPSC: Magnesium chloride/sodium chloride

Specifications / Requirementsss:

Magnesium Chloride (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Magnesium Sulphate

UNSPSC: Magnesium Mg

Specifications / Requirementsss:

Magnesium Sulphate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Magnesium Oxide

UNSPSC: Aspirin/magnesium oxide

Specifications / Requirementsss:

Magnesium Oxide (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Mannitol (Merck,BDH Sigma Aldrich)

UNSPSC: Mannitol

Specifications / Requirementsss:

Mannitol (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Methanol GR

UNSPSC: Methanol

Specifications / Requirementsss:

Methanol GR (Merck, BDH Sigma Lab scan Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Methanol HPLC

UNSPSC: Methanol

Specifications / Requirementsss:

Methanol HPLC (Merck, Sigma BDH Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Methanol (GCMS Grade)

UNSPSC: Methanol

Specifications / Requirementsss:

Methanol (GCMS Grade) (Merck, Sigma BDH Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Methanol Analytical

UNSPSC: Methanol

Specifications / Requirementsss:

Methanol Analytical (Merck, BDH, Lab Scan, Sigma) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Nutrient Agar

UNSPSC: Nutrients

Specifications / Requirementsss:

Nutrient Agar (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: N-Hexane

UNSPSC: Nandrolone cyclohexanecarboxylate

Specifications / Requirementsss:

N-Hexane (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Nitric Acid (Merck, BDH Sigma Aldrich)

UNSPSC: Breath nitric oxide test system

Specifications / Requirementsss:

Nitric Acid (Merck, BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: n-Docosane (GCMS Grade) (Merck, BDH, Lab Scan, Sigma)

UNSPSC: Industrial chemical equipment spare parts and accessories

Specifications / Requirementsss:

n-Docosane (GCMS Grade) (Merck, BDH, Lab Scan, Sigma) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: N, O-bis-trimethylsilylacetamide (BSA)

UNSPSC: Caffeine or trimethylxanthine

Specifications / Requirementsss:

N, O-bis-trimethylsilylacetamide (BSA) (Merck, BDH, Lab Scan, Sigma) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: N-methyl-N-trimethylsilyltrifluoroaceamide

UNSPSC: Menthol/methyl nicotinate/methyl salicylate

Specifications / Requirementsss:

N-methyl-N-trimethylsilyltrifluoroaceamide (MSTFA- (GCMS Grade), (Merck, BDH, Lab Scan, Sigma) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Octane 1 Sulfonic Acid Sodium Salt (DC&TMD)

UNSPSC: Sodium Na

Specifications / Requirementsss:

Octane 1 Sulfonic Acid Sodium Salt (DC&TMD)

Item: Ortho-Phosphoric Acid. (DC&TMD)

UNSPSC: Calcium glycerophosphate/phosphoric acid/sodium glycerophosphate

Specifications / Requirementsss:

Ortho-Phosphoric Acid. (DC&TMD)

Item: Phelphthalin (Merck, BDH Sigma Aldrich)

UNSPSC: 1-phenyl-2-propanone

Specifications / Requirementsss:

Phelphthalin (Merck, BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: 1-Propanol (Merck, BDH Sigma Aldrich)

UNSPSC: Propanol

Specifications / Requirementsss:

1-Propanol (Merck, BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Phosphoric Acid

UNSPSC: Calcium glycerophosphate/phosphoric acid/sodium glycerophosphate

Specifications / Requirementsss:

Phosphoric Acid (Merck, BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted)

Item: Pyridine

UNSPSC: Phenazopyridine

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Specifications / Requirementsss:

Pyridine (Merck, BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted)

Item: Potassium Sodium Tartarate

UNSPSC: Potassium sodium tartrate

Specifications / Requirementsss:

Potassium Sodium Tartarate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Potassium Bromide

UNSPSC: Potassium bromide

Specifications / Requirementsss:

Potassium Bromide (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Potassium Iodate

UNSPSC: Aminophylline/potassium iodide

Specifications / Requirementsss:

Potassium Iodate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Potassium Sulphate

UNSPSC: Potassium sulphate

Specifications / Requirementsss:

Potassium Sulphate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Potassium Permanganate Analysis

UNSPSC: Potassium permanganate

Specifications / Requirementsss:

Potassium Permanganate Analysis (Merck,BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Potassium Hydrogen Phthalate

UNSPSC: Potassium hydroxide

Specifications / Requirementsss:

Potassium Hydrogen Phthalate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted)

Item: Potassium Dichromate

UNSPSC: Acetate/calcium/chloride/gluconate/magnesium/potassium/sodium

Specifications / Requirementsss:

Potassium Dichromate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Potassium Dihydrogen orthophosphate

UNSPSC: Acetate/calcium/chloride/gluconate/magnesium/potassium/sodium

Specifications / Requirementsss:

Potassium Dihydrogen orthophosphate (Merck, BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Sodium di hydrogen phosphate

UNSPSC: Edetate disodium/sodium chloride/sodium phosphate

Specifications / Requirementsss:

Sodium di hydrogen phosphate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Sulphuric acid 97 %

UNSPSC: Sulphuric acid

Specifications / Requirementsss:

Sulphuric acid 97 % (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Sodium Sulphate (Anhydrous)

UNSPSC: Dioctyl sodium sulphosuccinate

Specifications / Requirementsss:

Sodium Sulphate (Anhydrous) (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Salicylic Acid

UNSPSC: Acetic acid/salicylic acid

Specifications / Requirementsss:

Salicylic Acid (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Sodium Acetate

UNSPSC: Sodium acetate

Specifications / Requirementsss:

Sodium Acetate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Sodium Bisulphate

UNSPSC: Alginic acid/aluminum hydroxide/magnesium trisilicate/sodium bicarbonate

Specifications / Requirementsss:

Sodium Bisulphate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Sodium Nitrate

UNSPSC: Phenobarbital/sodium nitrite

Specifications / Requirementsss:

Sodium Nitrate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Sodium Chloride

UNSPSC: Aminophylline/sodium chloride

Specifications / Requirementsss:

Sodium Chloride (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Sodium Citrate

UNSPSC: Ammonium chloride/diphenhydramine/menthol/sodium citrate

Specifications / Requirementsss:

Sodium Citrate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Sodium Hydrogen Sulphite

UNSPSC: Benzalkonium chloride/edetate/sodium hydroxide

Specifications / Requirementsss:

Sodium Hydrogen Sulphite (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Sodium Periodate

UNSPSC: Sodium perborate

Specifications / Requirementsss:

Sodium Periodate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Sodium DoecylSulphate

UNSPSC: Loxoprofen sodium dihydrate

Specifications / Requirementsss:

Sodium DoecylSulphate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Sodium Nitrate

UNSPSC: Phenobarbital/sodium nitrite

Specifications / Requirementsss:

Sodium Nitrate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Sodium Nitroprusside

UNSPSC: Amyl nitrite/sodium nitrite/sodium thiosulfate

Specifications / Requirementsss:

Sodium Nitroprusside (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted)

Item: Silver Chloride

UNSPSC: Silver

Specifications / Requirementsss:

Silver Chloride (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted)

Item: Sodium Benzoate

UNSPSC: Belladonna/kaolin/pectin/sodium benzoate

Specifications / Requirementsss:

Sodium Benzoate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted)

Item: Sodium Dihydrogen orthophosphate

UNSPSC: Loxoprofen sodium dihydrate

Specifications / Requirementsss:

Sodium Dihydrogen orthophosphate (Merck, BDH, Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted)

Item: Sodium Hydroxide

UNSPSC: Benzalkonium chloride/edetate/sodium hydroxide

Specifications / Requirementsss:

Sodium Hydroxide (Reagent) (Merck, BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Tertiary Butyl Alcohol

UNSPSC: Acetone/alcohol

Specifications / Requirementsss:

Tertiary Butyl Alcohol (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Tribasic sodium Phosphate Dodecahydrate

UNSPSC: Betamethasone sodium phosphate

Specifications / Requirementsss:

Tribasic sodium Phosphate Dodecahydrate (Merck,BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Tetrahydrofuran HPLC Grade

UNSPSC: Thiamine tetrahydrofurfuryl disulfide hydrochloride

Specifications / Requirementsss:

Tetrahydrofuran HPLC Grade (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Tri Sodium Phosphate

UNSPSC: Betamethasone sodium phosphate

Specifications / Requirementsss:

Tri Sodium Phosphate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)

Item: Tri Hydroxy Methyl Ammonium Ethane

UNSPSC: Methyl aminolevulinate

Specifications / Requirementsss:

Tri Hydroxy Methyl Ammonium Ethane (Merck,BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Toluene

UNSPSC: Toluene

Specifications / Requirementsss:

Toluene (Merck, BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Silver Nitrate

UNSPSC: Silver nitrate

Specifications / Requirementsss:

Silver Nitrate (Merck, BDH, Lab Scan, Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Tribenzylamine

UNSPSC: Tribendilol

Specifications / Requirementsss:

Tribenzylamine (GCMS Grade) (Merck, BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: 2,5-diphenyl-3 (4-Styrylphenyl) tetrazolium chloride

UNSPSC: Acetate/calcium/chloride/gluconate/magnesium/potassium/sodium

Specifications / Requirementsss:

2,5-diphenyl-3 (4-Styrylphenyl) tetrazolium chloride (Merck, BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Dexamethasone (standard) Secondary (DC&TMD)

UNSPSC: Dexamethasone

Specifications / Requirementsss:

Dexamethasone (standard) Secondary (DC&TMD)

Item: Betamethasone (Standard) Secondary (DC&TMD)

UNSPSC: Betamethasone

Specifications / Requirementsss:

Betamethasone (Standard) Secondary (DC&TMD)

Item: Hydrocortisone (Standard) Secondary (DC&TMD)

UNSPSC: Acetic acid/hydrocortisone

Specifications / Requirementsss:

Hydrocortisone (Standard) Secondary (DC&TMD)

Item: Cortisone (Standard) Secondary (DC&TMD)

UNSPSC: Acetic acid/hydrocortisone

Specifications / Requirementsss:

Cortisone (Standard) Secondary (DC&TMD)

Item: Prednisolone (Standard) (DC&TMD)

UNSPSC: Atropine/prednisolone

Specifications / Requirementsss:

Prednisolone (Standard) (DC&TMD)

Item: Dichloromethane

UNSPSC: The diagnosis of toxic effect by dichloromethane

Specifications / Requirementsss:

Dichloromethane (Merck, BDH, Lab Scan, Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: 1-4 Dioxan

UNSPSC: Dioxadilol

Specifications / Requirementsss:

1-4 Dioxan (Merck, BDH, Lab Scan, Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Phosphate Buffer (0.05m) Secondary (DC&TMD)

UNSPSC: Potassium chloride/sodium chloride/sodium hydroxide/sodium phosphate

Specifications / Requirementsss:

Phosphate Buffer (0.05m) Secondary (DC&TMD)

Item: 0.1N Tetra –N- Butyl Ammonium Hydroxide

UNSPSC: Aminophylline/ammonium chloride/diphenhydramine

Specifications / Requirementsss:

0.1N Tetra –N- Butyl Ammonium Hydroxide (Merck, BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Xylenol Orange (Merck, BDH Sigma Aldrich)

UNSPSC: Acetic acid/benzalkonium chloride/chloroxylenol/pramoxine

Specifications / Requirementsss:

Xylenol Orange (Merck, BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Zinc Chloride

UNSPSC: Benzalkonium chloride/benzocaine/zinc chloride

Specifications / Requirementsss:

Zinc Chloride (Merck, BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)

Item: Acetonitrile HPLC grade

UNSPSC: Acetonitrile

Specifications / Requirementsss:

Acetonitrile HPLC grade, Merck or equivalent with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted.(QCL)

Item: Methanol HPLC grade

UNSPSC: Methanol

Specifications / Requirementsss:

Methanol HPLC grade, Merck equivalent with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Isopropanol HPLC grade

UNSPSC: Isopropanol or isopropyl alcohol

Specifications / Requirementsss:

Isopropanol HPLC grade, Merck equivalent with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Water HPLC grade,

UNSPSC: Water hewning or use service

Specifications / Requirementsss:

Water HPLC grade, Merck equivalent with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Standard solution

UNSPSC: Dialysis standard solution conductivity test kits

Specifications / Requirementsss:

Standard solution 100 to 600 mOsmol/kg for Osmometer (Osmotech) – 100 ml each Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Coolant solution for Osmometer (Osmotech) 100 ml

UNSPSC: Androgeny and fertility reagent or solution or stain

Specifications / Requirementsss:

Coolant solution for Osmometer (Osmotech) 100 ml Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not

be accepted. (QCL)

Item: Total protein solution kit for spectrophotometer 01 kit

UNSPSC: Proteins

Specifications / Requirementsss:

Total protein solution kit for spectrophotometer 01 kit Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Fluid Thioglycolate media granulated anhydrous Merck

UNSPSC: Acid, alcohol, and decolorizing fluid reagents

Specifications / Requirementsss:

Fluid Thioglycolate media granulated anhydrous Merck /oxoid /sigma (Original manufacturer packing) 80 % expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL) (10x500 g)

Item: Tryptic soya broth granulated anhydrous Merck

UNSPSC: Tryptophan

Specifications / Requirementsss:

Tryptic soya broth granulated anhydrous Merck/ oxoid /sigma (Original manufacturer packing) 80 % expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL) (10x 500 g)

Item: Tryptic soya agar granulated anhydrous Merck

UNSPSC: Tryptophan

Specifications / Requirementsss:

Tryptic soya agar granulated anhydrous Merck /oxoid /sigma (Original manufacturer packing) 80 % expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted.(10x 500 g)

Item: MacConkey agar granulated anhydrous Merck

UNSPSC: Anhydrous glucose/potassium chloride/sodium chloride/trisodium citrate

Specifications / Requirementsss:

MacConkey agar granulated anhydrous Merck/ oxoid /sigma (Original manufacturer packing) 80 % expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL) (3 x 500 g)

Item: Chloroform Original Company Packing Merck

UNSPSC: Chloroform

Specifications / Requirementsss:

Chloroform Original Company Packing Merck with QR-code authentication or complete import document traceability Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (10 x 500 g)

Item: Sodium Chloride (NaCL)

UNSPSC: Aminophylline/sodium chloride

Specifications / Requirementsss:

Sodium Chloride (NaCL) Merck or equivalent with QR-code authentication or complete import document traceability Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Formaldehyde 37% (Merck/sigma) HPCL

UNSPSC: Cresol/formaldehyde

Specifications / Requirementsss:

Formaldehyde 37% (Merck/sigma) HPCL Graded Merck or equivalent with QR-code authentication or complete import document traceability Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Detergent

UNSPSC: Detergent surfactants

Specifications / Requirementsss:

7x Detergent (IVF Lab Cleaning 5 ltr. Solution) or equivalent with QR-code authentication or complete import document traceability Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Cellulose Nitrate Filter Pore size 0.45 um,

UNSPSC: Alginic acid/carboxymethylcellulose sodium/sodium bicarbonate

Specifications / Requirementsss:

Cellulose Nitrate Filter Pore size 0.45 um, Geottingen, Germany Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Dry Heat Chemical Indicator Strips

UNSPSC: Dry heat or hot air sterilizer accessories

Specifications / Requirementsss:

Dry Heat Chemical Indicator Strips, 100/Pkg, SPS Medical Patterson Item #: 638-9845 Compatible Sterilization Type: Dry Heat Manufacturer Name: SPS Medical Package Quantity: 100/PkgProcess Indicator Type: Color Change, Product Type: Chemical Indicator Strip Strip Length: 4", Strip Packaging Location: Internal Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Peptone water granulated anhydrous Merck

UNSPSC: Water distribution tap stand

Specifications / Requirementsss:

Peptone water granulated anhydrous Merck/ Oxoid/ sigma or equivalent (Original manufacturer packing) with QR-code authentication or complete import document traceability Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL) (5 x 500 g)

Item: Phenol disinfectant,

UNSPSC: Allantoin/camphor/phenol

Specifications / Requirementsss:

Phenol disinfectant, with QR-code authentication or complete import document traceability Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: pH solution for Calibration

UNSPSC: Calibration sources

Specifications / Requirementsss:

pH solution for Calibration pH range: 4-7 and 9 Merck with QR-code authentication or equivalent import document Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Oxyl pro clean disinfectant for fogging

UNSPSC: Medical equipment and instrument disinfectant washing equipment

Specifications / Requirementsss:

Oxyl pro clean disinfectant for fogging: oxylpro UK or equivalent Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. Stabilized 35%H2O2, approved by EU with green sustainability certificate. Self-life: two year Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Sterile alcohol

UNSPSC: Acetone/alcohol

Specifications / Requirementsss:

Sterile alcohol 70% v/v with sterile spray bottles with bag-in-bottle technology. Original Company Packing Ready to use. Brand; AGMA-USA or equivalent Capacity: 900ml Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Prokleen Liquid Hand wash Capacity

UNSPSC: Aqueous cleaning and washing equipment

Specifications / Requirementsss:

Prokleen Liquid Hand wash Capacity: 500ml Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Biological Indicators

UNSPSC: Biological indicator test incubator

Specifications / Requirementsss:

Biological Indicators; (Single species) Sporodex. Steris corporation LOT#, 2759, Product Lot#. B90032, Biological indicators: Steris or equivalent (Ampule). Browne indicators 106, Geobacillus stearothermophilus and has a process chemical indicator on the label. ISO certification: 11138 with minimum 2-3 years Expiry Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Surgistain rust remover

UNSPSC: Rust remover

Specifications / Requirementsss:

Surgistain rust remover for lab equipment Ruhof-USA/ equivalent Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Sterile single pack spreader

UNSPSC: Sterile or aseptic processing or filling machines

Specifications / Requirementsss:

Sterile single pack spreader as per sample Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: 30 % Acryl/Bis, 29:1 cat/Lot:

UNSPSC: Industrial chemical equipment spare parts and accessories

Specifications / Requirementsss:

30 % Acryl/Bis, 29:1 cat/Lot: 1610156 Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: iProof High-Fidelity DNA Polymerase cat/Lot:

UNSPSC: Acetal polymer

Specifications / Requirementsss:

iProof High-Fidelity DNA Polymerase cat/Lot: 1725302 Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: iTaq DNA Polymerase cat/Lot:

UNSPSC: Acetal polymer

Specifications / Requirementsss:

iTaq DNA Polymerase cat/Lot: 1708875 Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted.

(QCL)

Item: MgCl2 Solution for PCR cat/Lot:

UNSPSC: Androgeny and fertility reagent or solution or stain

Specifications / Requirementsss:

MgCl2 Solution for PCR cat/Lot: 1708872 Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: dNTP Solution Mix cat/Lot:

UNSPSC: Androgeny and fertility reagent or solution or stain

Specifications / Requirementsss:

dNTP Solution Mix cat/Lot: 1708874 Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Rectified Spirit Providers

UNSPSC: Rectifiers

Specifications / Requirementsss:

Rectified Spirit Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: DNA Gel Loading Dye (6X) cat/Lot:

UNSPSC: Agarose gel making reagents

Specifications / Requirementsss:

DNA Gel Loading Dye (6X) cat/Lot: R0611 Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: PCR Tubes

UNSPSC: Polymerase chain reaction PCR tube strip and plate cooler

Specifications / Requirementsss:

PCR Tubes 0.2 ml Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Cooling racks Providers

UNSPSC: Domestic cooling racks

Specifications / Requirementsss:

Cooling racks Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: DNA Extraction kit

UNSPSC: Kits or enzymes for sequencing

Specifications / Requirementsss:

DNA Extraction kit (zymogen) cat/Lot: Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Water for Injection

UNSPSC: Sterile water for injection

Specifications / Requirementsss:

Water for Injection, Thermofischer or Merck, TOC should be <0.1ppm, with QR-code authentication completer import document traceability Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Conductivity Standards

UNSPSC: Conductivity cells

Specifications / Requirementsss:

Conductivity Standards should be of 1.5us/cm or less, HANNA or equivalent Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Merck pH standard buffers pH

UNSPSC: Buffer solutions

Specifications / Requirementsss:

Merck pH standard buffers pH 4,7, 9 or equivalent with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Endotoxin and pyrogen

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

UNSPSC: Endotoxin assay

Specifications / Requirementsss:

Endotoxin and pyrogen free sterile water (highest purity standards) Thermofischer scientific or eq. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: TEMED Providers

UNSPSC: Artemether

Specifications / Requirementsss:

TEMED Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Sodium citrate Merck

UNSPSC: Ammonium chloride/diphenhydramine/menthol/sodium citrate

Specifications / Requirementsss:

Sodium citrate Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: KmNo4 Merck with QR-code

UNSPSC: Industrial chemical equipment spare parts and accessories

Specifications / Requirementsss:

KmNo4 Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be

provided Repack material will not be accepted. (QCL)

Item: Sodium thiosulphate

UNSPSC: Amyl nitrite/sodium nitrite/sodium thiosulfate

Specifications / Requirementsss:

Sodium thiosulphate Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Sodium Nitrate

UNSPSC: Phenobarbital/sodium nitrite

Specifications / Requirementsss:

Sodium Nitrate Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Conductivity meter standards:

UNSPSC: Conductivity meters

Specifications / Requirementsss:

Conductivity meter standards: 0.5 ua/cm. 1us/cm, 2.5us/cm, 5us/cm Merck or equivalent with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Pipeline cleaning fluid

UNSPSC: Pipeline cleaning services

Specifications / Requirementsss:

Pipeline cleaning fluid (concentrated liquid for ELISA Machine) 150ml/bottle brand name BIOBASE Origin Chine Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Albumin estimation kit

UNSPSC: Albumin

Specifications / Requirementsss:

Albumin estimation kit by spectrophotometer or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Potassium Bromate Merck

UNSPSC: Potassium bromide

Specifications / Requirementsss:

Potassium Bromate Merck cat#104912 or eq. Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Potassium Bromide Merck cat

UNSPSC: Potassium bromide

Specifications / Requirementsss:

Potassium Bromide Merck cat # 104904 or eq Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted.

Item: Dimethyl sulfoxide (Sigma)

UNSPSC: Dimethyl sulfoxide

Specifications / Requirementsss:

Dimethyl sulfoxide (Sigma) for molecular biology (100ml) Lot No SHBK2703 with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted.

Item: Dulbecco’s PBS

UNSPSC: Androgeny and fertility reagent or solution or stain

Specifications / Requirementsss:

Dulbecco’s PBS (10X) solution 500 ml Lot No. 01201022, Company Caisson with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted.

Item: Gibco Trypsin EDTA

UNSPSC: Gib head key

Specifications / Requirementsss:

Gibco Trypsin EDTA (10X) 0.5% (100ml) Lot No. 2287366 with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted.

Item: Gibco DMEM (1X) 500ml Lot No 2813961

UNSPSC: Gib head key

Specifications / Requirementsss:

Gibco DMEM (1X) 500ml Lot No 2813961 with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted.

Item: Glycerol

UNSPSC: Glycerol

Specifications / Requirementsss:

Glycerol with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)

Item: Bleach (Sodium Hypoechoic)

UNSPSC: Bleaches

Specifications / Requirementsss:

Bleach (Sodium Hypoechoic) with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)

Item: Hydrogen peroxide H2O2

UNSPSC: Carbamide peroxide or hydrogen peroxide

Specifications / Requirementsss:

Hydrogen peroxide H2O2 with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)

Item: Quarterly ammonium compound QAC

UNSPSC: Quarterly reviews

Specifications / Requirementsss:

Quarterly ammonium compound QAC with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)

Item: Methylated spirit

UNSPSC: Methylatropine

Specifications / Requirementsss:

Methylated spirit with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)

Item: Fetal bovine serum (FBS)

UNSPSC: Acute care fetal or maternal monitoring unit accessories

Specifications / Requirementsss:

Fetal bovine serum (FBS), Gibco or equivalent with 75-80% expiry, with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)

Item: Hepes buffer,

UNSPSC: Acid buffers

Specifications / Requirementsss:

Hepes buffer, Sigma or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)

Item: 10x Minimum Essential Medium Eagle (MODIFIED)

UNSPSC: Diagnosis of essential or primary hypertension

Specifications / Requirementsss:

10x Minimum Essential Medium Eagle (MODIFIED) with EARLE'S Salts without sodium bicarbonate with L-Glutamine, MP Biomedicals or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)

Item: Penicillin streptomycin,

UNSPSC: Penicillin o

Specifications / Requirementsss:

Penicillin streptomycin, Sigma or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)

Item: Amphotericin B,

UNSPSC: Amphotericin b

Specifications / Requirementsss:

Amphotericin B, Sigma or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)

Item: Non-essential Amino Acids,

UNSPSC: Diagnosis of pre-existing essential hypertension complicating pregnancy, childbirth and the puerperium

Specifications / Requirementsss:

Non-essential Amino Acids, Sigma or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)

Item: Trypsin 0.25% EDTA 1x (100 ml bottle),

UNSPSC: Trypsin test system

Specifications / Requirementsss:

Trypsin 0.25% EDTA 1x (100 ml bottle), Gibco or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized

distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)

Item: Stacking Gel buffer,

UNSPSC: Chassis stacking components

Specifications / Requirementsss:

Stacking Gel buffer, 0.5 M Tris-HCL buffer, pH 6.8, Sigma, Merck or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Resolving Gel buffer,

UNSPSC: Agarose gel making reagents

Specifications / Requirementsss:

Resolving Gel buffer, 1.5 M Tris-HCL buffer, pH 8.8, Sigma, Merck or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)

Item: Ammonium persulfate

UNSPSC: Aminophylline/ammonium chloride/diphenhydramine

Specifications / Requirementsss:

Ammonium persulfate with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)

Item: Sodium dodecyl sulfate,

UNSPSC: Sodium sulfate

Specifications / Requirementsss:

Sodium dodecyl sulfate, Sigma, Merck or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted

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Item: Tris hydrochloride

UNSPSC: Tiropramide or tiropramide hydrochloride

Specifications / Requirementsss:

Tris hydrochloride, Sigma, Merck or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)

Item: Coommise Brilliant blue G 250,

UNSPSC: Automated coombs test systems

Specifications / Requirementsss:

Coommise Brilliant blue G 250, Sigma, Merck or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)

Item: Glycine, Sigma, Merck

UNSPSC: Glycine/niacin

Specifications / Requirementsss:

Glycine, Sigma, Merck or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)

Item: Glycerine, clear,

UNSPSC: Glycerine

Specifications / Requirementsss:

Glycerine, clear, odouless and viscous liquid, 99.5% pure, Sigma, Merck or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Acetic acid

UNSPSC: Acetic acid

Specifications / Requirementsss:

Acetic acid (glacial) 100%, anhydrous for analysis, Sigma, Merck or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)

Item: Methanol,

UNSPSC: Methanol

Specifications / Requirementsss:

Methanol, anhydrous for analysis, Sigma, Merck or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)

Item: Ethanol

UNSPSC: Ethanol

Specifications / Requirementsss:

Ethanol, anhydrous for analysis, Sigma, Merck or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Mercaptoethanol

UNSPSC: Ethanol

Specifications / Requirementsss:

2-Mercaptoethanol, for molecular biology, 99%, Sigma, Merck or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Bromophenol blue, Sigma,

UNSPSC: Allantoin/camphor/phenol

Specifications / Requirementsss:

Bromophenol blue, Sigma, Merck or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)

Item: Clinical laboratory reagent water (CLRW),

UNSPSC: Laboratory reactor

Specifications / Requirementsss:

Clinical laboratory reagent water (CLRW), with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)

Item: Aerobic Bacterial Strain: Staphylococcus aureus

UNSPSC: Aerobic capacity and endurance assessment of circulatory system - whole body

Specifications / Requirementsss:

Aerobic Bacterial Strain: Staphylococcus aureus Specifications: ATCC6538, CIP 4.83, NCTC 10788, NCIMB 9518, NBRC 13276: Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted (QCL)

Item: Aerobic Bacterial Strain: Bacillus subtills:

UNSPSC: Aerobic capacity and endurance assessment of circulatory system - whole body

Specifications / Requirementsss:

Aerobic Bacterial Strain: Bacillus subtills: Specifications: ATCC 6633, CIP 52.62 , NCIMB 8054, NBRC 3134, Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted (QCL)

Item: Aerobic Bacterial Strain : Pseudomonas aeruginosa

UNSPSC: Aerobic capacity and endurance assessment of circulatory system - whole body

Specifications / Requirementsss:

Aerobic Bacterial Strain : Pseudomonas aeruginosa Specifications: ATCC 9027, NCIMB 8626, CIP 82.118, NBRC 13275, Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted (QCL)

Item: Anaerobic Bacterial Strain: Clostridium sporogenes

UNSPSC: Anaerobic adhesive

Specifications / Requirementsss:

Anaerobic Bacterial Strain: Clostridium sporogenes Specifications: ATTC 19404, CIP 79.3, NCTC 532 or ATCC 11437, NBRC 14293 • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted (QCL)

Item: Fungal Strain: Candida albicans

UNSPSC: Fungal disease prevention or control services

Specifications / Requirementsss:

Fungal Strain: Candida albicans Specifications: ATCC 10231, IP 48.72, NCPF 3179, NBRC 1594 • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted (QCL)

Item: Fungal Strain: Aspergillus brasiliensis (mold)

UNSPSC: Fungal disease prevention or control services

Specifications / Requirementsss:

Fungal Strain: Aspergillus brasiliensis (mold) Specifications: ATCC 16404. IP 1431.83, IMI 149007, NBRC 9455 • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted. (QCL)

Item: Product Name: Diphtheria Toxoid (Adsorbed) (4th International Standard)

UNSPSC: Diphtheria toxoid/pertussis vaccine/tetanus toxoid

Specifications / Requirementsss:

Product Name: Diphtheria Toxoid (Adsorbed) (4th International Standard) Specifications: • NIBSC Product Code: 07/216 or equivalent • Assigned Potency: 213 International Units (IU) per ampoule • Primary Application: Primary standard for potency assays of adsorbed diphtheria vaccine or calibration of secondary reference materials • Physical Appearance: Freeze-dried powder / Lyophilized residue • Container Type: DIN ampoule with an "easy-open" colored stress point • Net Weight: 0.031 grams per ampoule • Chemical/Antigenic Composition: Approximately 100 Lf of purified diphtheria toxoid, 0.75 mg aluminium phosphate, and 17.5 mg Polygeline (stabilizer) per ampoule • Regulatory Status: Adopted by the WHO Expert Committee on Biological Standardization (ECBS) in October 2009 • Recommended Storage Temp: Store unopened at -20°C (stable at ambient temperature during short-term shipping) • Reconstitution Volume: 1.0 mL of sterile water or 0.9% NaCl (re-suspend complete contents; do not weigh fractions) • Post-Reconstitution Handling: Use on the same day as soon as possible; DO NOT FREEZE after reconstitution • Toxicity/Hazard Status: Non-toxic, non-corrosive, non-oxidizing, non-flammable; handle as a potentially hazardous biological substance • Certificate of Analysis (COA) with QR code authentication or complete import document irascibilities and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted. (QCL)

Item: Product Name: Diphtheria Challenge Toxin (Working Standard / Challenge Material)

UNSPSC: Diphtheria toxoid/pertussis vaccine/tetanus toxoid

Specifications / Requirementsss:

Product Name: Diphtheria Challenge Toxin (Working Standard / Challenge Material) Specification: • NIBSC Product Reference: Code 12/282 or equivalent • Physical Appearance: Clear, yellowish liquid • Assigned Unitage/Strength: 1 Lf/mL nominal content (calibrated to a specific test dilution of approximately (~2000 LD50 /mL) for in vivo lethal challenge assays) • Primary Application: Used as a challenge toxin in animal potency tests (lethal challenge or intradermal tests) for diphtheria vaccines, and as a positive control in cell-based toxicity assays • Chemical/Buffer Composition: Diphtheria toxin in 0.75% peptone buffer (or sterile phosphate buffered saline) • Specific Toxicity: Approximately 80,000 Lr/Lf (minimum cytotoxic dose in Vero cells is ~4 µ Lf/mL) • Container Type: DIN glass ampoule with an easy-open colored stress point • Net Weight / Volume: 1.0 mL liquid per ampoule • Regulatory/Testing Alignment: Prepared and calibrated in accordance with WHO Technical Report Series guidelines and European Pharmacopoeia (Ph. Eur.) specifications for vaccine potency testing • Recommended Storage Temp: Store unopened at +4°C (Do NOT freeze the liquid toxin) • Post-Reconstitution / Dilution Handling: Must be diluted to the target working concentration (~2000 LD50 /mL) using sterile saline or specified diluent; use on the day of opening and discard any unused portion • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted.

Item: Tetanus Toxoid Adsorbed (4th International Standard)

UNSPSC: Diphtheria and tetanus toxoids absorbed

Specifications / Requirementsss:

Product Name: Tetanus Toxoid Adsorbed (4th International Standard) Specification: • NIBSC Product Code: 08/218 or equivalent • Assigned Potency (Guinea Pig Assay): 490 International Units (IU) per ampoule • Assigned Potency (Mouse Assay): 260 International Units (IU) per ampoule • Primary Intended Use: Primary biological standard for the calibration of secondary/in-house reference materials and for vaccine potency challenge assays • Physical Formulation: Freeze-dried (lyophilized) powder, formulated 1:1 with polygeline stabilizer • Container Design: DIN glass ampoule featuring an easy-open colored stress point • Fill Volume/Content: 1.0 mL liquid equivalent per ampoule before freeze-drying • Regulatory Endorsement: Formulated and approved under WHO Expert Committee on Biological Standardization (ECBS) guidelines • Shipping & Storage Requirements: Shipped under temperature-controlled conditions; must be stored in the dark at -20°C upon arrival • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted. (QCL)

Item: Product Name: Tetanus Challenge Toxin (Working Standard / Challenge Material)

UNSPSC: Diphtheria and tetanus toxoids absorbed

Specifications / Requirementsss:

Product Name: Tetanus Challenge Toxin (Working Standard / Challenge Material) • NIBSC Product Reference: Code 14/152 or equivalent • Physical Appearance: Lyophilized white powder / freeze-dried residue or clear liquid format • Assigned Unitage/Strength: Calibrated to a specific working dilution of approximately (~2000 LD50 /mL) for in vivo toxin neutralization / lethal challenge assays • Primary Application: Used as the official challenge material in animal potency tests (lethal challenge or paralytic endpoint models) for adsorbed tetanus vaccines, and for the calibration of antitoxins • Chemical/Buffer Composition: Purified tetanus toxin stabilized in 1.0% peptone buffer or a phosphate-buffered saline (PBS) matrix containing an appropriate stabilizer (e.g., trehalose or glycine) • Container Type: DIN glass ampoule with an easy-open colored stress point to ensure hermetic sealing and long-term stability • Fill Volume/Net Weight: 1.0 mL liquid volume equivalent per ampoule before freeze-drying • Regulatory/Testing Compliance: Prepared and validated according to the World Health Organization (WHO) Technical Report Series guidelines and European Pharmacopoeia (Ph. Eur.) standards for vaccine batch release • Recommended Storage Temp: Store unopened at -20°C (lyophilized form) or +4°C (liquid form) depending on the exact lot variant; protect strictly from light • Post-Reconstitution / Dilution Handling: Completely resuspend the ampoule contents in a validated diluent (e.g., 0.9% NaCl with peptone stabilizer). Dilute to the target working concentration (~2000 LD50 /mL) on the day of testing and discard any residual solution • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted. (QCL)

Item: Pertussis Vaccine (Whole Cell)

UNSPSC: Pertussis vaccine

Specifications / Requirementsss:

Product Name: Pertussis Vaccine (Whole Cell) (4th International Standard) for Whole Cell Pertussis Vaccine (wP) • NIBSC Product Code: 94/532 or equivalent • Assigned Potency: 40 International Units (IU) per ampoule • Primary Application: Standard for the Kendrick mouse intracerebral challenge assay (potency testing) of whole-cell pertussis vaccines • Physical State: Freeze-dried (lyophilized) powder • Composition: Lyophilized residue of 1.0 mL bacterial suspension in phosphate-buffered saline, stabilized with 8% dextran and 5% glucose (equivalent to 150 International Opacity Units prior to freeze-drying) • Container Type: DIN glass ampoule with an easy-open colored stress point • Regulatory Status: Formally endorsed by the WHO Expert Committee on Biological Standardization (ECBS) • Storage & Shipping: Shipped under temperature-controlled conditions; must be stored long-

term at -20°C • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted. (QCL)

Item: International Reference Preparation for Opacity (5th IRP)

UNSPSC: Opacity or dust or visibility sensors

Specifications / Requirementsss:

Product Name: International Reference Preparation for Opacity (5th IRP) Specifications: • NIBSC Product Code: 76/522 or equivalent • Assigned Unitage/Value: 10 International Units (IU) of opacity per milliliter equivalent • Primary Application: Standard for direct visual estimation and comparison of the density/opacity of bacterial suspensions (such as whole-cell pertussis or typhoid vaccines) • Physical Format: Solid, durable plastic rod designed to simulate the optical scattering properties of a standard bacterial suspension • Packaging / Components Included: One (1) calibrated plastic rod housed inside a Pyrex glass test tube, supplied alongside two (2) empty, matched companion Pyrex tubes of identical internal diameters for test sample comparison • Methodology Constraint: Intended exclusively for visual comparison by eye; not suitable for automated densitometers or nephelometers (which yield anomalous readings with solid plastic matrices) • Regulatory Endorsement: Defined and officially established by the World Health Organization (WHO) Expert Committee on Biological Standardization (ECBS) • Storage Conditions: Store at controlled room temperature (20°C to 25°C); environmental storage temperatures do not impact the physical stability or opacity calibration of the solid rod • Hazard / Biosafety Status: Non-toxic, non-hazardous, non-flammable, and entirely chemically stable; requires no special containment or biohazard handling procedures • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted (QCL)

Item: Lyophilized Bordetella pertussis 18323 (NIBSC Code 23/150) or Equivalent

UNSPSC: Freeze dryer or lyophilizer accessories

Specifications / Requirementsss:

Name of Product: Lyophilized Bordetella pertussis 18323 (NIBSC Code 23/150) or Equivalent Specifications: • Code: 23/150 (NIBSC) • Dosage Form: Lyophilized (freeze-dried) powder • Nature: Heat-killed whole bacterial cells • Method of Inactivation: 56°C for 30 minutes • Appearance: White/off-white freeze-dried powder • Concentration after Reconstitution: 25 IOU/mL • Reconstitution: Add 1 mL PBS (pH 7.2) • Purity: No growth on general growth media or Bordetella-specific media • Infectivity: Non-infectious • Pathogenicity: Non-

pathogenic • Additives: Casamino acids (10 g/L, bovine origin) • Storage (Lyophilized): 2–8°C • Storage (Reconstituted): 4°C • Intended Use: Pertussis Serological Potency Test (PSPT) coating antigen • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted. (QCL)

Item: 2% Glutaraldehyde Solution: Sigma or equivalent.

UNSPSC: Glutaraldehyde

Specifications / Requirementsss:

Name of Product: 2% Glutaraldehyde Solution: Sigma or equivalent. Specifications: • Name: Glutaraldehyde Solution • Concentration: 2.0% w/v • Appearance: Clear, colorless to pale yellow liquid • pH: 7.0–8.5 (activated solution) • Solubility: Miscible with water • Microbiological Activity: Sporicidal, bactericidal, fungicidal and virucidal • Storage: 15–30°C, protected from light • Intended Use: High-level disinfection of medical equipment • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted. (QCL)

Item: 70% Isopropyl Alcohol (IPA): Sigma or equivalent

UNSPSC: Acetone/isopropyl alcohol/polysorbate 80

Specifications / Requirementsss:

Name of Product: 70% Isopropyl Alcohol (IPA): Sigma or equivalent Specifications: • Name: Isopropyl Alcohol Solution • Concentration: 70% v/v • Appearance: Clear, colorless liquid • Odor: Characteristic alcoholic odor • Specific Gravity: 0.86–0.89 • Microbiological Activity: Bactericidal, fungicidal and virucidal • Storage: Below 30°C, tightly closed • Intended Use: Surface and equipment disinfection Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted. (QCL)

Item: 70% Ethyl Alcohol Sigma or equivalent.

UNSPSC: Ethyl alcohol antiseptic

Specifications / Requirementsss:

Name of Product: 70% Ethyl Alcohol Sigma or equivalent. Specifications: • Name: Ethanol Solution • Concentration: 70% v/v • Appearance: Clear, colorless liquid • Odor: Characteristic alcoholic odor • Specific Gravity: 0.86–0.89 • Microbiological Activity: Bactericidal, fungicidal and virucidal • Storage: Below 30°C, tightly closed • Intended Use: Surface and personnel sanitization • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted. (QCL)

Item: 0.5% Sodium Hypochlorite Solution : Sigma or equivalent

UNSPSC: Sodium hypochlorite

Specifications / Requirementsss:

Name of Product: 0.5% Sodium Hypochlorite Solution : Sigma or equivalent Specifications: • Name: Sodium Hypochlorite Solution • Concentration: 0.5% w/v Available Chlorine • Appearance: Clear, pale yellow liquid • Odor: Characteristic chlorine odor • pH: 10–13 • Microbiological Activity: Sporicidal, bactericidal, fungicidal and virucidal • Storage: 15–30°C, protected from sunlight • Intended Use: Environmental and biohazard spill disinfection • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted (QCL)

Item: Quaternary Ammonium Compound (QAC) Solution Benzalkinium chloride: Sigma or equivalent

UNSPSC: Aminophylline/ammonium chloride/diphenhydramine

Specifications / Requirementsss:

Name of Product: Quaternary Ammonium Compound (QAC) Solution Benzalkinium chloride: Sigma or equivalent Specifications: • Name: Quaternary Ammonium Compound Disinfectant • Active Ingredient: Benzalkonium Chloride or equivalent QAC • Concentration: As per manufacturer (commonly 0.1–0.2%) • Appearance: Clear, colorless to pale yellow liquid • pH: 6.0–10.0 • Microbiological Activity: Bactericidal and fungicidal • Storage: 15–30°C • Intended Use: Routine surface disinfection • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted. (QCL)

Item: Peptone Water

UNSPSC: Water distribution tap stand

Specifications / Requirementsss:

Name of Product: 1% Peptone Water: Sigma or equivalent Specifications: • Concentration: 1.0% w/v Peptone • Composition: Peptone 10 g/L in purified water • Appearance: Clear, light yellow solution • pH: 7.2 ± 0.2 (at 25°C) • Sterility: Sterile, free from microbial contamination • Growth Promotion: Supports growth of non-fastidious microorganisms • Storage: 2–8°C (or as validated by laboratory SOP) • Intended Use: Diluent, enrichment medium, and preparation of microbial suspensions • Microbiological Quality: No visible contamination or turbidity before use • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted (QCL)

Item: Haemophilus influenzae type b (Hib) Polysaccharide Polyribosyl Ribitol Phosphate (PRP)

UNSPSC: Diagnosis of acute bronchitis due to haemophilus influenzae

Specifications / Requirementsss:

Name of Product: Haemophilus influenzae type b (Hib) Polysaccharide Polyribosyl Ribitol Phosphate (PRP) Specifications: • WHO Status: 2nd WHO International Standard NIBSC Code: 12/306 or equivalent • Form: Lyophilized (freeze-dried) powder • Assigned Content: 4.904 ± 0.185 mg PRP per ampoule • Source Material: Hib capsular polysaccharide (PRP) • Appearance: White to off-white lyophilized powder • Moisture Content: Approximately 1.45% • Contents per Ampoule: Freeze-dried PRP in sodium chloride matrix • Intended Use: Calibration and standardization of PRP quantification assays for Hib conjugate vaccines • Applicable Assays: Ribose assay, Phosphorus assay, and HPAEC-PAD assay • Storage Condition: Store at or below –20°C • Container: Sealed glass ampoule • Compliance: WHO International Biological Reference Standard for vaccine quality control and assay calibration Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted. (QCL)

Item: WHO International Reference Reagent for Diphtheria Antitoxin for use in Flocculation Test (Equine)

UNSPSC: Diphtheria and tetanus toxoids absorbed

Specifications / Requirementsss:

Name of Product: WHO International Reference Reagent for Diphtheria Antitoxin for use in Flocculation Test (Equine) Specifications: NIBSC Code: 23/102 or equivalent Technical Specifications (Procurement Purpose) • WHO International Reference Reagent (IRR) for Diphtheria Antitoxin (Equine). • Intended for in vitro Ramon Flocculation (Lf) Test for determination/calibration of diphtheria toxoid antigen content. • Supplied as a freeze-dried (lyophilized) preparation of hyperimmune horse diphtheria antitoxin. • Each ampoule contains the freeze-dried residue of 1.0 mL equine antitoxin preparation. • Produced from horses repeatedly immunized with diphtheria toxoid/toxin followed by $F(ab')_2$ purification. • Material is intended as a reference reagent and not as a calibrant. • No assigned Lf unitage; reagent must be pre-calibrated in-house against WHO International Standard Diphtheria Toxoid for Flocculation Test (NIBSC 13/212). • Nominal diphtheria antitoxin content approximately 1032 IU per ampoule (informational value). • Suitable for quality control and standardization of diphtheria toxoid flocculation assays in vaccine manufacturing and testing laboratories. • Ampoules supplied under WHO/NIBSC reference standard programme. • Recommended storage: −20°C, protected from light. • Material is for laboratory use only and not for administration to humans or animals. • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company (QCL)

Item: WHO International Reference Reagent – Tetanus Antitoxin Equine for use in Flocculation Test

UNSPSC: Diptheria and tetanus and wholecell pertussis vaccine

Specifications / Requirementsss:

WHO International Reference Reagent – Tetanus Antitoxin Equine for use in Flocculation Test Specifications: NIBSC Code: 21/230 or equivalent Technical Specifications (Procurement Purpose) • WHO International Reference Reagent (IRR) for Tetanus Antitoxin Equine for use in Flocculation (Lf) Test. • Intended for in vitro Ramon Flocculation (Lf) assay for determination and standardization of tetanus toxoid antigen content. • Supplied as a lyophilized (freeze-dried) preparation of hyperimmune horse tetanus antitoxin. • Produced by repeated immunization of horses with tetanus toxoid/toxin followed by $F(ab')_2$ purification. • Each ampoule contains the freeze-dried residue of 1.0 mL equine tetanus antitoxin. • Intended for use as a reference reagent and not as a calibrant. • No assigned Lf unitage; reagent must be pre-calibrated in-house against WHO International Standard Tetanus Toxoid for use in Flocculation Test (NIBSC 16/302). • Nominal potency approximately 1400 International Units (IU) per ampoule for preparation of assay dilutions. • Suitable for quality control, standardization and calibration of tetanus toxoid flocculation assays in vaccine manufacturing and control laboratories. • Ampoules manufactured and distributed under the WHO/NIBSC Biological Reference Materials Programme. • Recommended storage condition: −20°C, protected from light. • Material is for laboratory use only and is not intended for administration to humans or animals. • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized

distributor of the product company (QCL)

Item: Isopropyl alcoho

UNSPSC: Acetone/isopropyl alcohol/polysorbate 80

Specifications / Requirementsss:

Isopropyl alcohol, Merck or equivalent with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Osmolality Standards

UNSPSC: Diagnosis of hyperosmolality and hypernatraemia

Specifications / Requirementsss:

Osmolality Standards (50 , 100, 200, 300, 500 mOsmol/kg) with certificate for Osmotouch1 Instrument with Coolent solution equivalent. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Conductivity standard

UNSPSC: Conductivity cells

Specifications / Requirementsss:

Conductivity standard (0.5 , 1.0 , 1.5, 2.0, 5.0, 10 us/cm) with certificate or equivalent with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Water HPLC grade

UNSPSC: Water distribution tap stand

Specifications / Requirementsss:

Water HPLC grade, Merck equivalent with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Aluminum reference standard

UNSPSC: Acetaminophen/aluminum acetate/chlorpheniramine/phenylpropanolam

Specifications / Requirementsss:

Aluminum reference standard Merck or equivalent with certificates. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: pH standard buffers

UNSPSC: Other buffers

Specifications / Requirementsss:

pH standard buffers (pH 4, 7, 10) Merck / sigma with certifications QR-code authentication complete import document traceability Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: TDS Standard solutions

UNSPSC: Buffer solutions

Specifications / Requirementsss:

TDS Standard solutions (0.1, 0.5, 1 ,1.5 , 2 ppm) with QR-code authentication Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Water for Injection,

UNSPSC: Sterile water for injection

Specifications / Requirementsss:

Water for Injection, Thermofischer or Merck, TOC should be <0.1ppm with QR-code authentication completer import document traceability Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Total Protein estimation kit

UNSPSC: Protein testing kits or supplies

Specifications / Requirementsss:

Total Protein estimation kit Biuret reagent with standard, calibrators, certificates, SOP etc in mg/dl and gram /dl or equivalent for manual spectrophotometry analysis. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Albumin estimation kit

UNSPSC: Albumin

Specifications / Requirementsss:

Albumin estimation kit in plasma or serum with standard, calibrators, certificates, controls, SOP etc in mg/dl and gram /dl or equivalent for manual spectrophotometry analysis. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Globulin estimation kit

UNSPSC: Alpha-2-macroglobulin immunological test system

Specifications / Requirementsss:

Globulin estimation kit in plasma or serum with standard, calibrators, certificates, controls, SOP etc in mg/dl and gram /dl or equivalent for manual spectrophotometry analysis. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Free Formaldehyde reference standard

UNSPSC: Formaldehydes

Specifications / Requirementsss:

Free Formaldehyde reference standard Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Thiomersal Reference standard Merck

UNSPSC: Thimerosal or thiomersal

Specifications / Requirementsss:

Thiomersal Reference standard Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Methanol Gradient grade Merck

UNSPSC: Methanol

Specifications / Requirementsss:

Methanol Gradient grade Merck or equivalent with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Kits for gas estimation (CO2 , NO2) in steam

UNSPSC: Protein chemifluorescent detection reagents or kits or substrates

Specifications / Requirementsss:

Kits for gas estimation (CO2 , NO2) in steam. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Sodium Hydroxide Merck

UNSPSC: Sodium hydroxide

Specifications / Requirementsss:

Sodium Hydroxide Merck or equivalent Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Sodium Hypochlorite Merck

UNSPSC: Sodium hypochlorite

Specifications / Requirementsss:

Sodium Hypochlorite Merck or eq. Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Hydrogen peroxide Merck

UNSPSC: Carbamide peroxide or hydrogen peroxide

Specifications / Requirementsss:

Hydrogen peroxide Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Hydrochloric acid Merck

UNSPSC: Hydrochloric acid

Specifications / Requirementsss:

Hydrochloric acid Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Calcium carbonate Merck

UNSPSC: Acetaminophen/calcium carbonate

Specifications / Requirementsss:

Calcium carbonate Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: 0.05 M EDTA solution

UNSPSC: Benzalkonium chloride/edta

Specifications / Requirementsss:

0.05 M EDTA solution Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Hydroxy Napthol blue Merck

UNSPSC: 17-hydroxycorticosteroids (17-ketogenic steroids) test system

Specifications / Requirementsss:

Hydroxy Napthol blue Merck or eq. Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Sodium chloride

UNSPSC: Aminophylline/sodium chloride

Specifications / Requirementsss:

Sodium chloride Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Eriochrome Black T

UNSPSC: Carbazochrome

Specifications / Requirementsss:

Eriochrome Black T or equivalent with or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Ammonia solution Merck

UNSPSC: Ammonia

Specifications / Requirementsss:

Ammonia solution Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: EDTA Merck

UNSPSC: Benzalkonium chloride/edta

Specifications / Requirementsss:

EDTA Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Ammonium chloride

UNSPSC: Aminophylline/ammonium chloride/diphenhydramine

Specifications / Requirementsss:

Ammonium chloride Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Dithizone solution.

UNSPSC: Anthralin or dithranol

Specifications / Requirementsss:

Dithizone solution. Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Ammonium Acetate

UNSPSC: Aminophylline/ammonium chloride/diphenhydramine

Specifications / Requirementsss:

Ammonium Acetate Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Sulphuric Acid

UNSPSC: Sulphuric acid

Specifications / Requirementsss:

Sulphuric Acid Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Glacial Acetic Acid

UNSPSC: Acetic acid

Specifications / Requirementsss:

Glacial Acetic Acid. Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Nitric Acid Merck

UNSPSC: The diagnosis of toxic effect of nitroglycerin and nitric acids and esters

Specifications / Requirementsss:

Nitric Acid Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Sodium Acetate

UNSPSC: Sodium acetate

Specifications / Requirementsss:

Sodium Acetate Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: PAN Pyridylazonaphtol.Merck

UNSPSC: Nicotinyl alcohol or pyridylcarbinol

Specifications / Requirementsss:

PAN Pyridylazonaphtol.Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Ethanol Merck

UNSPSC: Ethanol

Specifications / Requirementsss:

Ethanol Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Copper Sulphate

UNSPSC: Copper sulfate

Specifications / Requirementsss:

Copper Sulphate Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Acetone

UNSPSC: Acetone or alcohol based antiseptics

Specifications / Requirementsss:

Acetone. Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Chloroform

UNSPSC: Chloroform

Specifications / Requirementsss:

Chloroform Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Aluminum phosphate / Aluminum hydroxide

UNSPSC: Acetaminophen/aluminum hydroxide/aspirin/caffeine/magnesium hydr

Specifications / Requirementsss:

Aluminum phosphate / Aluminum hydroxide Merck or sigma QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Disodium edentate

UNSPSC: Edetate disodium

Specifications / Requirementsss:

Disodium edentate Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: Dulbecco’s DMEM (1x) Solution,

UNSPSC: Impoundment or storage of water services

Specifications / Requirementsss:

Dulbecco’s DMEM (1x) Solution, 500 ml bottle with 75-80% expiry, Sigma, Merck or equivalent (QCL)

Item: Dulbecco’s Phosphate

UNSPSC: Dimemorfan phosphate

Specifications / Requirementsss:

Dulbecco’s Phosphate buffer saline 1x, Gibco or equivalent, with 75-80% expiry (QCL)

Item: Anti polio virus serum Type 1 (Neutralizing antiserum)

UNSPSC: Poliovirus vaccine

Specifications / Requirementsss:

Anti polio virus serum Type 1 (Neutralizing antiserum) Technical spec Sterile liquid formulation Monospecific against poliovirus type 1 High neutralizing antibody titer Suitable for virus neutralizing assays Sterility tested Endotoxin controlled Storage: -200C or below Shelf life: minimum 12 months upon receipt Lot-specific neutralization titer provided With 75-80% expiry, QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company. COA and MSDS must be provided. Repack material will not be accepted. (QCL)

Item: Anti polio virus serum Type 3 (Neutralizing antiserum)

UNSPSC: Poliovirus vaccine

Specifications / Requirementsss:

Anti polio virus serum Type 3 (Neutralizing antiserum) Technical spec Sterile liquid formulation specific against poliovirus type 3 No cross neutralization of Type 1 and Type 2 High neutralizing antibody titer Suitable for virus neutralizing assays Sterility tested Endotoxin controlled Storage: -200C or below Shelf life: minimum 12 months upon receipt Lot-specific neutralization titer provided With 75-80% expiry, QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company. COA and MSDS must be provided. Repack material will not be accepted. (QCL)

Item: Trypsin-Versene Solution

UNSPSC: Trypsin test system

Specifications / Requirementsss:

Trypsin-Versene Solution (0.25% trypsin + 0.02% EDTA), Sigma or equivalent with 75-80% expiry, Storage: 2-80C, QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company. COA and MSDS must be provided. Repack material will not be accepted. (QCL)

Item: Evans blue dye

UNSPSC: Acid dye

Specifications / Requirementsss:

Evans blue dye, ≥ 75%, sigma, merck or equivalent (QCL)

Item: Sodium Hypochlorite Solution,

UNSPSC: Sodium hypochlorite

Specifications / Requirementsss:

Sodium Hypochlorite Solution, Sigma or equivalent with 75-80% expiry, QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company. COA and MSDS must be provided. Repack material will not be accepted. (QCL)

Item: Anti polio virus serum Mix (Type 1+Type 3)

UNSPSC: Poliovirus vaccine

Specifications / Requirementsss:

Anti polio virus serum Mix (Type 1+Type 3) Technical spec Sterile mixture of Type 1 and type 3 antisera Neutralizes poliovirus type 1 and type 3 simultaneously Cell culture grade Suitable for identification of bOPV strains Sterility tested Endotoxin controlled Storage: -200C or below Shelf life: minimum 12 months upon receipt Lot-specific neutralization titer provided WHO/NIBSC reference material preferred With 75-80% expiry, QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company. COA and MSDS must be provided. Repack material will not be accepted. (QCL)

Item: Anti polio virus serum Mix (Type 1+2+3)

UNSPSC: Poliovirus vaccine

Specifications / Requirementsss:

Anti polio virus serum Mix (Type 1+2+3) Technical spec Trivalent Poliovirus Antiserum Contains Neutralizing Antibodies against all three Sabin poliovirus serotypes Suitable for complete virus neutralization during OPV potency testing Sterile Storage: -200C or below Shelf life: minimum 12 months upon receipt Lot-specific neutralization titer provided ith 75-80% expiry, QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company. COA and MSDS must be provided. Repack material will not be accepted. (QCL)

Item: HBsAg ELISA Kit

UNSPSC: Kits or enzymes for sequencing

Specifications / Requirementsss:

HBsAg ELISA Kit (Wantai Biopharm or equivalent) 1.1 Scope of Supply Supplier shall provide HBsAg Quantitative ELISA Kit for in vitro relative potency testing of Hepatitis B vaccine. Kit must be validated for parallel-line assay vs WHO reference standard. Compatible with Crocodile 5-in-one ELISA Mini Workstation or equivalent 96-well reader. 1.2 Regulatory Compliance Must comply with WHO TRS 926 Annex 2: Guidelines for in vitro potency assays of Hepatitis B vaccines. Reference standard traceable to WHO NIBSC 00/588 or 12/226. Kit CoA + stability data required. GMP compliant, CE/ISO 13485. 1.3 Assay Technology / Method Sandwich ELISA with 4-parameter logistic curve. Principle: Sample + Reference HBsAg compete/bind to monoclonal capture Ab. HRP-TMB detection. OD measured at 450nm/630nm. Paste your method details here: e.g. coating Ab, incubation 2h @37°C, wash 4x, substrate 15min @RT, stop 1N H2SO4 1.4 Technical Specifications Assay Type: Quantitative sandwich ELISA for HBsAg Measurand: Relative potency IU/dose vs WHO reference Working Range: 0.1 – 10 IU/mL after sample dilution Sensitivity: LOD ≤0.05 IU/mL Precision: Intra-plate CV ≤10%, Inter-plate CV ≤15% Accuracy: 80-125% recovery of spiked HBsAg Linearity/Parallelism: Slope ratio sample/ref = 0.8 to 1.25 Specificity: No interference from Al(OH)3 adjuvant, thimerosal Controls: Kit controls + external controls listed below Plate Format: 96-well, breakable strips, pre-coated 1.5 Controls Required Positive Control: Provided in kit + WHO International Standard HBsAg ad/ay, NIBSC 00/588. Use as 100% potency reference. Run 6-point curve. Negative Control: Kit negative serum + Vaccine matrix blank/placebo without HBsAg. Checks non-specific binding from adjuvant. In-house Reference: Qualified vaccine bulk lot assigned potency vs WHO standard. Used as system suitability control each run. 1.6 Performance Requirements Assay must meet USP <1033> Biological Assay Validation. Acceptance: %GCV of ED50 ≤20%, regression p<0.05, non-linearity p>0.05. Result expressed as IU/dose with 95% confidence limits. 1.7 Validation & Qualifications Supplier provides: Kit validation report per ICH Q2(R1), CoA, stability. User/Lab performs: Method transfer IQ/OQ/PQ on Crocodile reader + kit qualification with 3 runs using WHO standard. 1.8 Accessories Wash buffer 20x, sample diluent, TMB substrate, stop solution, plate sealer, 6-point calibrator set. 1.9 Warranty & Supplier Terms Shelf life: 12 months @2-8°C from mfg date. Cold chain delivery to Islamabad. Technical support for method transfer included. Replacement for damaged kits. With 75-80% expiry, QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company. COA and MSDS must be provided. Repack material will not be accepted. (QCL)

Item: Bovine Serum Albumin (BSA)

UNSPSC: Antirabic bovine vaccine

Specifications / Requirementsss:

Bovine Serum Albumin (BSA), sigma, Merck or equivalent with 75-80% expiry, QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company. COA and MSDS must be provided. Repack material will not be accepted. (QCL)

Item: Di-ethanolamine (DEA

UNSPSC: Diethanolamine

Specifications / Requirementsss:

Di-ethanolamine (DEA), Gibco or equivalent with 75-80% expiry, QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company. COA and MSDS must be provided. Repack material will not be accepted. (QCL)

Item: Triton X-100, S

UNSPSC: Hypostamine or tritoqualine

Specifications / Requirementsss:

Triton X-100, Sigma or equivalent with 75-80% expiry, QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company. COA and MSDS must be provided. Repack material will not be accepted. (QCL)

Item: Potassium Di-hydrogen phosphate

UNSPSC: Phenyltoloxamine dihydrogen citrate

Specifications / Requirementsss:

Potassium Di-hydrogen phosphate, Sigma or equivalent with 75-80% expiry, QR-code authentication or complete import document traceability. Providers must be the authorized

distributor of the product company. COA and MSDS must be provided. Repack material will not be accepted. (QCL)

Item: Di-potassium hydrogen phosphate,

UNSPSC: Clorazepate dipotassium

Specifications / Requirementsss:

Di-potassium hydrogen phosphate, Sigma or equivalent with 75-80% expiry, QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company. COA and MSDS must be provided. Repack material will not be accepted. (QCL)

Item: Spordex strips:

UNSPSC: Binding combs or strips

Specifications / Requirementsss:

Spordex strips: Biological Indicators (BI) for validation of Dry heat sterilizers. Species: Bacillus atrophaeus single species E6 Mean population recovery: 1.0 x106 to 5.0 x 106 cfu/strips. Long expiry. Bacillus atrophaeus (formerly Bacillus subtilis var.niger,ATCC 9372 or NRRL B-4418 100/PkgProcess Indicator Type: spore strips Product Type: Chemical Indicator Spore Strip Length: 4"Strip Packaging Location: Internal Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)

Item: LAL kit (Gel clot method):

UNSPSC: Kits or enzymes for sequencing

Specifications / Requirementsss:

LAL kit (Gel clot method): Lysate reagent sensitivity: (0.25 EU/ML) WAKO/Cape Cod/Lonza/ all materials should be of same manufacturer to avoid incompatibility and interference. (QCL)

Item: Control Standard Endotoxin (CSE)

UNSPSC: Endotoxin assay

Specifications / Requirementsss:

Control Standard Endotoxin (CSE) wako/capecod/lonza 0.5 ug/vial (QCL)

Item: Pyrogen free test tubes

UNSPSC: Veterinary pyrogenic tester

Specifications / Requirementsss:

Pyrogen free test tubes WAKO/Cape Cod/Lonza all materials should be of same manufacturer to avoid incompatibility and interference. (QCL)

Item: LAL reagent water (LRW):

UNSPSC: Acetic acid, alcohol, and toluidine blue combination reagents

Specifications / Requirementsss:

LAL reagent water (LRW): WAKO/Cape Cod/Lonza all materials should be of same manufacturer to avoid incompatibility and interference (QCL)

Item: Control Standard Endotoxin For DHS (Oven Validation),

UNSPSC: Endotoxin assay

Specifications / Requirementsss:

Control Standard Endotoxin For DHS (Oven Validation), purified extract of E. coli O113:H10 Volume: 125ug/vial: Storage life: 12 weeks after reconstitution: Shelf life: 3 years cape

cod/wako/lonza or equivalent (QCL)

Item: ELISA kit for immunoglobin (G) IgG CAT: UCEAS44Eq

UNSPSC: Kits or reagents for capillary electrophoresis

Specifications / Requirementsss:

ELISA kit for immunoglobin (G) IgG CAT: UCEAS44Eq

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Price Schedule

For Individual Items

#	Item Title	Quantity	Unit Price (PKR)	Total Price (PKR)	Delivery Location	Delivery Period / Year	Country of Origin
1							
2							

For Lots

#	Lot Title	Total Lot Price (PKR)	Country of Origin
1	[Lot 1 Title]		

PUBLIC PROCUREMENT REGULATORY AUTHORITY
(PPRA)
EPADS

General Conditions of Contract

A. General

1. Definitions

1.1 Unless the context otherwise requires, the following terms whenever used in this Contract shall have the same meaning and shall be interpreted as indicated

a. “Applicable Law” means the laws and any other instruments having the force of law in the Government’s Country, or in such other country as may be specified in the Special Conditions of the Contract (SC), as they may be issued and in force from time to time;

b. “Procuring Agency” means:-

a. any Ministry, Division, Department or any Office of the Government;

b. any authority, corporation, body or organization established by or under a Law or which is owned or controlled by the Government;.

c. “The Contract” means an agreement enforceable by law;

d. “The Contract Price” means the price payable to the Bidder under the Contract for the full and proper performance of its contractual obligations;

e. “Ancillary Services” means those services ancillary to the provision of Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, and other such obligations of the Bidder covered under the Contract;

f. “GCC” means the General Conditions of Contract contained in this section;

g. “SCC” means the Special Conditions of Contract by which the GCC may be amended or supplemented;

h. **“**Day” means calendar day unless indicated otherwise.

i. “Effective Date” means the date on which this Contract comes into force and effect.

j. The Bidder” means the individual or corporate body whose Bids to provide the Goods has been accepted by the Procuring Agency;

k. “The Project Site,” where applicable, means the place or places named in Bids Data Sheet and technical Specifications;

l. “Government” means the Government of Pakistan;

m. “Subcontractor” means any entity to which the Bidder subcontracts any part of the Goods.

n. "Service" means any object of procurement other than goods or works;

o. “Party” means the Procuring Agency or the Bidder, as the case may be, and “Parties” means both of them;

p. “Foreign Currency” means any currency other than the currency of the country of the Procuring Agency;

q. “Completion Date” means the date of completion of the contract by the Bidder as certified by the Procuring Agency;

r. “In Writing” means communicated in written form with proof of receipt;

s. “Local Currency” means the currency of Pakistan;

2. Application and Interpretation

2.1 These General Conditions shall apply to the extent that they are not superseded by provisions of other parts of the Contract.

2.2 In interpreting these Conditions of Contract headings and marginal notes are used for convenience only and shall not affect their interpretations unless specifically stated; references to singular include the plural and vice versa; and masculine include the feminine. Words have their ordinary meaning under the language of the Contract unless specifically defined.

3. Applicable Law

3.1 The contract shall be governed and interpreted in accordance with the laws of Pakistan, unless otherwise specified in SCC.

4. Governing Language

4.1 The Contract as well as all correspondence and documents relating to the Contract exchanged between the Bidder and the Procuring Agency, shall be written in the **English language** unless otherwise stated in the **SCC**. Supporting documents and printed literature that are part of the Contract may be in another language provided these are accompanied by an accurate translation of the relevant passages in English, in which case, for purposes of interpretation of the Contract, this translation shall govern.

5. Notices

5.1 Any notice, request, or consent made pursuant to this Contract shall be in writing and shall be deemed to have been made when delivered in person to an authorized representative of the Party to whom the communication is addressed, or when sent by registered mail, telex, telegram, or facsimile to such Party at the address specified in the **SCC**.

6. Delivery/Location

6.1 The Goods shall be delivered to such locations as the Procuring Agency may approve and as specified in SCC.

7. Authorized Representatives / Authority of Member in charge

7.1 Any action required or permitted to be taken, and any document required or permitted to be executed, under this Contract by the Procuring Agency or the Bidder may be taken or executed by the officials specified in the **SCC**.

B. Commencement, Completion, Modification, and Termination of Contract

8. Effectiveness of Contract

8.1 This Contract shall come into effect on the date the Contract is signed by both parties and such other later date as may be stated in the SCC.

9. Commencement of Services

9.1 The Bidder shall confirm availability of Key Experts and begin carrying out the Services not later than the number of days after the Effective Date specified in the SCC.

10. Program

10.1 Before commencement of the Services, the Bidder shall submit to the Procuring Agency for approval a Program showing the general methods, arrangements, order and timing for all activities. The Services shall be carried out in accordance with the approved Program as updated.

11. Starting Date/Expiration Date

11.1 The Bidder shall start carrying out the Services Five (05) days after the date the Contract becomes effective, or at such other date as may be specified in the **SCC.**

11.2 Unless terminated earlier pursuant to Clause **GCC 15** hereof, this Contract shall expire at the end of such time period after the Effective Date as specified in the SCC.

12. Entire Agreement

12.1 This Contract contains all covenants, stipulations and provisions agreed by the Parties. No agent or representative of either Party has authority to make, and the Parties shall not be bound by or be liable for, any statement, representation, promise or agreement not set forth herein.

13. Modification

13.1 Any modification or variation of the terms and conditions of this Contract, including any modification or variation of the scope of the Services, may only be made by written agreement between the Parties. However, each Party shall give due consideration to any Bids for modification or variation made by the other Party.

13.2 In cases of any modifications or variations, the prior written consent of the Procuring Agency is required.

14. Force Majeure

14.1 Definition

For the purposes of this Contract, “Force Majeure” means an event which is beyond the reasonable control of a Party and which makes a Party’s performance of its obligations under the Contract impossible or so impractical as to be considered impossible under the circumstances.

14.2 No Breach of Contract

The failure of a Party to fulfill any of its obligations under the contract shall not be considered to be a breach of, or default under, this Contract in so far as such inability arises from an event of Force Majeure, provided that the Party affected by such an event (a) has taken all reasonable precautions, due care and reasonable alternative measures in order to carry out the terms and conditions of this Contract, and (b) has informed the other Party as soon as possible about the occurrence of such an event.

14.3 Extension of Time

Any period within which a Party shall, pursuant to this Contract, complete any action or task, shall be extended for a period equal to the time during which such Party was unable to perform such action as a result

of Force Majeure.

14.4 Payments

During the period of their inability to perform the Services as a result of an event of Force Majeure, the Bidder shall be entitled to continue to be paid under the terms of this Contract, as well as to be reimbursed for additional costs reasonably and necessarily incurred by them during such period for the purposes of the Services and in reactivating the Service after the end of such period.

15. Termination

15.1 By the Procuring Agency

The Procuring Agency may terminate this Contract in case of the occurrence of any of the events specified in paragraphs (a) through (e) of this Clause. In such an occurrence the Procuring Agency shall give at least thirty (30) calendar days' written notice of termination to the Bidder in case of the events referred to in (a) through (d); at least sixty (60) calendar days' written notice in case of the event referred to in (e);

a. If the Bidder fails to remedy a failure in the performance of its obligations hereunder, as specified in a notice of suspension;

b. If the Bidder becomes (or, if the Bidder consists of more than one entity, if any of its members becomes) insolvent or bankrupt or enter into any agreements with their creditors for relief of debt or take advantage of any law for the benefit of debtors or go into liquidation or receivership whether compulsory or voluntary;

c. If the Bidder fails to comply with any final decision reached as a result of arbitration proceedings;

d. If, as the result of Force Majeure, the Bidder is unable to perform a material portion of the Services for a period of not less than sixty (60) calendar days;

e. If the Procuring Agency, in its sole discretion and for any reason whatsoever, decides to terminate this Contract;

15.2 By the Bidder

The Bidder may terminate this Contract, by not less than thirty (30) calendar days' written notice to the Procuring Agency, in case of the occurrence of any of the events specified in paragraphs (a) through (d) of this Clause.

a. If the Procuring Agency fails to pay any money due to the Bidder pursuant to this Contract and not subject to dispute within forty-five (45) calendar days after receiving written notice from the Bidder that such payment is overdue.

b. If, as the result of Force Majeure, the Bidder is unable to perform a material portion of the Services for a period of not less than sixty (60) calendar days.

c. If the Procuring Agency fails to comply with any final decision reached as a result of arbitration.

d. If the Procuring Agency is in material breach of its obligations pursuant to this Contract and has not remedied the same within forty-five (45) days (or such longer period as the Bidder may have subsequently approved in writing) following the receipt by the Procuring Agency of the Bidder's notice specifying such breach.

C. Obligations of the Bidder

16. General

16.1 Standard of Performance

1. The Bidder shall deliver the product and carry out the Services with all due diligence, efficiency and economy, in accordance with generally accepted professional standards and practices, and shall observe sound management practices, and employ appropriate technology and safe and effective equipment, machinery, materials and methods. The Bidder shall always act, in respect of any matter relating to this Contract or to the Services, as a faithful adviser to the Procuring Agency, and shall at all times support and safeguard the Procuring Agency's legitimate interests in any dealings with the third parties.

16.2 Law Applicable to Goods

The Bidder shall deliver the goods in accordance with the Contract and in accordance with the Law of Pakistan and shall take all practicable steps to ensure that any of its Experts and Sub-Bidders, comply with the Applicable Law.

17. Conflict of Interests

17.1 Bidder Not to Benefit from Commissions and Discounts.

The remuneration of the Bidder shall constitute the Bidder's sole remuneration in connection with this Contract or the Services, and the Bidder shall not accept for their own benefit any trade commission, discount, or similar payment in connection with activities pursuant to this Contract or to the Services or in the discharge of their obligations under the Contract, and the Bidder shall use their best efforts to ensure that the Personnel, any Subcontractors, and agents of either of them similarly shall not receive any such additional remuneration.

17.2 Bidder and Affiliates Not to be Otherwise Interested in Project

The Bidder agree that, during the term of this Contract and after its termination, the Bidder and its affiliates, as well as any Subcontractor and any of its affiliates, shall be disqualified from providing Goods for any project resulting from or closely related to the Services.

17.3 Prohibition of Conflicting Activities

Neither the Bidder nor its Subcontractors nor the Personnel shall engage, either directly or indirectly, in any of the following activities:

a. during the term of this Contract, any business or professional activities in the Government's country which would conflict with the activities assigned to them under this Contract;

b. during the term of this Contract, neither the Bidder nor their Subcontractors shall hire public employees in active duty or on any type of leave, to perform any activity under this Contract;

18. Confidentiality

18.1 Except with the prior written consent of the Procuring Agency, the Bidder and the Experts shall not at any time communicate to any person or entity any confidential information acquired in the course of the contract.

19. Insurance to be Taken Out by the Bidder

19.1 The Bidder(a) shall take out and maintain, and shall cause any Subcontractors to take out and maintain, at its (or the Subcontractors', as the case may be) own cost but on terms and conditions approved by the Procuring Agency, insurance against the risks, loss or damage, and for the coverage, as shall be specified in the SCC; and (b) at the Procuring Agency's request, shall provide evidence to the Procuring Agency showing that such insurance has been taken out and maintained and that the current premiums have been paid.

20. Bidder's Actions Requiring Procuring Agency's Prior Approval

20.1 The Bidder shall obtain the Procuring Agency's prior approval in writing before taking any of the following actions:

(a) appointing such members of the Personnel not provided by the Bidder;

(b) changing the Program of activities; and

(c) any other action that may be specified in the SCC.

21. Reporting Obligations

21.1 The Bidder shall submit to the Procuring Agency the reports and documents in the numbers, and within the periods as prescribed by the Procuring Agency.

22. Liquidated Damages

22.1 If the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Procuring Agency shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in **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 performance security (or guarantee) specified in **SCC**. Once the said maximum is reached, the Procuring Agency may consider termination of the Contract pursuant to **GCC Clause 15.**

22.2 Correction for Over-payment

If the Intended Completion Date is extended after liquidated damages have been paid, the Procuring Agency shall correct any overpayment of liquidated damages by the Bidder by adjusting the next payment certificate. The Bidder shall be paid interest on the overpayment, calculated from the date of payment to the date of repayment, at the rates specified in SCC.

22.3 Lack of performance penalty

If the Bidder has not corrected a Defect within the time specified in the Procuring Agency's notice, a penalty for Lack of performance will be paid by the Bidder. The amount to be paid will be calculated as a percentage of the cost of having the Defect corrected, assessed as specified in the SCC.

23. Performance Guarantee

23.1 Within Seven (07) days from the issuance of acceptance letter from the Procuring Agency, the successful Bidder shall furnish the Performance Guarantee in shape of ------- at the discretion of the PA in the amount **specified in SCC.** In case the amount of Bids security is equal or greater than

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

23.3 The Performance Guarantee shall be denominated in the currency of the Contract, or in a freely convertible currency acceptable to the Procuring agency and shall be in the acceptable form as specified in SCC.

23.4 The Performance Guarantee will be discharged by the Procuring agency and returned to the Supplier not later than thirty (30) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless otherwise **specified in SCC.**

24. Fraud and Corruption

24.1 The Procuring Agency requires the Supplier to disclose any commissions or fees that may have been paid or are to be paid to agents or any other party with respect to the Bidding 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.

25. Sustainable Procurement

25.1 The Bidder shall conform to the sustainable procurement contractual provisions, if and as specified in the SCC.

D. Bidder's Personnel

26. Description of Personnel

26.1 The titles, agreed job descriptions, minimum qualifications, and estimated periods of engagement in the carrying out of the Services of the Bidder's Key Personnel. The Key Personnel listed by title as well as by name are hereby approved by the Procuring Agency.

27. Removal and/or Replacement of Personnel

27.1 Except as the Procuring Agency may otherwise agree, no changes shall be made in the Key Personnel. If, for any reason beyond the reasonable control of the Bidder, it becomes necessary to replace any of the Key Personnel, the Bidder shall provide as a replacement a person of equivalent or better qualifications.

27.2 If the Procuring Agency finds that any of the Personnel have (i) committed serious misconduct or have been charged with having committed a criminal action, or (ii) have reasonable cause to be dissatisfied with the performance of any of the Personnel, then the Bidder shall, at the Procuring Agency's written request specifying the grounds thereof, provide as a replacement a person with qualifications and experience acceptable to the Procuring Agency.

27.3 The Bidder shall have no claim for additional costs arising out of or incidental to any removal and/or replacement of Personnel.

E. Obligations of the Procuring Agency

28. Assistance and Exemptions

28.1 The Procuring Agency shall use its best efforts to ensure that the Government shall provide the Bidder such assistance and exemptions as specified in the SCC.

29. Change in the Applicable Law

29.1 If, after the date of this Contract, there is any change in the Applicable Law with respect to taxes and duties which increases or decreases the cost of the related Services rendered by the Bidder, then the remuneration and reimbursable expenses otherwise payable to the Bidder under this Contract shall be increased or decreased accordingly by agreement between the Parties, and corresponding adjustments shall be made to the amounts referred in the SCC.

30. Services and Facilities

30.1 The Procuring Agency shall make available to the Bidder and the Experts, for the purposes of the Services and free of any charge, the services, facilities and property described , at the times and in the manner specified in the SCC or terms of reference.

30.2 In case that such services, facilities and property shall not be made available to the Bidder, the Parties shall agree on (i) any time extension that it may be appropriate to grant to the Bidder for the performance of the Services, (ii) the manner in which the Bidder shall procure any such services, facilities and property from other sources, and (iii) the additional payments, if any, to be made to the Bidder as a result thereof.

F. Payments to the Bidder

31. Contract Price

31.1 The price payable shall be in Pakistani Rupees unless otherwise specified in the SCC. Prices charged by the Supplier for Goods delivered under the Contract shall not vary from the prices quoted by the Supplier in its Bid.

32. Terms and Conditions of Payment

32.1 Payments will be made to the Bidder according to the payment schedule stated in the SCC and as per actual invoice submitted by the Bidder.

32.2 Unless otherwise stated in the SCC, the advance payment shall be made against the provision by the Bidder of a bank guarantee for the same amount, and shall be valid for the period stated in the SCC. Any other payment shall be made after the conditions listed in the SCC for such payment have been met, and the Bidder have submitted an invoice to the Procuring Agency specifying the amount due.

33. Currency of Payment

33.1 Any payment under this Contract shall be made in the currency(ies) specified in the SCC.

G. Quality Control

34. Identifying Defects

34.1 The principle and modalities of Inspection of the Goods by the Procuring Agency shall be as indicated in the SCC. The Procuring Agency shall check the Bidder’s performance and notify him of any Defects that are found. Such checking shall not affect the Bidder’s responsibilities. The Procuring Agency may instruct the Bidder to search for a Defect and to uncover and test any service that the Procuring Agency considers may have a Defect. Defect Liability Period is as defined in the SCC.

35. Correction of Defects,and

Lack of Performance Penalty

35.1 The Procuring Agency shall give notice to the Bidder of any Defects before the end of the Contract. The Defects liability period shall be extended for as long as Defects remain to be corrected.

35.2 Every time notice a Defect is given, the Bidder shall correct the notified Defect within the length of time specified by the Procuring Agency's notice.

35.3 If the Bidder has not corrected a Defect within the time specified in the Procuring Agency's notice, the Procuring Agency will assess the cost of having the Defect corrected, the Bidder will pay this amount, and a Penalty for Lack of Performance.

36. Taxes and Duties

36.1 A Supplier shall be entirely responsible for all taxes, duties, fees, etc., incurred until delivery of the contracted Goods to the Procuring Agency.

H. Settlement of Disputes

37. Alternate Dispute Resolution

37.1 The disputes between the parties to the contract may be settled in accordance with Public Procurement Rules, 2004.

37.2 The procuring agency shall refer the matter to the Chief Justice Islamabad High Court or Managing Director PPRA or the Secretary Ministry of Law & Justice for appointment of Arbitrator.

37.3 The fee for the Arbitrator shall be specified in Pak Rupees as determined by the appointing authority which shall be borne and shared equally by the contracting parties.

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Special Conditions of Contract

SECTION VIII. SPECIAL CONDITIONS OF CONTRACT

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the Conditions of Contract. The corresponding clause number of the GCC is indicated in parentheses.

Number of GC Clause

Amendments of, and Supplements to, Clauses in the General Conditions of Contract

Number of GC Clause 1

Definitions

The Procuring Agency is: National Institutes of Health (NIH) (National Institutes of Health (NIH)), Assistant Director Park Road, Islamabad Capital Territory

The Supplier is:

The title of the subject procurement is: TENDER FOR PURCHASE OF CHEMICALS/RAW MATERIAL FOR DC&TMD & QCL

Number of GC Clause 3

Applicable/Governing Law:

The Contract shall be interpreted in accordance with the laws of Islamic Republic of Pakistan

Number of GC Clause 4

Language:

The language of the Contract, all correspondence and communications to be given, and all other documentation to be prepared and supplied under the Contract shall be in **English.**

Number of GC Clause 5

Notices:

The addresses for the notices are:

Procuring Agency:

National Institutes of Health (NIH) (National Institutes of Health (NIH)), Assistant Director
Park Road, Islamabad Capital Territory
+92-333-855-4884
purchaseprocurement58@gmail.com

Contractor/ Bidder:

[Name, address and telephone number].

The Contractor/ Bidder's Representative(s)

[Name, address, telephone number and e-mail address]

Number of GC Clause 7.1

The Authorized Representatives are:

For the Procuring Agency:

National Institutes of Health (NIH) (National Institutes of Health (NIH)), Assistant Director
Park Road, Islamabad Capital Territory
+92-333-855-4884
purchaseprocurement58@gmail.com

For the Bidder:

Name: ……

Designation: ……..

Address: ……..

Number of GC Clause 8

Effectiveness of the contract

Number of GC Clause 9

Commencement of Contract:

Number of GC Clause 11.2

Expiration of Contract:

Number of GC Clause 15

Termination

In the event of termination of the contract due to any reason as already defined in the General Conditions of Contract, the Bidder shall be responsible for providing to the Authority the Goods till the time of alternate arrangements.

Number of GC Clause 17

Conflict of Interest:

The Procuring Agency reserves the right to determine on a case-by-case basis whether the Bidder should be disqualified from providing goods or services due to a conflict of a nature described in Clause GCC 17**.**

Number of GC Clause 22

Liquidated Damages

If the Bidder fails to provide services as required under the contract or in case of any data loss/data breach or any incident compromising the data security or other such failures related to any services, the Bidder shall pay to the Procuring Agency as Liquidated Damages at a rate of **1.00%** to **1.00%** of the Contract value, in accordance with the extent of performance failure & the cost of investigating such incidents as judged by the

Authority.

Number of GC Clause 23

Performance Guarantee:

The amount of performance guarantee shall be **0%** of the contract price in acceptable form of **Nil**

Number of GC Clause 32

Payment terms:

Payment will be made to the Bidder against the procured Goods and services according to the actual invoice or running bills submitted by the Bidder against the services provided within the time given in the conditions of the contract.

Number of GC Clause 33

Currency of Payment:

All the payment to be released to the contractor/Bidder shall be in Pakistani Rupees.

Number of GC Clause 34

Identifying Defects:

The Authority reserves the right at any time to inspect the premises of the provider to inspect the goods and monitor the goods being provided.

Number of GC Clause 37

Following is the guidance for Dispute Resolution

i. If any dispute of any kind whatsoever shall arise between the Authority and the Bidder in connection with or arising out of the Contract, including without prejudice to the generality of foregoing, any question regarding its existence, validity, termination and the execution of the Contract – whether during developing phase or after their completion and whether before or after the termination, abandonment or breach of the Contract – the parties shall seek to resolve any such dispute or difference by mutual diligent negotiations in good faith within 14 (fourteen) days following a notice sent by one Party to the other Party in this regard**.**

ii. At future of negotiation the dispute shall be resolved through mediation and mediator shall be appointed with the mutual consent of the both parties**.**

iii. At the event of failure of mediation to resolve the dispute relating to this contract such dispute shall finally be resolved through binding Arbitration by sole arbitrator in accordance with Arbitration Act 1940. The arbitrator shall be appointed by mutual consent of the both parties**.** The Arbitration shall take place in Islamabad, Pakistan and proceedings will be conducted in English language.

iv. The cost of the mediation and arbitration shall be shared by the parties in equal proportion however the both parties shall bear their own costs and lawyer’s fees regarding their own participation in the mediation and arbitration. However, the Arbitrator may make an award of costs upon the conclusion of the arbitration making any party to the

dispute liable to pay the costs of another party to the dispute**.**

v. Arbitration proceedings as mentioned in the above clause regarding resolution of disputes may be commenced prior to, during or after completion of the contract.

Notwithstanding any reference to the arbitration herein, the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree that the Authority shall pay the Bidder any monies due to the Bidder.

Rules of procedure for arbitration proceedings:

Any dispute between the Authority and a Bidder who is a national of the Islamic Republic of Pakistan arising in connection with the present Contract shall be referred to adjudication or arbitration in accordance with the laws of the Islamic Republic of Pakistan including Arbitration Act 1940, however above provision shall prevail in referring the case to the Arbitrator.

Place of Arbitration and Award:

The arbitration shall be conducted in English language and place of arbitration shall be at Islamabad. The award of the arbitrator shall be final and shall be binding on the parties.

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Bid Securing Declaration

Form 9: Bid Securing Declaration

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

Bid No.:***P77872***

To: **National Institutes of Health (NIH) (National Institutes of Health (NIH)), Assistant Director Park Road, Islamabad Capital Territory**

We, the undersigned, declare that:

We understand that, according to your conditions, Bids must be supported by a Bid Securing Declaration.

We accept that we will be blacklisted and henceforth cross debarred for participating in respective category of public procurement proceedings for a period of (not more than) six months, if fail to abide with a bid securing declaration, however without indulging in corrupt and fraudulent practices, if we are in breach of our obligation(s) under the Bid conditions, because we:

1. have withdrawn or modified our Bid during the period of Bid Validity specified in the Form of Bid;

2. Disagreement to arithmetical correction made to the Bid price; or

3. having been notified of the acceptance of our Bid by the Procuring Agency during the period of Bid Validity, (i) failure to sign the contract if required by Procuring Agency to do so or (ii) fail or refuse to furnish the Performance Security or to comply with any other condition precedent to signing the contract specified in the Bidding Documents.

We understand this Bid Securing Declaration shall expire if we are not the successful

Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder; or (ii) twenty-eight (28) days after the expiration of our Bid.

Contract Form

SECTION IX: CONTRACT FORMS

THIS AGREEMENT made the _____ day of _____ 20_____ between **National Institutes of Health (NIH) (National Institutes of Health (NIH)), Assistant Director Park Road, Islamabad Capital Territory**

(hereinafter called "the Procuring Agency") of the one part and *[name of Bidder]* of *[city and country of Bidder]* (hereinafter called "the Bidder") of the other part:

WHEREAS the Procuring Agency invited Bids for provision of goods, viz., **TENDER FOR PURCHASE OF CHEMICALS/RAW MATERIAL FOR DC&TMD & QCL (*P77872*)** and has accepted a Bids by the Bidder for the provision of Goods in the sum of *[contract price in words and figures]* (hereinafter called "the Contract Price").

NOW THIS CONTRACT WITNESSETH AS FOLLOWS:

1. In this Contract words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall be deemed to form and be read and construed as part of this Contract, In the event of any ambiguity or conflict between the Contract Documents listed below, the order of precedence shall be the order in which the Contract Documents are listed below:-

1. This form of Contract;
2. the Form of Bids and the Price Schedule submitted by the Bidder;
3. the Schedule of Requirements;
4. the Technical Specifications;
5. the Special Conditions of Contract;
6. the General Conditions of the Contract;
7. the Procuring Agency's Letter of Acceptance; and
8. [*add here: any other documents*]

3. In consideration of the payments to be made by the Procuring Agency to the Bidder as hereinafter mentioned, the Bidder hereby covenants with the Procuring Agency to provide the Goods related services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The Procuring Agency hereby covenants to pay the Bidder in consideration of the provision of Goods 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.

IN WITNESS whereof the parties hereto have caused this Contract to be executed in accordance with their respective laws the day and year first above written.

Signed, sealed, delivered by _____the _____ (for the Procuring Agency)

Witness to the signatures of the Procuring Agency:

……

Signed, sealed, delivered by _____the _____ (for the Procuring Agency)

Witness to the signatures of the Bidder: ……

Integrity Pact

Integrity Pact

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BYTHE SUPPLIERS OF GOODS, SERVICES & WORKS IN CONTRACTS WORTH RS.10.00 MILLION OR MORE

Contract Number: Contract Value: Contract Title:

Dated:

[Name of Supplier] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Pakistan or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoP) through any corrupt business practice.

Without limiting the generality of the foregoing [Name of Supplier] represents and warrants that it has fully declared the brokerage, commission, fee etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultations fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP, except that which has been expressly declared pursuant hereto.

[Name of Supplier] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with GoP and has not taken any action or will not take any action to circumvent the above declaration, representative or warranty.

[Name of Supplier] accepts full responsibility and strict liability for making and false declaration, not making full disclosure, misrepresenting fact or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to GoP under any law, contract or other instrument, be voidable at the option of GoP.

Notwithstanding any rights and remedies exercised by GoP in this regard, [Name of Supplier] agrees to indemnify GoP for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoP in an amount equivalent to ten time the sum of any commission, gratification, bribe, finder's fee or kickback given by [Name of Supplier] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP.

Performance Guarantee Form

Performance Guarantee Form

To: **National Institutes of Health (NIH) (National Institutes of Health (NIH)), Assistant Director Park Road, Islamabad Capital Territory**

WHEREAS *[name of Bidder]* (hereinafter called "the Bidder") has undertaken, in pursuance of Contract No. *[reference number of the contract]* dated *[insert date]* for provision of Goods*(*hereinafter called "the Contract").

AND WHEREAS it has been stipulated by you in the said Contract that the Bidder shall furnish you with a Bank Guarantee by a reputable bank for the sum specified therein as security for compliance with the Bidder's performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Bidders guarantee:

THEREFORE, WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Bidder, up to a total of *[amount of the guarantee in words and figures],* and we undertake to pay you, upon your first written demand declaring the Bidder to be in default under the Contract and without cavil or argument, any sum or sums within the limits of *[amount of guarantee]* as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the: *[insert date]*

Signature and seal of the Guarantors

_____

[name of bank or financial institution]

_____

[address]

[date}

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Annexure

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Tender Document

Information (Read-Only)

See Form Under Additional Forms and Documents: **Tender Document** (page number: 290)

Technical Evaluation Criteria

Information (Read-Only)

See Form Under Additional Forms and Documents: **Technical Evaluation Criteria** (page number: 313)

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Procurement Forms

PUBLIC PROCUREMENT REGULATORY AUTHORITY
(PPRA)
EPADS

PUBLIC PROCUREMENT REGULATORY AUTHORITY
(PPRA)
EPADS

Additional Forms and Documents

TENDER FOR PURCHASE OF CHEMICALS/RAW MATERIAL FOR DC&TMD & QCL OF THIS INSTITUTE FOR THE YEAR 2026-2027 ON F.O.R, NIH, ISLAMABAD ON SINGLE STAGE TWO ENVELOPE PROCEDURE ADOPTED DUE ON _____ AT 11.00 A.M

Sr.#	Name of Items	Qty.	Unit Price	Total Amount	Fix Earnest Money
1.	Acetic Acid (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	2.5lit	12820.51	64102.55	
2.	Acetic Acid, Glacial (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	5lit.	12820.51	64102.55	
3.	Ammonia Solution (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	10Lit	12820.51	64102.55	
4.	Ammonium Chloride (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	1kg	12820.51	64102.55	
5.	Ammonium Tihocyanate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	500gm	641.03	64103	
6.	Ammonium Molybdate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	250gm	641.03	64103	
7.	Ammonium Carbonate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	1kg	64102.56	64102.56	
8.	Ammonium Phosphate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	500 gm	6.11	64155	
9.	Acetonitrile GR (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	100 lit	6.11	64155	
10.	Acetonitrile (GCMS Grade (Merck,BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	20 lit	6.11	64155	
11.	Acetone GR (Merck, Sigma Aldrich, BDH, Lab Scan) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	10 lit	18.32	64120	
12.	Acetone HPLC (Merck, Sigma Aldrich, BDH, Lab Scan) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	7.5 lit	6.11	64155	
13.	Ammonium Dihydrogen Phosphate (Merck, Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	500gm	16025.64	64102.56	
14.	Blood Agar (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	500gm	6410.26	64102.6	
15.	Butanol (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	2.5lit.	8547.01	64102.58	
16.	Bromocresol Green (DC&TMD)	250 gm	6410.26	64102.6	
17.	Buffer solution PH 4.01 (Merck, Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	1Liter	32051.28	64102.56	
18.	Buffer solution PH 7.00 (Merck, Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	1Liter	11.66	64130	
19.	Buffer solution PH 9.21 (Merck, Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	1Liter	6410.26	64102.6	
20.	Buffer solution PH 10.0 (Merck, Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	1 Liter	12820.51	64102.55	
21.	Calcium chloride (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	01 kg	424.52	64102.52	
22.	Concentrated Sulphuric Acid (DC&TMD)	4 Lit.	2136.75	64102.5	
23.	Cupric Chloride (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	500gm	3205.13	64102.6	
24.	Cupric Sulphate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	1kg	641.03	64103	
25.	Chloroform (Merck, BDH, Lab Scan, Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	**2.5lit**	1256.91	64102.41	

26.	Chloroform (GCMS Grade) (Merck, BDH, Lab Scan, Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	**10 lit**	1256.91	64102.41	
27.	Disodium Hydrogen orthophosphate (Merck, BDH, Lab Scan, Sigma Aldrich)	4 kg	64.1	64100	
28.	Diphenylamine (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	250gm	12820.51	64102.55	
29.	Disodium Tetraborate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	1kg	12820.51	64102.55	
30.	Di-Sodium Edetate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	500gm	12820.51	64102.55	
31.	Di-Potassium Phosphate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	2Kg	12820.51	64102.55	
32.	Di- Ammonium Hydrogen Orthophosphate (Merck,BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	500gm	1780.63	64102.68	
33.	Di-Methyl Sulfoxide (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	2.5lit.	12820.51	64102.55	
34.	Diethylamine (Merck, Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	500 ml	128.21	64105	
35.	Sodium Hydrogen Phosphate (Merck, Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	1 Kg	12820.51	64102.55	
36.	Ethyl Acetate (Lab Scan, (Merck,BDH, Sigma Aldrich) (DC&TMD)	**12.5 lit**	32051.28	64102.56	
37.	Erichrom Black (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	250 gm	64102.56	64102.56	
38.	Ferrous Ammonium Sulphate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	500 gm	641.03	64103	
39.	Ferric Nitrate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	250gm	21367.52	64102.56	
40.	Ethanol Absolute GR Merck, Lab Scan, Sigma) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	25 lit	5827.51	64102.61	
41.	Ethanol (GCMS Grade Merck, Lab Scan, Sigma) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	04 lit	32051.28	64102.56	
42.	Isopropanol (HPLC Grade) Merck, Lab Scan, Sigma) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	2.5 lit	32051.28	64102.56	
43.	Isopropanol (GCMS Grade) Merck, Lab Scan, Sigma) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	10 lit	21367.52	64102.56	
44.	Hydroxymethylamine HCl (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	250gm	64102.56	64102.56	
45.	Hydroxy Ammonium Chloride (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	250gm	1282.05	64102.5	
46.	Hexylamine Merck, Lab Scan, Sigma) with Certificate of Analysis (DC&TMD)	100 ml	64102.56	64102.56	
47.	Hydrochloric Acid Concentrated (37%)(Merck, Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	14 lit	64.1	64100	
48.	Iodine Pellets (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	500gm	64102.56	64102.56	
49.	Isopropanol (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	7.5lit	641.03	64103	
50.	ISO-Octane (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	2.5Lit	641.03	64103	
51.	Lead Acetate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	250gm	12820.51	64102.55	
52.	Methyl Orange (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	250gm	12820.51	64102.55	

53.	Magnesium Chloride (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	1kg	12820.51	64102.55	
54.	Magnesium Sulphate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	1kg	12820.51	64102.55	
55.	Magnesium Oxide (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	250gm	25641.03	64102.57	
56.	Mannitol (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	1kg	25641.03	64102.57	
57.	Methanol GR (Merck, BDH Sigma Lab scan Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	200lit	6410.26	64102.6	
58.	Methanol HPLC (Merck, Sigma BDH Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	12.5lit	6410.26	64102.6	
59.	Methanol (GCMS Grade) (Merck, Sigma BDH Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	10 lit	64102.56	64102.56	
60.	Methanol Analytical (Merck, BDH, Lab Scan, Sigma) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	2.5 lit	25.64	64100	
61.	Nutrient Agar (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	500gm	128.21	64105	
62.	N-Hexane (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	2.5Lit	128.21	64105	
63.	Nitric Acid (Merck, BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	2.5lit.	128.21	64105	
64.	n-Docosane (GCMS Grade) (Merck, BDH, Lab Scan, Sigma) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	25gm	128.21	64105	
65.	N, O-bis-trimethylsilylacetamide (BSA) (Merck, BDH, Lab Scan, Sigma) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	500ml	128.21	64105	
66.	N-methyl-N-trimethylsilyltrifluoroaceamide (MSTFA-(GCMS Grade), (Merck, BDH, Lab Scan, Sigma) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	50gm	128.21	64105	
67.	Octane 1 Sulfonic Acid Sodium Salt (DC&TMD)	250gm	32051.28	64102.56	
68.	Ortho-Phosphoric Acid. (DC&TMD)	5 Lit.	32051.28	64102.56	
69.	Phelphthalin (Merck, BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	200gm	1282.05	64102.5	
70.	1-Propanol (Merck, BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	2.5 Liters	32051.28	64102.56	
71.	Phosphoric Acid (Merck, BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted)	5 lit	32051.28	64102.56	
72.	Pyridine (Merck, BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted)	100 gm	1282.05	64102.5	
73.	Potassium Sodium Tartarate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	500 gm	32051.28	64102.56	
74.	Potassium Bromide (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	500gm	32.05	64100	
75.	Potassium Iodate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	500 gm	25.64	64100	
76.	Potassium Sulphate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	1kg	25.64	64100	
77.	Potassium Permanganate Analysis (Merck,BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	250gm	25.64	64100	
78.	Potassium Hydrogen Phthalate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted)	250gm	256.41	64102.5	
79.	Potassium Dichromate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	500gm	12820.51	64102.55	
80.	Potassium Dihydrogen orthophosphate (Merck, BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	03 kg	32051.28	64102.56	

81.	Sodium di hydrogen phosphate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	5Kg	32051.28	64102.56	
82.	Sulphuric acid 97 % (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	01Kg	32051.28	64102.56	
83.	Sodium Sulphate (Anhydrous) (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	5Lit.	32051.28	64102.56	
84.	Salicylic Acid (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	1kg	32051.28	64102.56	
85.	Sodium Acetate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	1kg	32051.28	64102.56	
86.	Sodium Bisulphate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	250gm	21367.52	64102.56	
87.	Sodium Nitrate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	500gm	4273.5	64102.5	
88.	Sodium Chloride (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	3kg	21367.52	64102.56	
89.	Sodium Citrate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	1kg	4273.5	64102.5	
90.	Sodium Hydrogen Sulphite (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	250gm	21367.52	64102.56	
91.	Sodium Periodate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	250gm	21367.52	64102.56	
92.	Sodium DoecylSulphate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	2Kg	10683.76	64102.56	
93.	Sodium Nitrate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	500gm	3205.13	64102.6	
94.	Sodium Nitroprusside (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted)	250gm	641.03	64103	
95.	Silver Chloride (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted)	250gm	3205.13	64102.6	
96.	Sodium Benzoate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted)	1kg	6410.26	64102.6	
97.	Sodium Dihydrogen orthophosphate (Merck, BDH, Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted)	4kg	3205.13	64102.6	
98.	Sodium Hydroxide (Reagent) (Merck, BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	8kg	1.28	64012.8	
99.	Tertiary Butyl Alcohol (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	500 ml	21367.52	64102.56	
100.	Tribasic sodium Phosphate Dodecahydrate (Merck,BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	2Kg	21367.52	64102.56	
101.	Tetrahydrofuran HPLC Grade (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	05ltr	21367.52	64102.56	
102.	Tri Sodium Phosphate (Merck,BDH Sigma Aldrich) with Certificate of Analysis, (Note: Repack will not be accepted) (DC&TMD)	1kg	16025.64	64102.56	
103.	Tri Hydroxy Methyl Ammonium Ethane (Merck,BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	250gm	64102.56	64102.56	
104.	Toluene (Merck, BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	20 lit	64102.56	64102.56	
105.	Silver Nitrate (Merck, BDH, Lab Scan, Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	250 gm	16025.64	64102.56	
106.	Tribenzylamine (GCMS Grade) (Merck, BDH Sigma	5 lit	641.03	64103	

	Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)				
107.	2,5-diphenyl-3 (4-Styrylphenyl) tetrazolium chloride (Merck, BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	2.5gm	64102.56	64102.56	
108.	Dexamethasone (standard) Secondary (DC&TMD)	2.5gm	64102.56	64102.56	
109.	Betamethasone (Standard) Secondary (DC&TMD)	2.5gm	64102.56	64102.56	
110.	Hydrocortisone (Standard) Secondary (DC&TMD)	2.5gm	64102.56	64102.56	
111.	Cortisone (Standard) Secondary (DC&TMD)	2.5gm	64102.56	64102.56	
112.	Prednisolone (Standard) (DC&TMD)	2.5gm	64102.56	64102.56	
113.	Dichloromethane (Merck, BDH, Lab Scan, Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	2.5 lit	641.03	64103	
114.	1-4 Dioxan (Merck, BDH, Lab Scan, Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	5 lit	641.03	64103	
115.	Phosphate Buffer (0.05m) Secondary (DC&TMD)	01 lit	16025.64	64102.56	
116.	0.1N Tetra –N- Butyl Ammonium Hydroxide (Merck, BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	2.5 Liters	32051.28	64102.56	
117.	Xylenol Orange (Merck, BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	250gm	64102.56	64102.56	
118.	Zinc Chloride (Merck, BDH Sigma Aldrich) with Certificate of Analysis (Note: Repack will not be accepted) (DC&TMD)	1Kg	64102.56	64102.56	
119	Acetonitrile HPLC grade, Merck or equivalent with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted.(QCL)	**05Lit**	64102.56	64102.56	
120	Methanol HPLC grade, Merck equivalent with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**05 Lit**	16025.64	64102.56	
121	Isopropanol HPLC grade, Merck equivalent with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**05 Lit**	64102.56	64102.56	
122	Water HPLC grade, Merck equivalent with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**05 Lit**	128.21	64105	
123	Standard solution 100 to 600 mOsmol/kg for Osmometer (Osmotech) – 100 ml each Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**100 Ml**	641.03	64103	
124	Coolant solution for Osmometer (Osmotech) 100 ml Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**100 Ml**	64102.56	64102.56	
125	Total protein solution kit for spectrophotometer 01 kit Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**01 Kit**	641.03	64103	
126	Fluid Thioglycolate media granulated anhydrous Merck /oxoid /sigma (Original manufacturer packing) 80 % expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**10 x 500 g**	128.21	64105	
127	Tryptic soya broth granulated anhydrous Merck/ oxoid /sigma (Original manufacturer packing) 80 % expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**10 x 500 g**	64102.56	64102.56	
128	Tryptic soya agar granulated anhydrous Merck /oxoid /sigma (Original manufacturer packing) 80 % expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted.	**10 x 500 g**	641.03	64103	
129	MacConkey agar granulated anhydrous Merck/ oxoid /sigma (Original manufacturer packing) 80 % expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**3x500gm**	64102.56	64102.56	
130	Chloroform Original Company Packing Merck with QR-code authentication or complete import document traceability Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted.	**10x 500 gm**	128.21	64105	

131	Sodium Chloride (NaCL) Merck or equivalent with QR-code authentication or complete import document traceability Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**04kg**	16025.64	64102.56	
132	Formaldehyde 37% (Merck/sigma) HPCL Graded Merck or equivalent with QR-code authentication or complete import document traceability Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**10Lit**	16025.64	64102.56	
133	7x Detergent (IVF Lab Cleaning 5 ltr. Solution) or equivalent with QR-code authentication or complete import document traceability Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**7.5Lit**	16025.64	64102.56	
134	Cellulose Nitrate Filter Pore size 0.45 um, Geottingen, Germany Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**10pkt**	128.21	64105	
135	Dry Heat Chemical Indicator Strips, 100/Pkg, SPS Medical Patterson Item #: 638-9845 Compatible Sterilization Type: Dry Heat Manufacturer Name: SPS Medical Package Quantity: 100/PkgProcess Indicator Type: Color Change, Product Type: Chemical Indicator Strip Strip Length: 4", Strip Packaging Location: Internal Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**2pkt**	641.03	64103	
136	Peptone water granulated anhydrous Merck/ Oxoid/ sigma or equivalent (Original manufacturer packing) with QR-code authentication or complete import document traceability Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL	**5x 500gm**	16025.64	64102.56	
137	Phenol disinfectant, with QR-code authentication or complete import document traceability Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**10lit**	64102.56	64102.56	
138	pH solution for Calibration pH range: 4-7 and 9 Merck with QR-code authentication or equivalent import document Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**05set**	16025.64	64102.56	
139	Oxyl pro clean disinfectant for fogging: oxylpro UK or equivalent Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. Stabilized 35%H2O2, approved by EU with green sustainability certificate. Self-life: two year Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**15 x 1 Lit**	16025.64	64102.56	
140	Sterile alcohol 70% v/v with sterile spray bottles with bag-in-bottle technology. Original Company Packing Ready to use. Brand; AGMA-USA or equivalent Capacity: 900ml Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**30it**	641.03	64103	
141	Prokleen Liquid Hand wash Capacity: 500ml Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**20Bott**	64102.56	64102.56	
142	**Biological Indicators;** (Single species) Sporodex. Steris corporation LOT#, 2759, Product Lot#. B90032, Biological indicators: Steris or equivalent (Ampule). Browne indicators 106, Geobacillus stearothermophilus and has a process chemical indicator on the label. ISO certification: 11138 with minimum 2-3 years Expiry Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**100Nos**	12.82	64100	
143	Surgistain rust remover for lab equipment Ruhof-USA/ equivalent Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**5x 1 Lit**	6410.26	64102.6	
144	Sterile single pack spreader as per sample Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**5x 1 lit**	12820.51	64102.55	
145	30 % Acryl/Bis, 29:1 cat/Lot: 1610156 Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**1000ml**	12820.51	64102.55	
146	iProof High-Fidelity DNA Polymerase cat/Lot: 1725302 Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**05ml**	12820.51	64102.55	
147	iTaq DNA Polymerase cat/Lot: 1708875 Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**05ml**	1282.05	64102.5	

148	$MgCl_2$ Solution for PCR cat/Lot: 1708872 Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**05ml**	12820.51	64102.55	
149	dNTP Solution Mix cat/Lot: 1708874 Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**05ml**	12820.51	64102.55	
150	Rectified Spirit Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**36lit**	12820.51	64102.55	
151	DNA Gel Loading Dye (6X) cat/Lot: R0611 Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**05ml**	21367.52	64102.56	
152	PCR Tubes 0.2 ml Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**500Nos**	128.21	64105	
153	Cooling racks Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**05Nos**	6410.26	64102.6	
154	DNA Extraction kit (zymogen) cat/Lot: Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**02Nos**	6410.26	64102.6	
155	Water for Injection, Thermofischer or Merck, TOC should be <0.1ppm, with QR-code authentication completer import document traceability Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**01lit**	12820.51	64102.55	
156	Conductivity Standards should be of 1.5us/cm or less, HANNA or equivalent Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**100ml**	12820.51	64102.55	
157	Merck pH standard buffers pH 4,7, 9 or equivalent with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**03lit**	12820.51	64102.55	
158	Endotoxin and pyrogen free sterile water (highest purity standards) Thermofischer scientific or eq. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**101it**	12820.51	64102.55	
159	TEMED Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**02Bott**	12820.51	64102.55	
160	Sodium citrate Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**02kg**	12820.51	64102.55	
161	KmNo4 Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**03kg**	641.03	64103	
162	Sodium thiosulphate Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**01Gm**	641.03	64103	
163	Sodium Nitrate Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**50Gm**	64102.56	64102.56	
164	Conductivity meter standards: 0.5 ua/cm. 1us/cm, 2.5us/cm, 5us/cm Merck or equivalent with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**01Bott**	6.11	64155	
165	Pipeline cleaning fluid (concentrated liquid for ELISA Machine) 150ml/bottle brand name BIOBASE Origin Chine Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**1000ml**	6.11	64155	
166	Albumin estimation kit by spectrophotometer or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**01Kit**	6.11	64155	
167	Potassium Bromate Merck cat#104912 or eq. Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**100Gm**	18.32	64120	
168	Potassium Bromide Merck cat # 104904 or eq Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted.	**100Gm**	6.11	64155	
169	Dimethyl sulfoxide (Sigma) for molecular biology (100ml) Lot No SHBK2703 with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack	**05Bott**	16025.64	64102.56	

	material will not be accepted.				
170	Dulbecco's PBS (10X) solution 500 ml Lot No. 01201022, Company Caisson with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted.	**15Bott**	6410.26	64102.6	
171	Gibco Trypsin EDTA (10X) 0.5% (100ml) Lot No. 2287366 with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted.	**05Bott**	8547.01	64102.58	
172	Gibco DMEM (1X) 500ml Lot No 2813961 with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted.	**15Bott**	6410.26	64102.6	
173	Glycerol with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)	**2.5Lit**	32051.28	64102.56	
174	Bleach (Sodium Hypoechoic) with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)	**2.5Lit**	11.66	64130	
175	Hydrogen peroxide H2O2 with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)	**10lit**	6410.26	64102.6	
176	Quarterly ammonium compound QAC with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)	**10Lit**	12820.51	64102.55	
177	Methylated spirit with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)	**01lit**	424.52	64102.52	
178	Fetal bovine serum (FBS), Gibco or equivalent with 75-80% expiry, with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)	**2500ml**	2136.75	64102.5	
179	Hepes buffer, Sigma or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)	**500ml**	3205.13	64102.6	
180	10x Minimum Essential Medium Eagle (MODIFIED) with EARLE'S Salts without sodium bicarbonate with L-Glutamine, MP Biomedicals or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)	**500gm**	641.03	64103	
181	Penicillin streptomycin, Sigma or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)	**500ml**	1256.91	64102.41	
182	Amphotericin B, Sigma or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)	**500ml**	1256.91	64102.41	
183	Non-essential Amino Acids, Sigma or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)	**500ml**	64.1	64100	
184	Trypsin 0.25% EDTA 1x (100 ml bottle), Gibco or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)	**500ml**	12820.51	64102.55	
185	Stacking Gel buffer, 0.5 M Tris-HCL buffer, pH 6.8, Sigma, Merck or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**02Lit**	12820.51	64102.55	
186	Resolving Gel buffer, 1.5 M Tris-HCL buffer, pH 8.8, Sigma, Merck or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)	**02Lit**	12820.51	64102.55	
187	Ammonium persulfate with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)	**50Gm**	12820.51	64102.55	
188	Sodium dodecyl sulfate, Sigma, Merck or equivalent with 80%	**02Kg**	1780.63	64102.68	

	expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted				
189	Tris hydrochloride, Sigma, Merck or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)	**02Kg**	12820.51	64102.55	
190	Coommise Brilliant blue G 250, Sigma, Merck or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)	**50Gm**	128.21	64105	
191	Glycine, Sigma, Merck or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)	**02Kg**	12820.51	64102.55	
192	Glycerine, clear, odouless and viscous liquid, 99.5% pure, Sigma, Merck or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**2000ml**	32051.28	64102.56	
193	Acetic acid (glacial) 100%, anhydrous for analysis, Sigma, Merck or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)	**2500ml**	64102.56	64102.56	
194	Methanol, anhydrous for analysis, Sigma, Merck or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)	**2500ml**	641.03	64103	
195	Ethanol, anhydrous for analysis, Sigma, Merck or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**2500ml**	21367.52	64102.56	
196	2-Mercaptoethanol, for molecular biology, 99%, Sigma, Merck or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**250 Ml**	5827.51	64102.61	
01	Bromophenol blue, Sigma, Merck or equivalent with 80% expiry with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)	**50Gm**	32051.28	64102.56	
197	Clinical laboratory reagent water (CLRW), with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted (QCL)	**05lit**	32051.28	64102.56	
198	**Aerobic Bacterial Strain:** Staphylococcus aureus **Specifications:** ATCC6538, CIP 4.83, NCTC 10788, NCIMB 9518, NBRC 13276: Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted (QCL)	**2Nos**	21367.52	64102.56	
199	**Aerobic Bacterial Strain**: Bacillus subtills: **Specifications:** ATCC 6633, CIP 52.62 , NCIMB 8054, NBRC 3134, Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted (QCL)	**2Nos**	64102.56	64102.56	
200	**Aerobic Bacterial Strain** : Pseudomonas aeruginosa **Specifications:** ATCC 9027, NCIMB 8626, CIP 82.118, NBRC 13275, Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted (QCL)	**2Nos**	1282.05	64102.5	
201	**Anaerobic Bacterial Strain**: Clostridium sporogenes **Specifications:** ATTC 19404, CIP 79.3, NCTC 532 or ATCC 11437, NBRC 14293 • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted (QCL)	**2Nos**	64102.56	64102.56	
202	**Fungal Strain:** Candida albicans **Specifications:** ATCC 10231, IP 48.72, NCPF 3179, NBRC 1594 • Certificate of Analysis (COA) with QR code	**2Nos**	64.1	64100	

	authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted (QCL)				
203	**Fungal Strain:** Aspergillus brasiliensis (mold) **Specifications:** ATCC 16404. IP 1431.83, IMI 149007, NBRC 9455 • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted. (QCL)	**2Nos**	64102.56	64102.56	
204	**Product Name: Diphtheria Toxoid (Adsorbed) (4th International Standard)** **Specifications:** • NIBSC Product Code: 07/216 or equivalent • Assigned Potency: 213 International Units (IU) per ampoule • Primary Application: Primary standard for potency assays of adsorbed diphtheria vaccine or calibration of secondary reference materials • Physical Appearance: Freeze-dried powder / Lyophilized residue • Container Type: DIN ampoule with an "easy-open" colored stress point • Net Weight: 0.031 grams per ampoule • Chemical/Antigenic Composition: Approximately 100 Lf of purified diphtheria toxoid, 0.75 mg aluminium phosphate, and 17.5 mg Polygeline (stabilizer) per ampoule • Regulatory Status: Adopted by the WHO Expert Committee on Biological Standardization (ECBS) in October 2009 • Recommended Storage Temp: Store unopened at -20°C (stable at ambient temperature during short-term shipping) • Reconstitution Volume: 1.0 mL of sterile water or 0.9% NaCl (re-suspend complete contents; do not weigh fractions) • Post-Reconstitution Handling: Use on the same day as soon as possible; DO NOT FREEZE after reconstitution • Toxicity/Hazard Status: Non-toxic, non-corrosive, non-oxidizing, non-flammable; handle as a potentially hazardous biological substance • Certificate of Analysis (COA) with QR code authentication or complete import document irascibilities and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted. (QCL)	**03Nos**	641.03	64103	
205	**Product Name: Diphtheria Challenge Toxin (Working Standard / Challenge Material)** **Specification:** • NIBSC Product Reference: Code 12/282 or equivalent • Physical Appearance: Clear, yellowish liquid • Assigned Unitage/Strength: 1 Lf/mL nominal content (calibrated to a specific test dilution of approximately (~2000 LD_{50} /mL) for in vivo lethal challenge assays) • Primary Application: Used as a challenge toxin in animal potency tests (lethal challenge or intradermal tests) for diphtheria vaccines, and as a positive control in cell-based toxicity assays • Chemical/Buffer Composition: Diphtheria toxin in 0.75% peptone buffer (or sterile phosphate buffered saline) • Specific Toxicity: Approximately 80,000 Lr/Lf (minimum cytotoxic dose in Vero cells is ~4 µ Lf/mL) • Container Type: DIN glass ampoule with an easy-open colored stress point • Net Weight / Volume: 1.0 mL liquid per ampoule • Regulatory/Testing Alignment: Prepared and calibrated in accordance with WHO Technical Report Series guidelines and European Pharmacopoeia (Ph. Eur.) specifications for vaccine potency testing • Recommended Storage Temp: Store unopened at +4°C (Do NOT freeze the liquid toxin) • Post-Reconstitution / Dilution Handling: Must be diluted to the target working concentration (~2000 LD_{50} /mL) using sterile saline or specified diluent; use on the day of opening and discard any unused portion • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided	**15Nos**	641.03	64103	

	and repacked material will not be accepted.				
206	**Product Name: Tetanus Toxoid Adsorbed (4th International Standard)** **Specification:** • NIBSC Product Code: 08/218 or equivalent • Assigned Potency (Guinea Pig Assay): 490 International Units (IU) per ampoule • Assigned Potency (Mouse Assay): 260 International Units (IU) per ampoule • Primary Intended Use: Primary biological standard for the calibration of secondary/in-house reference materials and for vaccine potency challenge assays • Physical Formulation: Freeze-dried (lyophilized) powder, formulated 1:1 with polygeline stabilizer • Container Design: DIN glass ampoule featuring an easy-open colored stress point • Fill Volume/Content: 1.0 mL liquid equivalent per ampoule before freeze-drying • Regulatory Endorsement: Formulated and approved under WHO Expert Committee on Biological Standardization (ECBS) guidelines • Shipping & Storage Requirements: Shipped under temperature-controlled conditions; must be stored in the dark at -20°C upon arrival • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted. (QCL)	**03 Nos.**	12820.51	64102.55	
207	**Product Name:** Tetanus Challenge Toxin (Working Standard / Challenge Material) • **NIBSC Product Reference:** Code 14/152 or equivalent • **Physical Appearance:** Lyophilized white powder / freeze-dried residue or clear liquid format • **Assigned Unitage/Strength:** Calibrated to a specific working dilution of approximately (~2000 LD_{50} /mL) for in vivo toxin neutralization / lethal challenge assays • **Primary Application:** Used as the official challenge material in animal potency tests (lethal challenge or paralytic endpoint models) for adsorbed tetanus vaccines, and for the calibration of antitoxins • **Chemical/Buffer Composition:** Purified tetanus toxin stabilized in 1.0% peptone buffer or a phosphate-buffered saline (PBS) matrix containing an appropriate stabilizer (e.g., trehalose or glycine) • **Container Type:** DIN glass ampoule with an easy-open colored stress point to ensure hermetic sealing and long-term stability • **Fill Volume/Net Weight:** 1.0 mL liquid volume equivalent per ampoule before freeze-drying • **Regulatory/Testing Compliance:** Prepared and validated according to the World Health Organization (WHO) Technical Report Series guidelines and European Pharmacopoeia (Ph. Eur.) standards for vaccine batch release • **Recommended Storage Temp:** Store unopened at -20°C (lyophilized form) or +4°C (liquid form) depending on the exact lot variant; protect strictly from light • **Post-Reconstitution / Dilution Handling:** Completely resuspend the ampoule contents in a validated diluent (e.g., 0.9% NaCl with peptone stabilizer). Dilute to the target working concentration (~2000 LD_{50} /mL) on the day of testing and discard any residual solution • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted. (QCL)	**15 Nos.**	12820.51	64102.55	
208	**Product Name: Pertussis Vaccine (Whole Cell) (4th International Standard) for Whole Cell Pertussis Vaccine (wP)** • NIBSC Product Code: 94/532 or equivalent • Assigned Potency: 40 International Units (IU) per ampoule • Primary Application: Standard for the Kendrick mouse intracerebral challenge assay (potency testing) of whole-cell pertussis vaccines • Physical State: Freeze-dried (lyophilized) powder • Composition: Lyophilized residue of 1.0 mL bacterial suspension in phosphate-buffered saline, stabilized with 8% dextran and 5% glucose (equivalent to 150 International Opacity Units prior to freeze-drying) • Container Type: DIN glass ampoule with an easy-open	**03 Nos.**	12820.51	64102.55	

	colored stress point • Regulatory Status: Formally endorsed by the WHO Expert Committee on Biological Standardization (ECBS) • Storage & Shipping: Shipped under temperature-controlled conditions; must be stored long-term at -20°C • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted. (QCL)				
209	**Product Name: International Reference Preparation for Opacity (5th IRP)** **Specifications:** • NIBSC Product Code: 76/522 or equivalent • Assigned Unitage/Value: 10 International Units (IU) of opacity per milliliter equivalent • Primary Application: Standard for direct visual estimation and comparison of the density/opacity of bacterial suspensions (such as whole-cell pertussis or typhoid vaccines) • Physical Format: Solid, durable plastic rod designed to simulate the optical scattering properties of a standard bacterial suspension • Packaging / Components Included: One (1) calibrated plastic rod housed inside a Pyrex glass test tube, supplied alongside two (2) empty, matched companion Pyrex tubes of identical internal diameters for test sample comparison • Methodology Constraint: Intended exclusively for visual comparison by eye; not suitable for automated densitometers or nephelometers (which yield anomalous readings with solid plastic matrices) • Regulatory Endorsement: Defined and officially established by the World Health Organization (WHO) Expert Committee on Biological Standardization (ECBS) • Storage Conditions: Store at controlled room temperature (20°C to 25°C); environmental storage temperatures do not impact the physical stability or opacity calibration of the solid rod • Hazard / Biosafety Status: Non-toxic, non-hazardous, non-flammable, and entirely chemically stable; requires no special containment or biohazard handling procedures • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted (QCL)	**03 Nos.**	12820.51	64102.55	
210	**Name of Product: Lyophilized Bordetella pertussis 18323 (NIBSC Code 23/150) or Equivalent** **Specifications:** • Code: 23/150 (NIBSC) • Dosage Form: Lyophilized (freeze-dried) powder • Nature: Heat-killed whole bacterial cells • Method of Inactivation: 56°C for 30 minutes • Appearance: White/off-white freeze-dried powder • Concentration after Reconstitution: 25 IOU/mL • Reconstitution: Add 1 mL PBS (pH 7.2) • Purity: No growth on general growth media or Bordetella-specific media • Infectivity: Non-infectious • Pathogenicity: Non-pathogenic • Additives: Casamino acids (10 g/L, bovine origin) • Storage (Lyophilized): 2–8°C • Storage (Reconstituted): 4°C • Intended Use: Pertussis Serological Potency Test (PSPT) coating antigen • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted. (QCL)	**06 Nos.**	25641.03	64102.57	
211	**Name of Product: 2% Glutaraldehyde Solution: Sigma or equivalent.** **Specifications:** • Name: Glutaraldehyde Solution • Concentration: 2.0% w/v • Appearance: Clear, colorless to pale yellow liquid • pH: 7.0–8.5 (activated solution) • Solubility: Miscible with water • Microbiological Activity: Sporicidal, bactericidal, fungicidal and virucidal • Storage: 15–30°C, protected from light	**20 Lit.**	25641.03	64102.57	

	• Intended Use: High-level disinfection of medical equipment • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted. (QCL)				
212	**Name of Product: 70% Isopropyl Alcohol (IPA): Sigma or equivalent** **Specifications:** • Name: Isopropyl Alcohol Solution • Concentration: 70% v/v • Appearance: Clear, colorless liquid • Odor: Characteristic alcoholic odor • Specific Gravity: 0.86–0.89 • Microbiological Activity: Bactericidal, fungicidal and virucidal • Storage: Below 30°C, tightly closed • Intended Use: Surface and equipment disinfection Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted. (QCL)	**100 Lit.**	6410.26	64102.6	
213	**Name of Product: 70% Ethyl Alcohol Sigma or equivalent.** **Specifications:** • Name: Ethanol Solution • Concentration: 70% v/v • Appearance: Clear, colorless liquid • Odor: Characteristic alcoholic odor • Specific Gravity: 0.86–0.89 • Microbiological Activity: Bactericidal, fungicidal and virucidal • Storage: Below 30°C, tightly closed • Intended Use: Surface and personnel sanitization • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted. (QCL)	**20 Lit.**	6410.26	64102.6	
214	**Name of Product: 0.5% Sodium Hypochlorite Solution : Sigma or equivalent** **Specifications:** • Name: Sodium Hypochlorite Solution • Concentration: 0.5% w/v Available Chlorine • Appearance: Clear, pale yellow liquid • Odor: Characteristic chlorine odor • pH: 10–13 • Microbiological Activity: Sporicidal, bactericidal, fungicidal and virucidal • Storage: 15–30°C, protected from sunlight • Intended Use: Environmental and biohazard spill disinfection • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted (QCL)	**10 Lit.**	64102.56	64102.56	
215	**Name of Product: Quaternary Ammonium Compound (QAC) Solution Benzalkinium chloride: Sigma or equivalent** **Specifications:** • Name: Quaternary Ammonium Compound Disinfectant • Active Ingredient: Benzalkonium Chloride or equivalent QAC • Concentration: As per manufacturer (commonly 0.1–0.2%) • Appearance: Clear, colorless to pale yellow liquid • pH: 6.0–10.0 • Microbiological Activity: Bactericidal and fungicidal • Storage: 15–30°C • Intended Use: Routine surface disinfection • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be	**20 Lit.**	25.64	64100	

	accepted. (QCL)				
216	**Name of Product: 1% Peptone Water: Sigma or equivalent** **Specifications:** • Concentration: 1.0% w/v Peptone • Composition: Peptone 10 g/L in purified water • Appearance: Clear, light yellow solution • pH: 7.2 ± 0.2 (at 25°C) • Sterility: Sterile, free from microbial contamination • Growth Promotion: Supports growth of non-fastidious microorganisms • Storage: 2–8°C (or as validated by laboratory SOP) • Intended Use: Diluent, enrichment medium, and preparation of microbial suspensions • Microbiological Quality: No visible contamination or turbidity before use • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted (QCL)	**500x10 Grams**	128.21	64105	
217	**Name of Product: *Haemophilus influenzae* type b (Hib) Polysaccharide Polyribosyl Ribitol Phosphate (PRP)** Specifications: • WHO Status: 2nd WHO International Standard NIBSC Code: 12/306 or equivalent • Form: Lyophilized (freeze-dried) powder • Assigned Content: 4.904 ± 0.185 mg PRP per ampoule • Source Material: Hib capsular polysaccharide (PRP) • Appearance: White to off-white lyophilized powder • Moisture Content: Approximately 1.45% • Contents per Ampoule: Freeze-dried PRP in sodium chloride matrix • Intended Use: Calibration and standardization of PRP quantification assays for Hib conjugate vaccines • Applicable Assays: Ribose assay, Phosphorus assay, and HPAEC-PAD assay • Storage Condition: Store at or below –20°C • Container: Sealed glass ampoule • Compliance: WHO International Biological Reference Standard for vaccine quality control and assay calibration Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company COA and MSDS must be provided and repacked material will not be accepted. (QCL)	**03Nos**	128.21	64105	
218	**Name of Product: WHO International Reference Reagent for Diphtheria Antitoxin for use in Flocculation Test (Equine)** Specifications: NIBSC Code: 23/102 or equivalent Technical Specifications (Procurement Purpose) • WHO International Reference Reagent (IRR) for Diphtheria Antitoxin (Equine). • Intended for in vitro Ramon Flocculation (Lf) Test for determination/calibration of diphtheria toxoid antigen content. • Supplied as a freeze-dried (lyophilized) preparation of hyperimmune horse diphtheria antitoxin. • Each ampoule contains the freeze-dried residue of 1.0 mL equine antitoxin preparation. • Produced from horses repeatedly immunized with diphtheria toxoid/toxin followed by $F(ab')_2$ purification. • Material is intended as a reference reagent and not as a calibrant. • No assigned Lf unitage; reagent must be pre-calibrated in-house against WHO International Standard Diphtheria Toxoid for Flocculation Test (NIBSC 13/212). • Nominal diphtheria antitoxin content approximately 1032 IU per ampoule (informational value). • Suitable for quality control and standardization of diphtheria toxoid flocculation assays in vaccine manufacturing and testing laboratories. • Ampoules supplied under WHO/NIBSC reference standard programme. • Recommended storage: −20°C, protected from light. • Material is for laboratory use only and not for administration to humans or animals. • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the	**03Nos**	128.21	64105	

	product company (QCL)				
220	**WHO International Reference Reagent – Tetanus Antitoxin Equine for use in Flocculation Test** **Specifications:** NIBSC Code: 21/230 or equivalent Technical Specifications (Procurement Purpose) • WHO International Reference Reagent (IRR) for Tetanus Antitoxin Equine for use in Flocculation (Lf) Test. • Intended for in vitro Ramon Flocculation (Lf) assay for determination and standardization of tetanus toxoid antigen content. • Supplied as a lyophilized (freeze-dried) preparation of hyperimmune horse tetanus antitoxin. • Produced by repeated immunization of horses with tetanus toxoid/toxin followed by $F(ab')_2$ purification. • Each ampoule contains the freeze-dried residue of 1.0 mL equine tetanus antitoxin. • Intended for use as a reference reagent and not as a calibrant. • No assigned Lf unitage; reagent must be pre-calibrated in-house against WHO International Standard Tetanus Toxoid for use in Flocculation Test (NIBSC 16/302). • Nominal potency approximately 1400 International Units (IU) per ampoule for preparation of assay dilutions. • Suitable for quality control, standardization and calibration of tetanus toxoid flocculation assays in vaccine manufacturing and control laboratories. • Ampoules manufactured and distributed under the WHO/NIBSC Biological Reference Materials Programme. • Recommended storage condition: −20°C, protected from light. • Material is for laboratory use only and is not intended for administration to humans or animals. • Certificate of Analysis (COA) with QR code authentication or complete import document traceability and provider must be the authorized distributor of the product company (QCL)	**03Nos**	128.21	64105	
221	Isopropyl alcohol, Merck or equivalent with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**04 Lit**	128.21	64105	
222	Osmolality Standards (50 , 100, 200, 300, 500 mOsmol/kg) with certificate for Osmotouch1 Instrument with Coolent solution equivalent. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**01 Each**	128.21	64105	
223	Conductivity standard (0.5 , 1.0 , 1.5, 2.0, 5.0, 10 us/cm) with certificate or equivalent with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**01 Each**	32051.28	64102.56	
224	Water HPLC grade, Merck equivalent with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**04 Lit**	32051.28	64102.56	
225	Aluminum reference standard Merck or equivalent with certificates. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**100 Gm.**	1282.05	64102.5	
226	pH standard buffers (pH 4, 7, 10) Merck / sigma with certifications QR-code authentication complete import document traceability Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**01 Each**	32051.28	64102.56	
227	TDS Standard solutions (0.1, 0.5, 1 ,1.5 , 2 ppm) with QR-code authentication Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**01 Each**	32051.28	64102.56	
228	Water for Injection, Thermofischer or Merck, TOC should be <0.1ppm with QR-code authentication completer import document traceability Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**01 Lit**	1282.05	64102.5	
229	Total Protein estimation kit Biuret reagent with standard, calibrators, certificates, SOP etc in mg/dl and gram /dl or equivalent for manual spectrophotometry analysis. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**01 Lit**	32051.28	64102.56	
230	Albumin estimation kit in plasma or serum with standard, calibrators, certificates, controls, SOP etc in mg/dl and gram /dl or equivalent	**01Kg**	32.05	64100	

	for manual spectrophotometry analysis. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)				
231	Globulin estimation kit in plasma or serum with standard, calibrators, certificates, controls, SOP etc in mg/dl and gram /dl or equivalent for manual spectrophotometry analysis. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**01Kg**	25.64	64100	
232	Free Formaldehyde reference standard Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**100 Gm.**	25.64	64100	
233	Thiomersal Reference standard Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**100 Gm.**	25.64	64100	
234	Methanol Gradient grade Merck or equivalent with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**04 Lit**	256.41	64102.5	
235	Kits for gas estimation (CO2 , NO2) in steam. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**02 Kit**	12820.51	64102.55	
236	Sodium Hydroxide Merck or equivalent Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**01 Kg**	32051.28	64102.56	
237	Sodium Hypochlorite Merck or eq. Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**01 Lit**	32051.28	64102.56	
238	Hydrogen peroxide Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**01 Lit**	32051.28	64102.56	
239	Hydrochloric acid Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**04 Lit**	32051.28	64102.56	
240	Calcium carbonate Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**01 Kg**	32051.28	64102.56	
241	0.05 M EDTA solution Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**500 ml**	32051.28	64102.56	
242	Hydroxy Napthol blue Merck or eq. Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**100gm**	21367.52	64102.56	
243	Sodium chloride Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**01Kg**	4273.5	64102.5	
244	Eriochrome Black T or equivalent with or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**100 Gm.**	21367.52	64102.56	
245	Ammonia solution Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**500ml**	4273.5	64102.5	
246	EDTA Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**1Kg**	21367.52	64102.56	
247	Ammonium chloride Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**100 gm.**	21367.52	64102.56	
248	Dithizone solution. Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**01 Lit**	10683.76	64102.56	
249	Ammonium Acetate Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**500 gm.**	3205.13	64102.6	

250	Sulphuric Acid Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**04Lit**	641.03	64103	
251	Glacial Acetic Acid. Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**04Lit**	3205.13	64102.6	
252	Nitric Acid Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**04Lit**	6410.26	64102.6	
253	Sodium Acetate Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**500 gm.**	3205.13	64102.6	
254	PAN Pyridylazonaphtol.Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**100 gm.**	1.28	64012.8	
255	Ethanol Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**04Lit**	21367.52	64102.56	
256	Copper Sulphate Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**01Kg**	21367.52	64102.56	
255	Acetone. Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**04Lit**	21367.52	64102.56	
257	Chloroform Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**04Lit**	16025.64	64102.56	
258	Aluminum phosphate / Aluminum hydroxide Merck or sigma QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**100 ml**	64102.56	64102.56	
259	Disodium edentate Merck with QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**01kg**	64102.56	64102.56	
261	Dulbecco's DMEM (1x) Solution, 500 ml bottle with 75-80% expiry, Sigma, Merck or equivalent (QCL)	**5000 ml**	16025.64	64102.56	
262	Dulbecco's Phosphate buffer saline 1x, Gibco or equivalent, with 75-80% expiry (QCL)	**10ml**	641.03	64103	
263	Anti polio virus serum Type 1 (Neutralizing antiserum) Technical spec Sterile liquid formulation Monospecific against poliovirus type 1 High neutralizing antibody titer Suitable for virus neutralizing assays Sterility tested Endotoxin controlled Storage: -200C or below Shelf life: minimum 12 months upon receipt Lot-specific neutralization titer provided With 75-80% expiry, QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company. COA and MSDS must be provided. Repack material will not be accepted. (QCL)	**5 vials**	64102.56	64102.56	
264	Anti polio virus serum Type 3 (Neutralizing antiserum) Technical spec Sterile liquid formulation specific against poliovirus type 3 No cross neutralization of Type 1 and Type 2 High neutralizing antibody titer Suitable for virus neutralizing assays Sterility tested Endotoxin controlled Storage: -200C or below Shelf life: minimum 12 months upon receipt Lot-specific neutralization titer provided With 75-80% expiry, QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company. COA and MSDS must be provided. Repack material will not be accepted. (QCL)	**5 vials**	64102.56	64102.56	
265	Trypsin-Versene Solution (0.25% trypsin + 0.02% EDTA), Sigma or equivalent with 75-80% expiry, Storage: 2-80C, QR-code authentication or complete import document traceability. Providers	**5 Bottles**	64102.56	64102.56	

	must be the authorized distributor of the product company. COA and MSDS must be provided. Repack material will not be accepted. (QCL)				
266	Evans blue dye, ≥ 75%, sigma, merck or equivalent (QCL)	**50grms**	64102.56	64102.56	
267	Sodium Hypochlorite Solution, Sigma or equivalent with 75-80% expiry, QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company. COA and MSDS must be provided. Repack material will not be accepted. (QCL)	**5 Bottles**	64102.56	64102.56	
268	Anti polio virus serum Mix (Type 1+Type 3) Technical spec Sterile mixture of Type 1 and type 3 antisera Neutralizes poliovirus type 1 and type 3 simultaneously Cell culture grade Suitable for identification of bOPV strains Sterility tested Endotoxin controlled Storage: -200C or below Shelf life: minimum 12 months upon receipt Lot-specific neutralization titer provided WHO/NIBSC reference material preferred With 75-80% expiry, QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company. COA and MSDS must be provided. Repack material will not be accepted. (QCL)	**5 vials**	64102.56	64102.56	
269	Anti polio virus serum Mix (Type 1+2+3) Technical spec Trivalent Poliovirus Antiserum Contains Neutralizing Antibodies against all three Sabin poliovirus serotypes Suitable for complete virus neutralization during OPV potency testing Sterile Storage: -200C or below Shelf life: minimum 12 months upon receipt Lot-specific neutralization titer provided ith 75-80% expiry, QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company. COA and MSDS must be provided. Repack material will not be accepted. (QCL)	**5 vials**	641.03	64103	
270	HBsAg ELISA Kit (Wantai Biopharm or equivalent) 1.1 Scope of Supply Supplier shall provide HBsAg Quantitative ELISA Kit for in vitro relative potency testing of Hepatitis B vaccine. Kit must be validated for parallel-line assay vs WHO reference standard. Compatible with Crocodile 5-in-one ELISA Mini Workstation or equivalent 96-well reader. 1.2 Regulatory Compliance Must comply with WHO TRS 926 Annex 2: Guidelines for in vitro potency assays of Hepatitis B vaccines. Reference standard traceable to WHO NIBSC 00/588 or 12/226. Kit CoA + stability data required. GMP compliant, CE/ISO 13485. 1.3 Assay Technology / Method Sandwich ELISA with 4-parameter logistic curve. Principle: Sample + Reference HBsAg compete/bind to monoclonal capture Ab. HRP-TMB detection. OD measured at 450nm/630nm. Paste your method details here: e.g. coating Ab, incubation 2h @37°C, wash 4x, substrate 15min @RT, stop 1N H2SO4 1.4 Technical Specifications Assay Type: Quantitative sandwich ELISA for HBsAg Measurand: Relative potency IU/dose vs WHO reference Working Range: 0.1 – 10 IU/mL after sample dilution Sensitivity: LOD ≤0.05 IU/mL Precision: Intra-plate CV ≤10%, Inter-plate CV ≤15% Accuracy: 80-125% recovery of spiked HBsAg Linearity/Parallelism: Slope ratio sample/ref = 0.8 to 1.25 Specificity: No interference from Al(OH)3 adjuvant, thimerosal Controls: Kit controls + external controls listed below Plate Format: 96-well, breakable strips, pre-coated 1.5 Controls Required Positive Control: Provided in kit + WHO International Standard HBsAg ad/ay, NIBSC 00/588. Use as 100% potency reference. Run 6-point curve. Negative Control: Kit negative serum + Vaccine matrix blank/placebo without HBsAg. Checks non-specific binding from adjuvant. In-house Reference: Qualified vaccine bulk lot assigned potency vs WHO standard. Used as system suitability control each run. 1.6 Performance Requirements Assay must meet USP <1033> Biological Assay Validation. Acceptance: %GCV of ED50 ≤20%, regression p<0.05, non-linearity p>0.05. Result expressed as IU/dose with 95% confidence limits. 1.7 Validation & Qualifications Supplier provides: Kit validation report per ICH Q2(R1), CoA, stability. User/Lab performs: Method transfer IQ/OQ/PQ on Crocodile reader	**03Nos**	641.03	64103	

	+ kit qualification with 3 runs using WHO standard. 1.8 Accessories Wash buffer 20x, sample diluent, TMB substrate, stop solution, plate sealer, 6-point calibrator set. 1.9 Warranty & Supplier Terms Shelf life: 12 months @2-8°C from mfg date. Cold chain delivery to Islamabad. Technical support for method transfer included. Replacement for damaged kits. With 75-80% expiry, QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company. COA and MSDS must be provided. Repack material will not be accepted. (QCL)				
271	Bovine Serum Albumin (BSA), sigma, Merck or equivalent with 75-80% expiry, QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company. COA and MSDS must be provided. Repack material will not be accepted. (QCL)	**500Gm**	16025.64	64102.56	
272	Di-ethanolamine (DEA), Gibco or equivalent with 75-80% expiry, QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company. COA and MSDS must be provided. Repack material will not be accepted. (QCL)	**10lit**	32051.28	64102.56	
273	Triton X-100, Sigma or equivalent with 75-80% expiry, QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company. COA and MSDS must be provided. Repack material will not be accepted. (QCL)	**10lit**	64102.56	64102.56	
274	Potassium Di-hydrogen phosphate, Sigma or equivalent with 75-80% expiry, QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company. COA and MSDS must be provided. Repack material will not be accepted. (QCL)	**5Kg**	64102.56	64102.56	
275	Di-potassium hydrogen phosphate, Sigma or equivalent with 75-80% expiry, QR-code authentication or complete import document traceability. Providers must be the authorized distributor of the product company. COA and MSDS must be provided. Repack material will not be accepted. (QCL)	**5 Kg**	64102.56	64102.56	
276	Spordex strips: Biological Indicators (BI) for validation of Dry heat sterilizers. Species: Bacillus atrophaeus single species E6 Mean population recovery: 1.0 x10° to 5.0 x 106 cfu/strips. Long expiry. Bacillus atrophaeus (formerly Bacillus subtilis var.niger, ATCC 9372 or NRRL B-4418 100/PkgProcess Indicator Type: spore strips Product Type: Chemical Indicator Spore Strip Length: 4"Strip Packaging Location: Internal Providers must be the authorized distributor of the product company COA and MSDS must be provided Repack material will not be accepted. (QCL)	**5**			
277	LAL kit (Gel clot method): Lysate reagent sensitivity: (0.25 EU/ML) WAKO/Cape Cod/Lonza/ all materials should be of same manufacturer to avoid incompatibility and interference. (QCL)				
278	Control Standard Endotoxin (CSE) wako/capecod/lonza 0.5 ug/vial (QCL)	**40**			
279	Pyrogen free test tubes WAKO/Cape Cod/Lonza all materials should be of same manufacturer to avoid incompatibility and interference. (QCL)	**49**			
280	LAL reagent water (LRW): WAKO/Cape Cod/Lonza all materials should be of same manufacturer to avoid incompatibility and interference (QCL)	**40**			
281	Control Standard Endotoxin For DHS (Oven Validation), purified extract of E. coli O113:H10 Volume: 125ug/vial: Storage life: 12 weeks after reconstitution: Shelf life: 3 years cape cod/wako/lonza or equivalent (QCL	**50**			
282	ELISA Kit fw Immunoglobulin (4) Igh CAT: UCEAS44E9	**15**			

No. of quoted items Value of quoted items Fix E/Money

Signature of authorized person:_____
Seal of Company/firm:_____
Date:_____
Phone No._____
Mobile No._____
Fax No._____

NATIONAL INSTITUTE OF HEALTH ISLAMABAD

Sealed tenders are invited for the **purchase of Chemicals/Media etc. for DC&TMD & QCL on F.O.R, N.I.H Islamabad basis on Single Stage Two Envelope Procedure Basis** as per attached Tender Enquiry, **due on 27.10.2026 at 11.00 a.m.** The tender will be opened on the same day at 11.30 a.m. in the Conference Room of this Institute. No tender will be considered after due date and time, unsealed tenders will not be accepted.

TERMS & CONDITIONS:

1. All the tenderers are required to enclose a Bank draft/Call deposit of fix as earnest money amounting to Rs.500,000/- (Rupees five hundred thousand only) (Refundable) in the name of Executive Director, NIH, Islamabad **(TO BE SUBMITTED IN THE OFFICE OF DIRECTOR (P&P) OF THIS INSTITUTE BEFORE CLOSING TIME)**. No other negotiable document except Bank draft/ Call deposit will be accepted. Previous security will not be considered for this tender. Any firm/bidder who does not submit the fix earnest money in the shape of bank draft/call deposit before closing time, their bid will not be considered.

2. The successful bidder will have to deposit 5% of the total cost of the items for which supply is being issued as security money within a week after issuance of the letter of intent. If the bidder fails to deposit 5% security money within the stipulated period, then the fix earnest money already deposited will be forfeited to NIH account and the supply order will not be issued. The 5% security money will be forfeited if the tender is accepted and supply is not completed within the stipulated period given in the supply order. The supply order will be placed upon the successful bidder/contractor after completion of all the codal formalities.

3. The Chief Executive Officer, NIH is not bound to purchase all the items in full quantity of any item mentioned in the tender form. He may issue supply order either for less or more quantity as per requirement of the concerned department.

4. The following documents should be provided along with the tender.

    a. GST Registration of the Firm.
    b. NTN Registration of the Firm.
    c. Active Payer List (ATL) GST & Income Tax must be provided.

5. The supplier/contractor shall have to obey all the instructions issued to him from time to time by the Chief Executive, NIH, Islamabad or his authorized officer in connection with supply of contract items.

6. The Chief Executive Officer, NIH is the final authority to decide any dispute and problem if any during contract period and thereafter, the decision of the Chief Executive Officer shall be final and binding on the supplier/contractor.

7. Quoted rates must be inclusive of GST. In case of any escalation in rates of the item(s) during the period of contract, NIH, Islamabad will not be liable on this account and the contractor is bound to complete the supply in any case.

8. Any other clarification, if required, can be obtained from Purchase & Procurement Department of this Institute. Conditional or incomplete tenders will not be accepted. Successful bidder will have to supply pre-shipment sample of items for evaluation if required.

9. All the bidders are directed to please provide the brochures/leaflet/technical information, brand name, catalogue number and company name of Equipment/ Items which is being quoted. Containing complete specifications. The rates should be quoted for the given specification. The alternate specification given by the supplier will not be considered. The tender of those bidders whose rates are found un-realistic will not be considered.

10. All supply must be completed by the specific date given in the supply order. The bidder should clearly mention the time period for completion of the supply in their quotation, so that supply order could be issued accordingly.

11. Sufficient time will be given in the supply orders for importable items as per PPRA rules 2004 amended from time to time. The supplier is bound to complete the supply within stipulated period. After completion of time period in supply order 1st reminder with 15 days period will be issued to supplier/contractor to complete supply. After 15 days a 2nd reminder with 07 days period will be issued to supplier/contractor to complete supply. After completion of this time security money of supplier/contractor will be forfeited and firm will be **Black Listed** to take part in the tender competition for supply to NIH in future. This action will be publicized for general awareness of the Government and Semi-Government Departments.

12. Supply shall be accepted subject to the inspection and acceptance by the concerned department/inspection authority. Where consider necessary by the user department the store may be obtained on warranty/guarantee subject to inspection on receipt. Rejected store will be removed and replaced with the acceptable store by the supplier at his own expenses within a specified time. The rejected store shall be removed from ware house within 07 days by the supplier failing which the NIH management reserves the right to dispose of the same in addition to charge ware house rent on per day basis which will be fixed by CEO, NIH.

13. The bidder must note that from specification/material of chemicals, if any reference to a particular brand is being generated, it is intended to be descriptive only and not restrictive.

14. In case failure to complete the Supply/Work order will be cancelled with forfeiture of 5% security money and in case of non-depositing of 5% security money, the security letter will be cancelled with forfeiture of fix earnest money. The case will also be put to PPRA for **BLACK LISTING** to take part in the tender competition for supply of store to NIH in future. This action will be publicized for general awareness of other Government and Semi-Government Departments/PPRA website.

15. All the bidders are informed that in future no extension will be granted to bidders and also directed that the bidder must mention the required delivery period in his quotation.

16. The delivery time will be given to the bidders for four weeks for local delivery and twelve weeks for importable items which will only be given to those bidders, who will mention the required delivery period in their quotation at the time of submitting of quotation for tendering process, failing which bid will not be considered.

17. All the bidders are informed that according to Section-3 S.No. 22A (b) contained in Schedule-1 to Stamp Act-1899 regarding procurement of store and material, in case of agreement made or entered in to by a contractor agency or organization set up or controlled by the federal or the Provincial Govt. Stamp Duty @ Rupees twenty five paisa for every one hundred rupees or part thereof of the amount by the Finance Division of this Institute.

18. Contract will be made on Stamp Paper (no-judicial) for Rs.100/- only beyond the amount of Rs.10.00 million or technicality involved.

19. If the bidder fails to supply/complete the work within stipulated time period, then 1% demurrage charges monthly will be deducted from their bill.

20. All the bidders are directed to provide the proof of (No. of impurities in COA) with QR-code authentication or complete import document traceability. Providers must be the authorized Distributor of the Product Company COA and MSDS must be provided as well as Repack material will not be accepted.

21. A copy of terms and conditions of the tender, duly accepted/signed by the bidder must also be uploaded on EPADS.

22. The bidder will have to declare in advance any conflict of interest in the form of any relationship or relative working in NIH.

23. The Competent Authority, Islamabad reserves the right to accept or reject any tender/all tenders without assigning any reason thereof.

24. **All firms are directed to quote their bids/rates on online portal EPADS new version 2.0 as well as original CDR must be submitted in hard form in Purchase and Procurement department before closing time, otherwise bid will not be entertained. Contractor must be registered with PPRA EPADS portal new version 2.0.**

Director
Purchase & Procurement

ACCEPTANCE CERTIFICATE BY THE BIDDER

We have read the contents of the terms and conditions (from S.No.1-27) carefully for participating in the tender of NIH Islamabad and accepted & agreed to abide by all terms and conditions prescribed above in case our tender is accepted.

Date: _____
Place: _____
Signature of Tenderer:_____
Address:_____
Seal of firm:_____
Phone No.:_____
Fax No.:_____
Mobile No.:_____

PUBLIC PROCUREMENT REGULATORY AUTHORITY
(PPRA)
EPADS

TECHNICAL EVALUATION CRITERION FOR PURCHASE OF CHEMICALS

S. No.	Criterion	Points
1	The bidder/vendor must be an authorized distributor/importer of the manufacturer for the item(s)/product(s) being offered in Pakistan. The bidder/vendor must submit a valid, current Authorization Letter/Certificate of Authorization issued directly by the original manufacturer (or its regional/global principal), and this proof must be verifiable and traceable directly with the issuing manufacturer.	30
2	The bidder/vendor must provide complete and original documentation for each item/product, including a batch/lot-specific Certificate of Analysis (COA) issued by the manufacturer, Safety Data Sheet (SDS/MSDS), and Technical Dossier. All documents must bear the manufacturer's original letterhead/seal and must be verifiable and traceable directly with the issuing authority.	20
3	The bidder/vendor must provide shipping documents for each product/chemical which should be verifiable and traceable. However, the bidder/vendor may provide one shipping document for multiple products/items if the shipment of all these chemicals was made at once.	5
4	Each chemical/item must be verifiable and traceable to Manufacturer's databases though QR code, Bar code, ID or any other mechanism as specified in international guidelines.	20
5	The date of manufacture of each chemical/item should not be before June 2026.	5
6	Each chemical/item must be properly labeled, showing batch/lot number, manufacturing date, expiry date (if applicable) and hazard pictograms as applicable, and should be provided with manufacturer's recommended storage and handling conditions.	5
7	The country of origin for each chemical/item must be a country recognized as per ML4, and may be a country in European Union, United Kingdom, USA, Canada, Japan, and Switzerland.	5
8	Each chemical/item must be supplied in its original, unopened, tamper-evident packaging as sealed by the manufacturer. Repacked, relabeled, decanted, or aliquoted chemicals shall not be accepted.	5
9	The bidder/vendor must submit a signed affidavit/undertaking, on judicial stamp paper, confirming that it has not been blacklisted, debarred, or penalized for supply of substandard/spurious/counterfeit chemicals by any government, semi-government, autonomous body, or regulatory authority in Pakistan or abroad.	2
10	The bidder/vendor must provide the name, designation, and direct contact details (email/phone) of the manufacturer's authorized representative, for verification of authenticity, technical queries, and after-sales support.	3
A	Total Marks	100
B	Qualification Marks for Financial Evaluation	75

Note	Any bidder/vendor who fails to comply with all requirements mentioned in a clause will be awarded zero (0) score. Submission of any false, forged, or unverifiable document/declaration shall render the bidder/vendor liable to immediate disqualification and blacklisting, and the procuring authority reserves the right to verify authenticity of any document directly with the issuing manufacturer/authority at any stage, including after contract award.

Tanveer Ahmed Khan **(SSO)**	**Fawad Shabbir** **(SSO)**	**Tanveer Akhtar** **(SSO)**

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS