

REPUBLIC OF THE PHILIPPINES QUEZON CITY GOVERNMENT BIDS AND AWARDS COMMITTEE – GOODS AND SERVICES



**PHILIPPINE BIDDING DOCUMENTS** 

(As Harmonized with Development Partners)

# PROCUREMENT OF VARIOUS REAGENTS AND CONSUMABLES

PROJECT NO. QCGH-22-MSLI-799

Government of the Republic of the Philippines

Sixth Edition July 2020

# Preface

These Philippine Bidding Documents (PBDs) for the procurement of Goods through Competitive Bidding have been prepared by the Government of the Philippines for use by any branch, constitutional commission or office, agency, department, bureau, office, or instrumentality of the Government of the Philippines, National Government Agencies, including Government-Owned and/or Controlled Corporations, Government Financing Institutions, State Universities and Colleges, and Local Government Unit. The procedures and practices presented in this document have been developed through broad experience, and are for mandatory use in projects that are financed in whole or in part by the Government of the Philippines or any foreign government/foreign or international financing institution in accordance with the provisions of the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184.

The Bidding Documents shall clearly and adequately define, among others: (i) the objectives, scope, and expected outputs and/or results of the proposed contract or Framework Agreement, as the case may be; (ii) the eligibility requirements of Bidders; (iii) the expected contract or Framework Agreement duration, the estimated quantity in the case of procurement of goods, delivery schedule and/or time frame; and (iv) the obligations, duties, and/or functions of the winning bidder.

Care should be taken to check the relevance of the provisions of the PBDs against the requirements of the specific Goods to be procured. If duplication of a subject is inevitable in other sections of the document prepared by the Procuring Entity, care must be exercised to avoid contradictions between clauses dealing with the same matter.

Moreover, each section is prepared with notes intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They shall not be included in the final documents. The following general directions should be observed when using the documents:

- a. All the documents listed in the Table of Contents are normally required for the procurement of Goods. However, they should be adapted as necessary to the circumstances of the particular Procurement Project.
- b. Specific details, such as the "*name of the Procuring Entity*" and "*address for bid submission*," should be furnished in the Instructions to Bidders, Bid Data Sheet, and Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- c. This Preface and the footnotes or notes in italics included in the Invitation to Bid, Bid Data Sheet, General Conditions of Contract, Special Conditions of Contract, Schedule of Requirements, and Specifications are not part of the text of the final document, although they contain instructions that the Procuring Entity should strictly follow.
- d. The cover should be modified as required to identify the Bidding Documents as to the Procurement Project, Project Identification Number, and Procuring Entity, in addition to the date of issue.

- e. Modifications for specific Procurement Project details should be provided in the Special Conditions of Contract as amendments to the Conditions of Contract. For easy completion, whenever reference has to be made to specific clauses in the Bid Data Sheet or Special Conditions of Contract, these terms shall be printed in bold typeface on Sections I (Instructions to Bidders) and III (General Conditions of Contract), respectively.
- f. For guidelines on the use of Bidding Forms and the procurement of Foreign-Assisted Projects, these will be covered by a separate issuance of the Government Procurement Policy Board.

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# Glossary of Acronyms, Terms, and Abbreviations

**ABC** – Approved Budget for the Contract.

BAC – Bids and Awards Committee.

**Bid** – A signed offer or proposal to undertake a contract submitted by a bidder in response to and in consonance with the requirements of the bidding documents. Also referred to as *Proposal* and *Tender*. (2016 revised IRR, Section 5[c])

**Bidder** – Refers to a contractor, manufacturer, supplier, distributor and/or consultant who submits a bid in response to the requirements of the Bidding Documents. (2016 revised IRR, Section 5[d])

**Bidding Documents** – The documents issued by the Procuring Entity as the bases for bids, furnishing all information necessary for a prospective bidder to prepare a bid for the Goods, Infrastructure Projects, and/or Consulting Services required by the Procuring Entity. (2016 revised IRR, Section 5[e])

**BIR** – Bureau of Internal Revenue.

**BSP** – Bangko Sentral ng Pilipinas.

**Consulting Services** – Refer to services for Infrastructure Projects and other types of projects or activities of the GOP requiring adequate external technical and professional expertise that are beyond the capability and/or capacity of the GOP to undertake such as, but not limited to: (i) advisory and review services; (ii) pre-investment or feasibility studies; (iii) design; (iv) construction supervision; (v) management and related services; and (vi) other technical services or special studies. (2016 revised IRR, Section 5[i])

CDA - Cooperative Development Authority.

**Contract** – Refers to the agreement entered into between the Procuring Entity and the Supplier or Manufacturer or Distributor or Service Provider for procurement of Goods and Services; Contractor for Procurement of Infrastructure Projects; or Consultant or Consulting Firm for Procurement of Consulting Services; as the case may be, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

**CIF** – Cost Insurance and Freight.

**CIP** – Carriage and Insurance Paid.

- **CPI** Consumer Price Index.
- DDP Refers to the quoted price of the Goods, which means "delivered duty paid."

**DTI** – Department of Trade and Industry.

**EXW** – Ex works.

FCA – "Free Carrier" shipping point.

**FOB** – "Free on Board" shipping point.

**Foreign-funded Procurement or Foreign-Assisted Project**– Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

**Framework Agreement** – Refers to a written agreement between a procuring entity and a supplier or service provider that identifies the terms and conditions, under which specific purchases, otherwise known as "Call-Offs," are made for the duration of the agreement. It is in the nature of an option contract between the procuring entity and the bidder(s) granting the procuring entity the option to either place an order for any of the goods or services identified in the Framework Agreement List or not buy at all, within a minimum period of one (1) year to a maximum period of three (3) years. (GPPB Resolution No. 27-2019)

GFI – Government Financial Institution.

GOCC – Government-owned and/or –controlled corporation.

**Goods** – Refer to all items, supplies, materials and general support services, except Consulting Services and Infrastructure Projects, which may be needed in the transaction of public businesses or in the pursuit of any government undertaking, project or activity, whether in the nature of equipment, furniture, stationery, materials for construction, or personal property of any kind, including non-personal or contractual services such as the repair and maintenance of equipment and furniture, as well as trucking, hauling, janitorial, security, and related or analogous services, as well as procurement of materials and supplies provided by the Procuring Entity for such services. The term "related" or "analogous services" shall include, but is not limited to, lease or purchase of office space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

**GOP** – Government of the Philippines.

**GPPB** – Government Procurement Policy Board.

**INCOTERMS** – International Commercial Terms.

**Infrastructure Projects** – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

**LGUs** – Local Government Units.

**NFCC** – Net Financial Contracting Capacity.

NGA – National Government Agency.

**PhilGEPS -** Philippine Government Electronic Procurement System.

**Procurement Project** – refers to a specific or identified procurement covering goods, infrastructure project or consulting services. A Procurement Project shall be described, detailed, and scheduled in the Project Procurement Management Plan prepared by the agency

which shall be consolidated in the procuring entity's Annual Procurement Plan. (GPPB Circular No. 06-2019 dated 17 July 2019)

**PSA** – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

**SLCC** – Single Largest Completed Contract.

**Supplier** – refers to a citizen, or any corporate body or commercial company duly organized and registered under the laws where it is established, habitually established in business and engaged in the manufacture or sale of the merchandise or performance of the general services covered by his bid. (Item 3.8 of GPPB Resolution No. 13-2019, dated 23 May 2019). Supplier as used in these Bidding Documents may likewise refer to a distributor, manufacturer, contractor, or consultant.

UN – United Nations.

# Notes on the Invitation to Bid

The Invitation to Bid (IB) provides information that enables potential Bidders to decide whether to participate in the procurement at hand. The IB shall be posted in accordance with Section 21.2 of the 2016 revised IRR of RA No. 9184.

Apart from the essential items listed in the Bidding Documents, the IB should also indicate the following:

- a. The date of availability of the Bidding Documents, which shall be from the time the IB is first advertised/posted until the deadline for the submission and receipt of bids;
- b. The place where the Bidding Documents may be acquired or the website where it may be downloaded;
- c. The deadline for the submission and receipt of bids; and
- d. Any important bid evaluation criteria (*e.g.*, the application of a margin of preference in bid evaluation).

The IB should be incorporated in the Bidding Documents. The information contained in the IB must conform to the Bidding Documents and in particular to the relevant information in the Bid Data Sheet.



#### **QUEZON CITY GOVERNMENT** BAC – GOODS AND SERVICES



### **INVITATION TO BID**

June 27, 2022

	P.R. / PROJECT NO.	OFFICE	PROJECT NAME	AMOUNT	SOURCE OF FUND	DELIVERY PERIOD
1	QCGH-22-MSLI-799	QUEZON CITY GENERAL HOSPITAL	VARIOUS REAGENTS AND CONSUMABLES	P 26,661,201.28	GENERAL FUND	60 CD
2	NDC-22-SOP-649	NOVALICHES DISTRICT CENTER	RAINCOAT AND OTHERS	P 635,105.55	GENERAL FUND	30 CD
3	CON50-22-APP-980	VARIOUS OFFICES (NOVALICHES DISTRICT CENTER/AMORANTO SPORTS COMPLEX / QUEZON CITY HEALTH DEPARTMENT)	STAND FAN AND OTHERS	P 514,440.00	GENERAL FUND	30 CD
4	CONSO-22- FURNITURE-966	VARIOUS OFFICES (OCM (PERSONS WITH DISABILITY AFFAIRS OFFICE/ PUBLIC AFFAIRS AND INFORMATION SERVICE DEPARTMENT)	VARIOUS FURNITURE (CABINET AND OTHERS)	P 249,955.00	GENERAL FUND	30 CD
5	RMBGH-22-LS-961	ROSARIO MACLANG BAUTISTA GENERAL HOSPITAL	LAUNDRY SERVICE	P 2,499,891.00	GENERAL FUND	5 MONTHS
6	OCM(QCDRRMO)-22- JS2-762	OCM (QUEZON CITY DISASTER REDUCTION AND MANAGEMENT OFFICE)	VARIOUS SUPPLIES (TRASH BAG AND OTHERS)	P 1,611,990.98	GENERAL FUND	30 CD
7	OCM(QCDRRMO)-22- OSD-763	OCM (QUEZON CITY DISASTER REDUCTION AND MANAGEMENT OFFICE)	VARIOUS OFFICE SUPPLIES (CLIP AND OTHERS)	P 1,590,596.49	GENERAL FUND	30 CD
8	QCU-22-1T-771B	QUEZON CITY UNIVERSITY	SUPPLY, DELIVERY, AND COMMISSIONING OF A CLOUD- BASED ACCOUNTING INFORMATION SYSTEM AND AUDITING IN CIS ENVIRONMENT SOFTWARES FOR ACADEMIC PURPOSES FOR THE BACHELOR OF SCIENCE IN ACCOUNTANCY STUDENTS OF THE QUEZON CITY UNIVERSITY	P 500,000.60	GENERAL FUND	15 CD
9	CON50-22-5G-878B	VARIOUS OFFICES: (AMORANTO SPORTS COMPLEX/ OCM (PERSONS WITH DISABILITY AFFAIRS OFFICE)	BASKETBALL NET AND OTHERS	P 187,420.00	GENERAL FUND	30 CD
10	CON50-22-0E-906B	SCHOOLS DIVISION OFFICE/ QUEZON CITY YOUTH DEVELOPMENT OFFICE/ AMORANTO SPORTS COMPLEX	PHOTOCOPIER MACHINE AND OTHERS	P 554,537.00	GENERAL FUND	30 CD
11	CONSO-22-HCS-900B	CITY GENERAL SERVICES DEPARTMENT	VARIOUS HARDWARE SUPPLIES AND OTHERS	P 1,373,275.92	GENERAL FUND	30 CD

- 1. The QUEZON CITY LOCAL GOVERNMENT, through the General Fund of various years intends to apply the sums stated above being the ABC to payments under the contract for the above stated projects of contract for each lot/item. Bids received in excess of the ABC shall be automatically rejected at bid opening.
- 2. The *QUEZON CITY LOCAL GOVERNMENT* now invites bids for various *Projects*. Delivery of the Goods is required *as stated above*. Bidders should have completed, within *the last three (3) years* from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. Instructions to Bidders.
- 3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

IB FOR JULY 18, 2022

- a. Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.
- Prospective Bidders may obtain further information from QUEZON CITY GOVERNMENT Bids and Awards Committee (BAC) Secretariat and inspect the Bidding Documents at the address given below during weekdays from 8:00 a.m. - 5:00 p.m.
- 5. A complete set of Bidding Documents may be acquired by interested Bidders on *Tuesday, June 28, 2022* from the given address and website(s) below *and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB.* The Procuring Entity shall allow the bidder to present its proof of payment for the fees *in person.*

#### STANDARD RATES:

Approved Budget for the Contract	Maximum Cost of Bidding Documents (in Philippine Peso)
500,000 and below	500.00
More than 500,000 up to 1 Million	1,000.00
More than 1 Million up to 5 Million	5,000.00
More than 5 Million up to 10 Million	10,000.00
More than 10 Million up to 50 Million	25,000.00
More than 50 Million up to 500 Million	50,000.00
More than 500 Million	75,000.00

The following are the requirements for purchase of Bidding Documents;

- 1. PhilGEPS Registration Certificate (Platinum 3 pages)
- 2. Document Request List (DRL)
- Authorization to Purchase Bidding Documents
   3.1 Corporate Secretary Certificate for corporation (specific for the project)
   3.2 Special Power of Attorney for single proprietorship (specific for the project)
- 4. Notarized Joint Venture Agreement (as applicable)
- 6. The Quezon City Local Government will hold a Pre-Bid Conference on 10:30 A.M. of Tuesday, July 05, 2022 at 2<sup>nd</sup> Floor, Procurement Department-Bidding Room, Finance Building, Quezon City Hall Compound, and/or through video conferencing via Zoom which shall be open to prospective bidders.

Topic: BAC-GOODS Pre Bid Conference Meeting Join Zoom Meeting https://us02web.zoom.us/j/84835002246?pwd=OVRuVE0weXZMNXYwZG5LaWd1dXk1QT09

Meeting ID: 848 3500 2246 Passcode: 154733

- 7. Bids must be duly received by the BAC Secretariat through manual submission at the 2<sup>nd</sup> Floor, Procurement Department, Finance Building, Quezon City Hall Compound on or before 11:00 A.M. of **Monday, July 18, 2022.** Late bids shall not be accepted.
- 8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.
- 9. Bid opening shall be on 1:00 P.M. of Monday, July 18, 2022 at the given address below and/or via Zoom. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity. Topic: BAC-GOODS & SERVICES BIDDING Join Zoom Meeting

https://us02web.zoom.us/j/85850855933?pwd=R2dZUUp4Z31yU29iZGV1WmdKRjZCdz09

Meeting ID: 858 5085 5933 Passcode: 118682 The *Quezon City Local Government* reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.

11. For further information, please refer to:

10.

ATTY. DOMINIC B. GARCIA OIC, Procurement Department 2<sup>nd</sup> Floor, Procurement Department, Finance Building, Quezon City Hall Compound Elliptical Road, Barangay Central Diliman, Quezon City. Email Add: <u>bacgoods.procurement@quezoncity.gov.ph</u> Tel. No. (02)8988-4242 loc. 8506/8710 Website: <u>www.quezoncity.gov.ph</u>

12. You may visit the following websites:

For downloading of Bidding Documents: www.quezoncity.gov.ph

By:

RITA T) SANTOS MA. MA Chairperson, QC-BAC-Goods and Services

### Notes on the Instructions to Bidders

This Section on the Instruction to Bidders (ITB) provides the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Entity. It also provides information on bid submission, eligibility check, opening and evaluation of bids, post-qualification, and on the award of contract.

#### 1. Scope of Bid

The Procuring Entity, **Quezon City Local Government** *wishes* to receive Bids for the **PROCUREMENT OF VARIOUS REAGENTS AND CONSUMABLES** with identification number **QCGH-22-MSLI-799.** 

[Note: The Project Identification Number is assigned by the Procuring Entity based on its own coding scheme and is not the same as the PhilGEPS reference number, which is generated after the posting of the bid opportunity on the PhilGEPS website.]

The Procurement Project (referred to herein as "Project") is composed of **Two Hundred Thirty-One (231)** *items*, the details of which are described in Section VII (Technical Specifications).

#### 2. Funding Information

- 2.1. The GOP through the source of funding as indicated below for 2022 in the amount of TWENTY SIX MILLION SIX HUNDRED SIXTY ONE THOUSAND TWO HUNDRED ONE PESOS AND 28/100 ONLY (Php26,661,201.28).
- 2.2. The source of funding is:
  - *a.* LGUs, the Annual or Supplemental Budget, as approved by the Sanggunian.

#### **3.** Bidding Requirements

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manuals and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or **IB** by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have verified and accepted the general requirements of this Project, including other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

#### 4. Corrupt, Fraudulent, Collusive, and Coercive Practices

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex "I" of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

#### 5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. Foreign ownership exceeding those allowed under the rules may participate pursuant to:
  - i. When a Treaty or International or Executive Agreement as provided in Section 4 of the RA No. 9184 and its 2016 revised IRR allow foreign bidders to participate;
  - ii. Citizens, corporations, or associations of a country, included in the list issued by the GPPB, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;
  - iii. When the Goods sought to be procured are not available from local suppliers; or
  - iv. When there is a need to prevent situations that defeat competition or restrain trade.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:
  - a. For the procurement of Expendable Supplies: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least twenty-five percent (25%) of the ABC.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

#### 6. Origin of Goods

There is no restriction on the origin of goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN, subject to Domestic Preference requirements under **ITB** Clause 18.

#### 7. Subcontracts

7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than twenty percent (20%) of the Project.

The Procuring Entity has prescribed that: Subcontracting is not allowed.

#### 8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address and/or through videoconferencing as indicated in paragraph 6 of the **IB**.

#### 9. Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

#### 10. Documents comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in Section VIII (Checklist of Technical and Financial Documents).
- 10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within *the last three (3) years* prior to the deadline for the submission and receipt of bids.
- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an Apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

#### 11. Documents comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in Section VIII (Checklist of Technical and Financial Documents).
- 11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.
- 11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

#### 12. Bid Prices

- **VI.1.** Prices indicated on the Price Schedule shall be entered separately in the following manner:
  - a. For Goods offered from within the Procuring Entity's country:
    - i. The price of the Goods quoted EXW (ex-works, ex-factory, exwarehouse, ex-showroom, or off-the-shelf, as applicable);
    - ii. The cost of all customs duties and sales and other taxes already paid or payable;
    - iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
    - iv. The price of other (incidental) services, if any, listed in e.
  - b. For Goods offered from abroad:
    - i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.
    - ii. The price of other (incidental) services, if any, as listed in **Section VII (Technical Specifications).**

#### **13. Bid and Payment Currencies**

- 13.1. For Goods that the Bidder will supply from outside the Philippines, the bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies, shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.
- 13.2. Payment of the contract price shall be made in:
  - a. Philippine Pesos.

#### 14. Bid Security

14.1. The Bidder shall submit a Bid Securing Declaration<sup>1</sup> or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.

<sup>&</sup>lt;sup>1</sup> In the case of Framework Agreement, the undertaking shall refer to entering into contract with the Procuring Entity and furnishing of the performance security or the performance securing declaration within ten (10) calendar days from receipt of Notice to Execute Framework Agreement.

14.2. The Bid and bid security in no case shall exceed One Hundred Twenty (120) calendar days from the date of opening of bids, unless duly extended by the bidder upon the request of the Head of the Procuring Entity (HoPE) of the Quezon City Local Government. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

#### 15. Sealing and Marking of Bids

Each Bidder shall submit one copy of the first and second components of its Bid.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

If the Procuring Entity allows the submission of bids through online submission or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

#### 16. Deadline for Submission of Bids

16.1. The Bidders shall submit on the specified date and time through manual submission as indicated in paragraph 7 of the **IB**.

#### 17. Opening and Preliminary Examination of Bids

17.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

17.2. The preliminary examination of bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

#### **18.** Domestic Preference

18.1. The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.

#### **19. Detailed Evaluation and Comparison of Bids**

- 19.1. The Procuring BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*," using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.
- 19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the

case maybe. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.

- 19.3. The descriptions of the lots or items shall be indicated in Section VII (Technical Specifications), although the ABCs of these lots or items are indicated in the BDS for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.
- 19.4. The Project shall be awarded as follows:

One Project having several items that shall be awarded as one contract.

19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

#### 20. Post-Qualification

20.1. Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

#### 21. Signing of the Contract

21.1. The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.

### Notes on the Bid Data Sheet

The Bid Data Sheet (BDS) consists of provisions that supplement, amend, or specify in detail, information, or requirements included in the ITB found in Section II, which are specific to each procurement.

This Section is intended to assist the Procuring Entity in providing the specific information in relation to corresponding clauses in the ITB and has to be prepared for each specific procurement.

The Procuring Entity should specify in the BDS information and requirements specific to the circumstances of the Procuring Entity, the processing of the procurement, and the bid evaluation criteria that will apply to the Bids. In preparing the BDS, the following aspects should be checked:

- a. Information that specifies and complements provisions of the ITB must be incorporated.
- b. Amendments and/or supplements, if any, to provisions of the ITB as necessitated by the circumstances of the specific procurement, must also be incorporated.

ITB	
Clause 5.3	For this purpose, contracts similar to the Project shall be:
5.5	a. A single contract similar to the <i>item/s</i> to be bid and must be at least twenty-five percent (25%) of the ABC.
	b. Completed within the last three (3) years prior to the deadline for the submission and receipt of bids substantially in a FORM prescribed by the QC-BAC-GOODS AND SERVICES, must be accompanied by a copy of Certificate of Acceptance by the end-user or Official Receipt (O.R) or Sales Invoice (S.I.) issued for the Contract.
7.1	Subcontracting is not allowed.
12	The price of the Goods shall be quoted DDP <i>within Quezon City</i> or the applicable International Commercial Terms (INCOTERMS) for this Project.
14.1	<ul> <li>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</li> <li>a. The amount of not less than <i>Php 533,244.03</i> or equivalent to two percent (2%) of ABC if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or</li> </ul>
	<ul> <li>b. The amount of not less than <i>Php 1,333,060.06</i> or equivalent to five percent (5%) of ABC if bid security is in Surety Bond.</li> </ul>
19.3	[In case the Project will be awarded by lot, list the grouping of lots by specifying the group title, items, and the quantity for every identified lot, and the corresponding ABC for each lot.] [In case the project will be awarded by item, list each item indicating its quantity and ABC.]
20.2	List of required licenses and permits relevant to the Project and the corresponding law requiring it.
21.2	No additional requirement     Additional required documents relevant to the Project that are required by     existing laws and/or the Procuring Entity.
	<ul> <li>Copy of valid, current License to Operate for Medical Supplies/Devices from DOH Accreditation as Supplier, Distributor or Manufacturer</li> <li>Notarized Affidavit of Undertaking stating compliance to all the Terms and Reference stipulated in Section VI. (Schedule of Requirements) and Section VII. (Technical Specifications) of this Philippine Bidding Documents</li> </ul>

# **Bid Data Sheet**

# Section IV. General Conditions of Contract

### Notes on the General Conditions of Contract

The General Conditions of Contract (GCC) in this Section, read in conjunction with the Special Conditions of Contract in Section V and other documents listed therein, should be a complete document expressing all the rights and obligations of the parties.

Matters governing performance of the Supplier, payments under the contract, or matters affecting the risks, rights, and obligations of the parties under the contract are included in the GCC and Special Conditions of Contract.

Any complementary information, which may be needed, shall be introduced only through the Special Conditions of Contract.

#### **1.** Scope of Contract

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

Additional requirements for the completion of this Contract shall be provided in the **Special Conditions of Contract (SCC).** 

#### 2. Advance Payment and Terms of Payment

- 2.1. Advance payment of the contract amount is provided under Annex "D" of the revised 2016 IRR of RA No. 9184.
- 2.2. The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the **SCC**.

#### **3.** Performance Security

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than prior to the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184.

#### 4. Inspection and Tests

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the **SCC**, **Section IV** (**Technical Specifications**) shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

All reasonable facilities and assistance for the inspection and testing of Goods, including access to drawings and production data, shall be provided by the Supplier to the authorized inspectors at no charge to the Procuring Entity.

#### 5. Warranty

6.1. In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.

6.2. The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

### 6. Liability of the Supplier

The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Supplier is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

# Section V. Special Conditions of Contract

### Notes on the Special Conditions of Contract

Similar to the BDS, the clauses in this Section are intended to assist the Procuring Entity in providing contract-specific information in relation to corresponding clauses in the GCC found in Section IV.

The Special Conditions of Contract (SCC) complement the GCC, specifying contractual requirements linked to the special circumstances of the Procuring Entity, the Procuring Entity's country, the sector, and the Goods purchased. In preparing this Section, the following aspects should be checked:

- a. Information that complements provisions of the GCC must be incorporated.
- b. Amendments and/or supplements to provisions of the GCC as necessitated by the circumstances of the specific purchase, must also be incorporated.

However, no special condition which defeats or negates the general intent and purpose of the provisions of the GCC should be incorporated herein.

#### GCC Clause 1 [List here any additional requirements for the completion of this Contract. The following requirements and the corresponding provisions may be deleted, amended, or retained depending on its applicability to this Contract:] **Delivery and Documents –** For purposes of the Contract, "EXW," "FOB," "FCA," "CIF," "CIP," "DDP" and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows: [For Goods supplied from abroad, state:] "The delivery terms applicable to the Contract are DDP delivered [*indicate place of destination*]. In accordance with **INCOTERMS.**" [For Goods supplied from within the Philippines, state:] "The delivery terms applicable to this Contract are delivered [indicate place of destination]. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination." Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements). For purposes of this Clause the Procuring Entity's Representative at the Project Site is *[indicate name(s)]*. Incidental Services – The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements: Select appropriate requirements and delete the rest. performance or supervision of on-site assembly and/or start-up of a. the supplied Goods; furnishing of tools required for assembly and/or maintenance of the b. supplied Goods; furnishing of a detailed operations and maintenance manual for each c. appropriate unit of the supplied Goods; d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and training of the Procuring Entity's personnel, at the Supplier's plant e. and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods. f. [Specify additional incidental service requirements, as needed.] The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

# **Special Conditions of Contract**

#### Spare Parts –

The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

Select appropriate requirements and delete the rest.

- a. such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and
- b. in the event of termination of production of the spare parts:
  - i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and
  - ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.

The spare parts and other components required are listed in **Section VI** (**Schedule of Requirements**) and the cost thereof are included in the contract price.

The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of [*indicate here the time period specified. If not used indicate a time period of three times the warranty period*].

Spare parts or components shall be supplied as promptly as possible, but in any case, within [*insert appropriate time period*] months of placing the order.

#### Packaging –

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

The25ackagingg, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.

The outer packaging must be clearly marked on at least four (4) sides as follows:

Name of the Procuring Entity Name of the Supplier

Contract Description Final Destination Gross weight Any special lifting instructions Any special handling instructions	
Any special lifting instructions Any special handling instructions	
Any relevant UA//(UUMA elevations	
Any relevant HAZCHEM classifications	
A packaging list identifying the contents and quantities of the package is placed on an accessible point of the outer packaging if practical. If not pra- the packaging list is to be placed inside the outer packaging but outsid secondary packaging.	ctical
Transportation –	
Where the Supplier is required under Contract to deliver the Goods CIF, or DDP, transport of the Goods to the port of destination or such other na place of destination in the Philippines, as shall be specified in this Con shall be arranged and paid for by the Supplier, and the cost thereof sha included in the Contract Price.	amed tract,
Where the Supplier is required under this Contract to transport the Good specified place of destination within the Philippines, defined as the Project transport to such place of destination in the Philippines, including insuranc storage, as shall be specified in this Contract, shall be arranged by the Sup and related costs shall be included in the contract price.	t Site, e and
Where the Supplier is required under Contract to deliver the Goods CIF, C DDP, Goods are to be transported on carriers of Philippine registry. In the that no carrier of Philippine registry is available, Goods may be shipped carrier which is not of Philippine registry provided that the Supplier obtain presents to the Procuring Entity certification to this effect from the ne Philippine consulate to the port of dispatch. In the event that carrie Philippine registry are available but their schedule delays the Supplier performance of this Contract the period from when the Goods were first to for shipment and the actual date of shipment the period of delay wit considered force majeure.	event l by a ls and earest ers of in its ready
The Procuring Entity accepts no liability for the damage of Goods during the other than those prescribed by INCOTERMS for DDP deliveries. In the of Goods supplied from within the Philippines or supplied by dom Suppliers risk and title will not be deemed to have passed to the Procuring E until their receipt and final acceptance at the final destination.	e case nestic
Intellectual Property Rights –	
The Supplier shall indemnify the Procuring Entity against all third-party control of infringement of patent, trademark, or industrial design rights arising from of the Goods or any part thereof.	
2.2 [If partial payment is allowed, state] "The terms of payment shall be as fol"	lows:
4 The inspections and tests that will be conducted are: <i>Propresentation/Demonstration/Site Inspection, if applicable.</i>	oduct

# Section VI. Schedule of Requirements project name: procurement of various reagents and consumables project no. QCGH-22-MSLI-799

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Item Number	Description	Unit of Issue	Quantity	Delivered, Weeks/Months
	Reagents and Consumables For Na, K, Cl Analyzer			
1	NaKCI solution pack 800ml	pack	12	
2	NaKCI daily rinse/cleaner solution kit 1bottle of 90ml diluent, 6 bottles of 12ml rinse	box	4	
	<ul> <li>Terms of Reference</li> <li>Must provide the following:</li> <li>1. Must provide machine, conduct semi annual preventive and maintenance, and provide certificate of calibration with sticker</li> <li>2. 24/7 technical support in case of machine breakdown</li> <li>3. Must provide needed electrodes for operation</li> <li>4. Expiration period for reagents must be 18 months or more upon delivery, if less than 18 months, a guarantee letter to replace items must be submitted</li> </ul>			Within Sixty
	Reagents and Consumables For Fully Automated ≥ 5 Part Hematology Analyzer			(60) Calendar Days Upon
3	WBC Lyse 1 x 3.8 L 900 tests (minimum)	kit	65	Issuance of
4	Hemoglobin lyse 1 x 4 Liter (minimum)	kit	34	Notice to Proceed
5	Diluent 20 Liter 450tests (minimum)	tank	92	
6	Control (low, normal, high) 2 x 2.5 ml (minimum)	kit	14	
7	System cleaner, 100 ml 80 tests (minimum)	bottle	8	
8	Calibrator 1 x 3 ml	kit	4	
	<ul> <li>Terms of Reference</li> <li>Must have the following specification: <ol> <li>Machine measurement principle must</li> <li>Fluorescence, Optical Scatter and</li> <li>Cytometry or higher principle.</li> <li>Must provide backup machine</li> <li>compatible with the same reagents</li> <li>EQAS performance grade must not be lower than Very Satisfactory for all test parameters</li> <li>Preferably capable of counting cells in other human body fluids (CSF, peritoneal fluid, ascitic fluid &amp; others)</li> <li>Must analyze leukocytes in their nearnative state even without the use of chemical stains nor fluorescence dye for more reliable results</li> <li>Must have installation in other hospital/s within Metro Manila</li> <li>Expiration period for reagents must be 18 months or more upon delivery, if less</li> </ol> </li> </ul>			

			I	1
	than 18 months, a guarantee letter to replace items must be submitted			
	Provision of the following:			
	a. Preventive Maintenance and			
	calibration as needed by the machine, with certificate and			
	sticker.			
	b. Printer with provision of ink to			
	produce test printouts			
	c. 24/7 technical support system in			
	case of machine breakdown. d. LIS connectivity license that is			
	compatible with the existing HIS			
	and functional for at least 1 year			
	e. Must provide training/actual demo			
	for at least 1 week for not less than			
	3 Medical Technologists Reagents For Urine Strip Reader Analyzer			-
9	10 Parameters urine strip for urine, 100	bottle	535	
	strips			-
10	Urinalysis Control strip (positive &	box	2	
	negative), 2 bottles of 25 strips/bottle, 50 disposable test tubes			Within Sixty
11	Standard/calibrator strip 100 strips	bottle	2	(60) Calendar
	Terms of Reference:			Days Upon Issuance of
	1. Must provide urine strip reader			Notice to
	compatible with the reagents strips.			Proceed
	2. Expiration period for reagents must be 18 months or more upon delivery, if less			
	than 18 months, a guarantee letter to			
	replace items must be submitted.			
	Reagents and Consumables For Fully			
	Automated Bacterial Identification & Susceptibility Analyzer			
12	0.45% Saline Solution 500ml	bottle	34	
13	Automated identification card (for yeast) 20 cards of 64 wells/card	box	2	
14	Automated Susceptibility card for Gram (+) cocci 20 cards of 64 wells/card	box	24	
15	Automated Identification card for Gram	box	26	1
1 /	(+) cocci 20 cards of 64 wells/card	herr	0/	-
16	Automated Identification card for Gram (-) Bacilli 20 cards of 64 wells/card	box	26	
17	Automated Susceptibility card for Gram	box	26	1
	(-) Bacilli 20 cards of 64 wells/card			
18	Automated Identification card for	box	2	
	Neisseria & Hemophilus 20 cards of 64 wells/card			
19	Automated Susceptibility card for	box	2	-
	streptococcus 20 cards of 64 wells/card			
20	Automated Identification card for Gram	box	2	
21	(+) bacilli 20 cards of 64 wells/card Suspension tubes 1000pcs/pack fit for	pack	11	-
21	densometer (plastic)	ρασκ	11	
	Terms of Reference:			-
	1. Must provide 1 fully automated			
	bacterial identification and susceptibility			
	2. Machine must be equipped with			
	software that checks, validates and			
1		1	1	1
	correct results automatically.			
	correct results automatically. 3. Database must be based on global CLSI, EUCAST and FDA guidelines.			

	<ul> <li>4. Preferably machine principle is Colorimetry + Nephelometry (KINETIC).</li> <li>5. GOLD STANDARD for routine identification &amp; Susceptibility of organisms.</li> <li>6. Expiration period for reagents must be 18 months or more upon delivery, if less than 18 months, a guarantee letter to replace items must be submitted.</li> <li><b>Provision of the following:</b></li> <li>a. Preventive Maintenance and calibration as needed by the machine, provision of calibration certificate and sticker.</li> <li>b. Printer with provision of ink to produce test printout.</li> <li>c. 24/7 technical support system in case of machine breakdown.</li> <li>d. LIS connectivity license that is compatible with the existing HIS and functional for at least 1 year.</li> <li>e. Must provide training/actual demo for at least 1 week for not less than 3 Medical Technologists.</li> <li>f. Provision of DENSOMETER for standard McFarland suspension.</li> </ul>			Within Sixty (60) Calendar Days Upon Issuance of Notice to
22	System	la a c	1	Proceed
	Blood culture bottle with ARD, anaerobe, 2 packs of 50 bottles of 40 ml/bottle	box		
23	Blood culture bottle with ARD, aerobic, 2 packs of 50 bottles of 30 ml/bottle	box	22	
24	Blood culture bottle pediatric, 2 packs of 50 bottles of 30 ml/bottle	box	12	
	<ul> <li>Terms of Reference: <ol> <li>Must provide 1 fully automated blood culture system machine which utilizes</li> <li>Colorimetric principle.</li> <li>Can detect gram negative, positive, yeast &amp; fungi</li> <li>Can be used also as sterility testing for blood units for transfusion</li> <li>At least 0.5 ml blood volume for pedia patients</li> <li>Machine must have audio and visual alarm</li> <li>Expiration period for reagents must be 18 months or more upon delivery, if less than 18 months, a guarantee letter to replace items must be submitted.</li> <li>Machine must be updated based on CLSI standard.</li> </ol> </li> <li>Provision of the following: <ol> <li>Preventive Maintenance and calibration as needed by the machine, provision of calibration certificate and sticker.</li> <li>Printer with provision of ink to produce test printouts.</li> <li>24/7 technical support system in case of machine breakdown.</li> <li>Certificate of availability of stocks and ability to deliver.</li> </ol> </li> </ul>			

	<ul> <li>Must provide training /getual dame for</li> </ul>			
	e. Must provide training /actual demo for at least 3 days for not less than 3 Medical Technologists.			
	Reagents and Consumables For Fully			
25	Automated Immunoserology Analyzer Hepatitits B Antigen Reagent, 100 Test/kit	kit	28	
26	Hepatitis C Antibody Reagent, 100 test/kit	kit	32	
27	HIV Ag/Ab Reagent, 100 Test/kit	kit	28	
28	Syphilis TP Reagent, 100 Test/kit	kit	28	
29	Hepatitis B Antigen Calibrator, 2 bottle x 4mL/kit	box	2	
30	Hepatitis C Antibody Calibrator, 1 bottle x 4mL	box	2	
31	HIV Ag/Ab Calibrator, 1 bottle x 4mL	box	2	
32	Syphilis TP Calibrator, 1 bottle x 4mL	box	2	
33	Hepatitis B Antigen Negative and Positive Control (2 bottle x 8mL)	box	4	
34	Hepatitis C Antibody Negative and Positive Control (2 bottle x 8mL)	box	4	
35	HIV Ag/Ab Negative, Positive 1,2, and 3 Control (4 bottle x 8mL)	box	4	
36	Syphilis TP Negative and Positive Control (2 bottle x 8mL)	box	4	Within Sixty (60) Calendar
37	Wash Solution 1, 4 bottle x 1L	box	12	Days Upon
38	Wash Solution 2, 4 bottle x 25mL	box	5	Issuance of
39	Wash Solution 3, 4 bottle x 1L	box	12	Notice to Proceed
40	Wash Solution 4, 4 bottle x 1L	box	11	
41	HBeAg, 100 tests	kit	2	
42	HBeAg, Calibrator, 2 x 4ml	box	1	
43	HBeAg, Control, 1 x 8ml	box	1	
44	Anti HBc IgG 100 tests	kit	1	
45	Anti HBc IgG Calibrator, 2 x 4ml	box	1	
46	Anti HBc IgG Control, 1 x 8ml	box	1	
47	Anti HBc IgM 100 tests	kit	1	
48	Anti HBc IgM Calibrator, 2 x 4ml	box	1	
49	Anti HBc IgM Control, 1 x 8ml	box	1	
50	Anti-HAV IgM, 100 tests	kit	1	
51	HAV Ab IgM, Calibrator	box	1	
52	HAV Ab IgM, Control	box	1	
53	Anti-HAV IgG, 100 tests	kit	1	
54	HAV Ab IgG, Calibrator	box	1	
55	HAV Ab IgG, Control	box	1	
56	Anti Hbe 100 tests	kit	2	
57	Anti HBe Calibrator, 2 x 4ml	box	1	
58	Anti HBe Control, 1 x 8ml	box	1	
59	Anti HBs 100 tests	kit	3	
60	Reagent Cuvettes, 4000/box	box	5	
61	Reagent Caps, 200/box	box	1	
62	Sample Cups, 1000/box	box	3	

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63	higher principle technology, barcoded reagents and samples. 2. With a result of 99.0% or higher for Sensitivity and Specificity as tested and evaluated by DOH-SACCL. 3. Excellent performance in EQAS. 4. Suitable for use with any liquid, anticoagulant present in the blood bag (ACD, CPD, CPDA-1). 5. Intended use: In vitro testing validated with blood donor population. Third party validation at least by the international quality assurance validation, DOH-SACCL or RITM NRL or its equivalent. 6. With on-board inventory management and alert features for incorrect position of reagents and supplies as well as samples. 7. With random access, batch, and STAT testing capabilities. 8. No reagent preparation required, to prevent contamination and spillage. 9. Can be interfaced with Blood Bank Information System (BBIS), NBBNETS and should be provided with middleware. 10. Capable of doing Levy-Jennings for each test parameters. 11. Must have Certificate of Product Registration (CPR) if applicable. 12. Expiration period for reagents must be 18 months or more upon delivery, if less than 18 months, a guarantee letter to replace items must be submitted. <b>Provision of the following:</b> a. Semi annual Preventive Maintenance and Calibration with Certificate and Sticker, 24/7 technical support system in case of machine breakdown. b. High End Printer with provision of ink that can produce colored test printouts. c. Barcode reader, printer and sticker. d. LIS connectivity license that is compatible with the existing HIS and functional for at least 1 year.	box	12	Within Sixty (60) Calendar Days Upon Issuance of Notice to Proceed
63	Coombs gel Cards for cross matching AHG phase 400 tests	box	12	
64	Neutral gel Cards for cross matching LISS	box	12	
65	phase 400 tests Diluent for Gel cards for crossmatching 2	box	10	
	bottles of 100ml			
	<b>Terms of Reference:</b> 1. Must provide semi-automated modular machines composed of the following: a. <b>Gel Card Centrifuge-</b> must have an rpm of 1030 ± 5, with at least 12 slots. b. <b>Gel Card Incubator-</b> temperature must be fixed at 37°C, with 12 slots, Incubation time must be programmable for 1 – 60 minutes.			

66	<ul> <li>2. Must have Certificate of Product Registration (CPR) if applicable.</li> <li>3. Expiration period for reagents must be 18 months or more upon delivery, if less than 18 months, a guarantee letter to replace items must be submitted.</li> <li><b>Provision of the following:</b> <ul> <li>a. Preventive Maintenance and calibration as needed by the machine, with certificate and sticker.</li> <li>b. 24/7 technical support system in case of machine breakdown.</li> <li>c. Must provide training/actual demo for at least 1 week for not less than 3 Medical Technologists</li> </ul> </li> <li><b>Portable Hemoglobin Determination For Mobile Blood Donation</b></li> <li>Microcuvettes for Hemoglobinometer 50pc/bottle</li> </ul>	bottle	100	
	<ul> <li>Provision of the following:</li> <li>a. Must provide complete kit containing hemoglobinometer, power cord, calibrator/control</li> <li>b. Semi annual Preventive Maintenance and Calibration with Certificate and Sticker, 24/7 technical support</li> <li>c. Must have Certificate of Product Registration (CPR) if applicable.</li> <li>d. Expiration period for reagents must be 18 months or more upon delivery, if less than 18 months, a guarantee letter to replace items must be submitted.</li> </ul>			Within Sixty (60) Calendar Days Upon Issuance of Notice to Proceed
	Malarial Parasite Test			
67	Malarial Parasite test, 96 tests	kit	14	
	Terms of Reference:1. Provision of semi-automated or fully automated machine.2. Employs Enzyme-LinkedImmunosorbent Assay (ELISA) and/or higher.3. Suitable for use with any liquid, anticoagulant present in the blood bag (ACD, CPD, CPDA-1)4. Must have Certificate of Product Registration (CPR) if applicable.5. Expiration period for reagents must be 18 months or more upon delivery, if less than 18 months, a guarantee letter to replace items must be submitted.			
	<ul> <li>Provision of the following:</li> <li>a. Semi annual Preventive Maintenance</li> <li>and Calibration with Certificate and</li> <li>Sticker. 24/7 technical support.</li> <li>b. Compatible UPS unit and/or AVR.</li> </ul>			
	Other Clinical Chemistry Reagents			
68	Glucose strips 2 bottles, 25 pcs./bottle (Must provide 50 glucometer, 50 autolancet and 50 spare batteries)	box	500	
69	Glucose load orange flavor 75 grams, 240ml	bottle	60	

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				1
70	Glucose load orange flavor 50 grams, 240ml	bottle	24	
71	Dengue IgG IgM test kit ≥25tests/box Sensitivity at least 94.6% Specificity at least 96.5%	kit	12	
72	Dengue NS1Ag test kit ≥25tests/box Sensitivity at least 92.4% Specificity at least 98.4%	kit	12	
73	Leptospira test kit IgG IgM ≥25tests/box	kit	2	
74	SARS-CoV-2 Rapid Antigen Test 25tests	kit	24	
75	Drug test kit Meth/THC 25T/kit cassette type	box	80	
76	Polyethylene bottle (P.E. bottle) screw cap	piece	1,000	-
	Other Reagents For Clinical Microscopy			-
77	Acetic Acid 500 ml	bottle	1	
78	Benedict's solution 500 ml	bottle	1	
79	Lugol's Iodine 500 ml	bottle	1	
80	One step Occult blood tests ≥25 tests	kit	4	
81	Pregnancy Test minimum of 25Tests, urine/serum sample	box	30	
	Other Reagents and Supplies for Histopathology Section			
82	Absolute ethyl alcohol 4liter	bottle	8	Within Sixty
83	Buffered 10% Neutral Formalin 4 liter	bottle	20	(60) Calendar Days Upon
84	Ethyl Alcohol 95% 20 Liters	carbuoy	10	Issuance of
85	India Ink, color black, green, 25ml/bottle	bottle	10	Notice to
86	Laboratory Embedding medium (Paraffin wax) 1kgms	pack	22	Proceed
87	Microtome blade (\$35) 50 pcs	box	4	
88	Mounting medium 500 ml	bottle	2	
89	Eosin Azure 50 (EA - 50), 1 Liter	bottle	5	
90	Eosin Y, 1 Liter	bottle	2	-
91	Giemsa stain, 1 Liter	bottle	8	
92	Harris Hematoxylin, 1 Liter	bottle	2	-
93	Orange G - 6, 1 Liter	bottle	5	
94	Methanol 1 Liter	bottle	10	
	Blood Collection Tubes and Multisample Needle			-
95	Blood collecting tube 2 ml lavender top 100pcs/pack	pack	1,004	
96	Blood collecting tube 1.8 - 2 ml blue top 100pcs/pack	pack	100	
97	Blood collecting tube 5 - 6 ml red top plain 100pcs/pack	pack	559	
98	ESR tube 2ml 4NC 3.2% , 100pcs/pack (black) w/ safety screw cap	pack	50	-
99	Microcollection tube Lavender top 0.25 - 0.5ml 100pcs/pack	pack	30	
100	Red Clot Act. 0.5ml, 50's/pack (micro collection tube )	pack	30	
101	Single use ESR pipette plastic 200 sticks/box	box	6	
102	Gold/Yellow Top Clot Act/Gel 5 ml., 13x100mm,100's with double-label sticker	pack	60	

Schedule of Requirements Page 7 of 11

104     Disposable Facel Container 60 ml, sterile     piece     1.000       104     Disposable Facel Container 60 ml, sterile     piece     1.000       105     Disposable plostic lancet 200pcs/box     box     500       107     Disposable plostic lancet 200pcs/box     box     500       108     Disposable View pipelte lips, 1000     pack     50       109     Glass slides frosted end     72pcs/box, 3'x1''     box     1.000       110     Loboratory paratilin film, 4 inch x 125tl.     roll     6       111     Non: allergenic-latex free disposable     box     12       112     Surgical blode #21 100pcs/box     box     19       113     Test tube glass 10 x 100mm, non-screw     piece     300       114     Test tube rack plastic, 44 wells     piece     30       115     Applicator slick 4' 500 slicks/pack     pack     50       116     Cryogenic Vici STERILE 20ml white inner     pack     50       117     Inoculating Loop 100i, Individually packed, pack     50       118     Inoculating Needle, individually packed, pack     50       120     Test tube, screw cap glass 10 x 70mm     piece     100       121     Test tube, screw cap, glass 10 x 100mu, piece     100       122     Test tube, screw cap, gla					I
individually gacked     Pack       105     Disposable plastic lancet 200pcs/box     box     500       106     Disposable unite lancet 200pcs/box     box     500       107     Disposable unite container 40 mL sterile     piece     3,000       108     Disposable velow pipette tips, 1000     pack     50       109     Giss sildes Frosted end     72pcs/box.     box     100       110     Laboratory paraffin film, 4 inch x 125tf.     rol     6       111     Nor-allergenic-latex free disposable     box     12       112     Surgical blade #21 100pcs/box     box     19       113     Test tube gidss 10 x 100mm. non-screw     piece     320       114     Test tube rack plastic, 44 wells     piece     32       115     Applicator sick 6' 500 stlck/pack     pack     50       116     Cryogenic Viol STERILE 2.0ml white inner     pack     50       117     Incoulating Needle, individually     pack     50       118     Incoulating Needle, individually packed, s00/pack     50       120     Test tube screw cap glass 10 x 70mm     piece     100       121     Test tube acter commercially     bottle     600       122     Test tube acter commercially     bottle     600 <t< td=""><td>103</td><td>Cover slip, 24x56, 10 bakelites/box</td><td>box</td><td>60</td><td></td></t<>	103	Cover slip, 24x56, 10 bakelites/box	box	60	
1000pcs/pack     box     500       106     Disposable plastic lancet 200pcs/box     box     500       107     Disposable velow pipette tips, 1000     pack     50       108     Disposable velow pipette tips, 1000     pack     50       109     Glass sildes Frosted end 72pcs/box, 3'x1"     box     1,000       110     Laboratory paraffin film, 4 inch x 125ft.     rol     6       111     Non-altergenic-lotex free disposable     box     12       112     Surgical blade #21 100pcs/box     box     19       113     Test tube rank plastic. 44 wells     piece     300       114     Test tube postick / 500 sticks/pack     pack     50       117     Inoculating loop 10ul, individually     pack     50       118     Inoculating loop 10ul, individually     pack     50       119     Sharps Disposable Container, 3.21     piece     60       120     Test tube, screw cap glass 15 x 100mm     piece     100       121     Test tube, screw cap glass 15 x 120mm     piece     100       122     Test tube, screw cap glass 15 x 120mm     piece     100       123     Triple distlied water (commercially     bottlie     600       124     Anti A & Antil B typing sera 10ml / vial, 2     set     80<	104		piece	1,000	
107     Disposable Urine Container 60 ml, sterile individually packed     piece     3.000       108     Disposable yellow pipette fips, 1000     pack     50       109     Glass sildes frosted end 72pcs/box, 3'x1"     box     1.000       110     Laboratory paraffin film, 4 inch x 125ft.     roll     6       111     Non- allergenic-dates free disposable     box     12       112     Surgical blade #21 100pcs/box     box     19       113     Iset tube glass 10 x 100mm, non-screw     piece     320       114     Test tube rack plastic, 44 wells     piece     32       115     Applicator stick 6' 500 sitke/spack     pack     50       116     Cryogenic Vial STERILE 2.0ml white inner     pack     50       117     Incouldring Needle, individually packed, 500     packed, 500/pack     50       118     Inoculating Needle, individually packed, 50     packed, 500/pack     50       119     Sharps Disposable Container, 3.2L     piece     100       120     Test tube, screw cap glass 15 x 140mm     piece     100       121     Test tube, screw cap glass, 15 x 140mm     piece     100       123     Triple distilled water (commercially     bottle     600       124     Anti- Rh hyping1 0 mt EPICLONE     vial     80   <	105		pack	20	
Individually packed	106	Disposable plastic lancet 200pcs/box	box	500	
108     Disposable yellow pipette tips, 1000     pack     50       109     Glass sildes Frosted end     72pcs/box, 3"x1"     box     1,000       110     Laboratory paraffin film, 4 inch x 125ft.     roll     6       111     Non- allergenic-latex free disposable     box     12       blue torniquet, 30pcs/box     box     19       111     Non- allergenic-latex free disposable     box     12       blue torniquet, 30pcs/box     box     19       111     Non- allergenic-latex free disposable     box     12       blue torniquet, 30pcs/box     box     19       111     Non- allergenic-latex free disposable     box     12       112     Surgical blade f#21100pcs/box     box     12       114     Test tube cack plastic, 44 wells     piece     32       115     Applicator stick 6" 500 sticks/pack     pack     50       116     Cryogenic Viol STERILE 2.0ml white inner     pack     50       117     Inoculating Needle, individually packed.     pack     50       118     Inoculating Needle, commercially     piece     600       120     Test tube screw cap glass 10 x 70mm     piece     100       121     Test tube, screw cap glass 15 x 100mm     piece     100       122 <td>107</td> <td></td> <td>piece</td> <td>3,000</td> <td></td>	107		piece	3,000	
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111       Non- allergenic-latex free disposable blue torniquet, 50pcs/box       box       12 blue torniquet, 50pcs/box         112       Surgical blade #21 100pcs/box       box       19         113       Test tube glass 10 x 100mm, non-screw cop       piece       300         114       Test tube rack plastic, 44 wells       piece       32         115       Applicator stick 6" 500 sticks/pack       pack       50         116       Cryogenic Vial STERILE 2.0ml white inner thread 25/pack       pack       50         117       Inoculating loop 10ul, individually packed, 500/pack       pack       50         118       Inoculating Needle, individually packed, 500/pack       pack       50         120       Test tube, screw cap glass 10 x 70mm       piece       100         121       Test tube, screw cap glass 15 x 140mm       piece       100         122       Test tube, screw cap, glass 15 x 140mm       piece       100         123       Triple distilled water (commercially available) 5-6 litters       bottle       600         124       Anti A & Anti B typing asera 10ml/ vial, 2       set       80       126         125       Anti D (Rh typing) 10 ml EPICLONE       vial       80       126         125       Anti D (Rh typing) 10 ml EPICLONE<	110		roll	6	
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118Inoculating Needle, individually packed, 500/packpack50(60) Calendar Days Upon119Sharps Disposable Container, 3.2Lpiece60Issuance of120Test tube, screw cap glass 10 x 70mmpiece100Issuance of121Test tube, screw cap glass, 15 x 140mmpiece100Issuance of122Test tube, screw cap, glass 15 x 100mmpiece100Ion123Triple distilled water (commercially valak/set, EPICLONEbottle600124Anti A & Anti B typing sera 10ml/ vial, 2 vial/set, EPICLONEset80125Anti D (Rh typing) 10 ml EPICLONEvial20127LISS (Low ionized salt solution) 10ml (RAM)vial20128Normal Saline Solution, 0.9%, 11iterbottle20129Full safety Triple Blood Bag CPD-A, 450mLpiece1,000130Single blood bag CPD A-1, 450mLpiece1,000131Capillary heparinized tubes, 100 tubesvial40Terms of Reference: 1. Must have Certificate of Product Registration (CPR) if applicable 2. Expiration period for reagents must be 18 months, a guarantee letter to replace items must be submitted.supplies132AmoxicIllin Clavulanic Acidcartridge5133AmpicillinCartridge5	117	Inoculating Loop 10ul, individually	pack	50	
119Sharps Disposable Container, 3.2Lpiece60Issuance of120Test tube screw cap glass 10 x 70mmpiece100Notice to121Test tube, screw cap glass, 15 x 140mmpiece100122Test tube, screw cap, glass 15 x 100mmpiece100123Triple distilled water (commercially available) 5-6 littersbottle600124Anti A & Anti B typing sera 10ml/ vial, 2set80125Anti D (Rh typing) 10 ml EPICLONEvial20127LISS (Low ionized salt solution) 10ml (RAM)vial20128Normal Saline Solution, 0.9%, 1literbottle20129Full safety Triple Blood Bag CPD-A, 450mLpiece1,000130Single blood bag CPD A-1, 450mLpiece1,000131Capillary heparinized tubes, 100 tubesvial40Terms of Reference: 1. Must have Certificate of Product Registration (CPR) if applicable 2. Expiration period for reagents must be 18 months or more upon delivery, if less than 18 months, a guarantee letter to replace items must be submitted.Other Bacteriology Reagents and Supplies132AmoxicillinClavulanic Acidcartridge5133Ampicillincartridge5		500/pack	pack	50	(60) Calendar
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123Triple distilled water (commercially available) 5-6 litersbottle600124Anti A & Anti B typing sera 10ml/vial, 2 vials/set, EPICLONEset80125Anti D (Rh typing) 10 ml EPICLONEvial80126Anti-human globulin 10ml EPICLONEvial20127LISS (Low ionized salt solution) 10ml (RAM)vial20128Normal Saline Solution, 0.9%, 1literbottle20129Full safety Triple Blood Bag CPD-A, 450mLpiece2,000130Single blood bag CPD A-1, 450mLpiece1,000131Capillary heparinized tubes, 100 tubesvial40Terms of Reference: 1. Must have Certificate of Product Registration (CPR) if applicable 2. Expiration period for reagents must be 18 months or more upon delivery, if less than 18 months, a guarantee letter to replace items must be submitted.Other Bacteriology Reagents and Supplies0ther Bacteriology Reagents and SuppliesSensitivity/Antibiotic Discs (SOdisc/Cartridge)5133AmpicillinCartridge5	121	Test tube, screw cap glass, 15 x 140mm	piece	100	Proceed
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127LISS (Low ionized salt solution) 10ml (RAM)vial20128Normal Saline Solution, 0.9%, 1literbottle20129Full safety Triple Blood Bag CPD-A, 450mLpiece2,000130Single blood bag CPD A-1, 450mLpiece1,000131Capillary heparinized tubes, 100 tubesvial40Terms of Reference:1. Must have Certificate of ProductRegistration (CPR) if applicable22. Expiration period for reagents must be18 months or more upon delivery, if lessthan 18 months, a guarantee letter toreplace items must be submitted.Other Bacteriology Reagents andSupplies(50disc/Cartridge)132Amoxicillin Clavulanic Acidcartridge133Ampicillincartridge	125	Anti D (Rh typing) 10 ml EPICLONE	vial	80	
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130Single blood bag CPD A-1, 450mLpiece1,000131Capillary heparinized tubes, 100 tubesvial40Terms of Reference: 1. Must have Certificate of Product Registration (CPR) if applicable 2. Expiration period for reagents must be 18 months or more upon delivery, if less than 18 months, a guarantee letter to replace items must be submitted.Other Bacteriology Reagents and SuppliesSensitivity/Antibiotic Discs (50disc/Cartridge)132AmoxicillinClavulanic Acidcartridge5	128	Normal Saline Solution, 0.9%, 1liter	bottle	20	
131       Capillary heparinized tubes, 100 tubes       vial       40         Terms of Reference:         1. Must have Certificate of Product         Registration (CPR) if applicable       2.         2. Expiration period for reagents must be       18 months or more upon delivery, if less         18 months or more upon delivery, if less       18 months, a guarantee letter to         replace items must be submitted.       0         Other Bacteriology Reagents and         Sensitivity/Antibiotic Discs       (50 disc/Cartridge)         132       Amoxicillin Clavulanic Acid       cartridge       5	129	Full safety Triple Blood Bag CPD-A, 450mL	piece	2,000	
Terms of Reference:       1. Must have Certificate of Product         Registration (CPR) if applicable       2. Expiration period for reagents must be         18 months or more upon delivery, if less       18 months, a guarantee letter to         replace items must be submitted.       0         Other Bacteriology Reagents and       10         Sensitivity/Antibiotic Discs       132         Amoxicillin Clavulanic Acid       cartridge       5	130	Single blood bag CPD A-1, 450mL	piece	1,000	
1. Must have Certificate of Product Registration (CPR) if applicable 2. Expiration period for reagents must be 18 months or more upon delivery, if less than 18 months, a guarantee letter to replace items must be submitted.Other Bacteriology Reagents and SuppliesSensitivity/Antibiotic Discs (50disc/Cartridge)132Amoxicillin Clavulanic AcidCartridge5	131	Capillary heparinized tubes, 100 tubes	vial	40	
SuppliesSensitivity/Antibiotic Discs (50disc/Cartridge)132Amoxicillin Clavulanic Acidcartridge133Ampicillincartridge5		<ol> <li>Must have Certificate of Product Registration (CPR) if applicable</li> <li>Expiration period for reagents must be</li> <li>18 months or more upon delivery, if less</li> <li>than 18 months, a guarantee letter to</li> <li>replace items must be submitted.</li> </ol>			
(50disc/Cartridge)132Amoxicillin Clavulanic Acidcartridge5133Ampicillincartridge5		Supplies			
133AmpicillinCartridge5		(50disc/Cartridge)			
	132	Amoxicillin Clavulanic Acid	cartridge	5	
134Azithromycincartridge5	133	Ampicillin	cartridge	5	
	134	Azithromycin	cartridge	5	

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135Aztreonamcartridge5136Cefeximecartridge5137Ceftoxicincartridge5138Cettraxicinecartridge5140Chloremphenicolcartridge5141Ciprofloxacincartridge5142Ciafithromycinpack5143Imepenemcartridge5144Linezoldcartridge5145Bacitracin 0.04 Taxo Acartridge5146Cefnosecartridge5147Cefoloxime Clavulonic Acidcartridge5148Cetraxime Clavulonic Acidcartridge5150EDTA Disccartridge5152Erythromycincartridge5153Meropenemcartridge5154Novobiocin Identification 5 ug Disccartridge5155Oxidose strips (50 strips/pack)pack5156Oxidose strips (50 strips/pack)pack5157Piperocillin Tazobactamcartridge5168Polymkin 8 300 ugcartridge5169Sithpforpimcartridge5161Sulbactam Ampicillincartridge5162Sult, Timethoprimcartridge5163Taxo V IDcartridge1164Taxo X+V IDcartridge1165Taxo X+V IDcartridge1164Shigella Deydi Poly (2m/vial)vial </th <th>r</th> <th></th> <th>I</th> <th></th> <th></th>	r		I		
137Cetoxitincartridge5138Cettrazidimecartridge5139Cettrazidimecartridge5140Chloramphenicolcartridge5141Ciprofloxacincartridge5142Clarithromycinpack5143Imepenemcartridge5144Linezolidcartridge5145Bacitracin 0.04 Taxo Acartridge5146Cefinasecartridge5147Cefotoxime Clavulanic Acidcartridge5148Cettrazidime Clavulanic Acidcartridge5150EDIA Disccartridge5151Etrapenemcartridge5152Erythromycincartridge5153Meropenemcartridge5154Novacillincartridge5155Oxacillincartridge5156Oxidase strips (50 strips/pack)pack5157Streptomycin 300cartridge5158Polymixin 8 300 ugcartridge5161Subactam Ampicillincartridge5162Sulf, Timethoprimcartridge5163taxo Y IDcartridge5164Salmonella O Poly (Cp A-S) (2 ml/vial)vial1165Salmonella O Poly (Cp A-S) (2 ml/vial)vial1164Samonella O Poly (Cp A-S) (2 ml/vial)vial1165Salimonella O Poly (	135	Aztreonam	cartridge	5	
138Ceftazidimecartridge5139Ceftriaxonecartridge5140Chloramphenicolcartridge5141Ciprofloxacincartridge5142Clarithromycinpack5143Imepenemcartridge5144Linezolidcartridge5145Bacifracin 0.04 Taxo Acartridge5146Cefinasecartridge5147Cefotaxime Clavulanic Acidcartridge5148Ceftazidime Clavulanic Acidcartridge5150EDIA Disccartridge5152Erythromycincartridge5153Meropenemcartridge5154Novabiocin Identification 5 ug Disccartridge5155Oxacillincartridge5156Oxidase strips (50 strips/pack)pack5157Piperacillin Tazabactamcartridge5158Polymixin 8 300 ugcartridge5161Sulbactam Ampicillincartridge5162Suff. Trimethoprimcartridge5163Taxo YLDcartridge1164Taxo XLDcartridge1165Salmonella O Poly (Gp A-S) (2 m/vial)vial1165Taxo YLDcartridge1164Taxo XLDcartridge1165Taxo YLDcartridge1166Salmonella O Poly (Gp A-S) (2 m/vial)			cartridge	5	
139Ceftriaxonecartridge5140Chloramphenicolcartridge5141Ciprofloxacincartridge5142Clarifhromycinpack5143Imepenemcartridge5144Linezolidcartridge5145Bacifracin 0.04 Taxo Acartridge5146Ceftinasecartridge5147Cefotaxime Clavulanic Acidcartridge5148Ceftazidime Clavulanic Acidcartridge5150EDIA Disccartridge5151Ertapenemcartridge5152Erythromycincartridge5153Meropenemcartridge5154Novobiocin Identification 5 ug Disccartridge5155Oxacillincartridge5156Oxidase strips (50 strips/pack)pack5157Piperacillin Tazobactamcartridge5158Polymixin 300cartridge5161Sulbactam Ampicillincartridge5162Sult. Trimethoprimcartridge5163Taxo X I/Dcartridge1164Salmonella O Poly (Gp A-S) (2 m/vial)vial1164Salmonella O Poly (Gp A-S) (2 m/vial)vial1165Taxo X+V IDcartridge1166Salmonella O Poly (Gp A-S) (2 m/vial)vial1167Salmonella O Poly (Gp A-S) (2 m/vial)vial1<	137	Cefoxitin	cartridge	5	
140Choramphenicolcartridge5141Ciprofioxacincartridge5142Clafithromycinpack5143Imepenemcartridge5144Linezolidcartridge5145Bacitracin 0.04 Taxo Acartridge5146Cefinasecartridge5147Cefotaxime Clavulanic Acidcartridge5148Ceftrazidime Clavulanic Acidcartridge5149Doptomycincartridge5150EDTA Disccartridge5151Ertapenemcartridge5152Erythromycincartridge5153Meropenemcartridge5154Novobiocin Identification 5 ug Disccartridge5155Oxacilincartridge5156Oxidase strips (30 strips/pack)pack5157Piperacillin Tazobactamcartridge5158Polymixin 300cartridge5160Gentamicin 120cartridge5161Subactam Ampicillincartridge5162Sulf. Timethoprimcartridge1164Taxo X IDcartridge1165Toxa V IDcartridge1166Salmonella O Poly (Gp A-S) (2 ml/vial)vial1167Shigella obysit Poly 1 (2ml/vial)vial1168Shigella boydii Poly 1 (2ml/vial)vial1164Taxo		Ceftazidime	cartridge		
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142Clarithromycinpack5143Imepenemcartridge5144Linezolidcartridge5145Bacitracin 0.04 Taxo Acartridge5146Cefinasecartridge5147Cefotaxime Clavulanic Acidcartridge5148Ceftazidime Clavulanic Acidcartridge5150EDTA Disccartridge5151Ertapenemcartridge5152Erythromycincartridge5153Meropenemcartridge5154Novobiocin Identification 5 ug Disccartridge5155Oxacillincartridge5156Oxidase strips (50 strips/pack)pack5157Piperacillin Tazobactamcartridge5158Polymixin B 300 ugcartridge5159Streptomycin 300cartridge5161Sulbactam Ampicillincartridge5162Sulf, Trimethoprimcartridge5163Taxo V IDcartridge1164Taxo X IVcartridge1165Salmonella O Poly (Gp A-S) (2 mi/vial)vial1168Shigella dysenteriae Polyvial1170Shigella dysenteriae Polyvial1171Haemophilus influenzae Type b (2 mi/vial)vial1172Brillein Agar (10 plates/pack)pack10173Bacterial Agar (10 plates/pack)pack	140	Chloramphenicol	cartridge	5	
143Imepenemcartridge5144Linezolidcartridge5145Bacitracin 0.04 Taxo Acartridge5146Cefinasecartridge5147Cefotaxime Clavulanic Acidcartridge5148Ceftazidime Clavulanic Acidcartridge5149Daptomycincartridge5150EDTA Disccartridge5151Erdpenemcartridge5152Erythromycincartridge5153Meropenemcartridge5154Novobiocin Identification 5 ug Disccartridge5155Oxidase strips (50 strips/pack)pack5156Oxidase strips (50 strips/pack)pack5157Piperacillin Tazobactamcartridge5158Polymixin 8 300 ugcartridge5161Sulbactam Ampicillincartridge5162Sulf, Trimethoprimcartridge5163Taxo V IDcartridge5164Salmonella O Poly (Gp A-S) (2 ml/vial)vial1165Salmonella O Poly (Gp A-S) (2 ml/vial)vial1163Shigella boydii Poly 1 (2ml/vial)vial1164Shigella dysenteriae Polyvial1165Shigella dysenteriae Polyvial1166Salmonella O Poly (Gp A-S) (2 ml/vial)vial1167Shigella dysenteriae Polyvial1170	141	Ciprofloxacin	cartridge	5	
144Linezolidcartridge5145Bacitracin 0.04 Taxo Acartridge5146Cefinasecartridge5147Cefotaxime Clavulanic Acidcartridge5148Ceftrazidime Clavulanic Acidcartridge5149Daptomycincartridge5150EDTA Disccartridge5152Erythromycincartridge5153Meropenemcartridge5154Novobiocin Identification 5 ug Disccartridge5155Oxacillincartridge5156Oxidase strips (50 strips/pack)pack5157Piperacillin Tazobactamcartridge5158Polymixin 8 300 ugcartridge5159Streptomycin 300cartridge5161Sulbactam Ampicillincartridge5162Sulf. Trimethoprimcartridge5163Taxo V IDcartridge5164Sulbactam Ampicillincartridge1165Taxo X IDcartridge1164Salmonella O Poly (Gp A-S) (2 ml/vial)vial1165Salmonella O Poly (Gp A-S) (2 ml/vial)vial1166Salmonella Vi Antisera (2 ml/vial)vial1167Shigella boydil Poly (2ml/vial)vial1168Shigella boydil Poly (2ml/vial)vial1169Shigella dysenteriae Polyvial1170Shigell	142	Clarithromycin	pack	5	
145Bacitracin 0.04 Taxo Acartridge5146Cefinasecartridge5147Cefotaxime Clavulanic Acidcartridge5148Ceftazidime Clavulanic Acidcartridge5149Daptomycincartridge5150EDTA Disccartridge5151Ertapenemcartridge5152Erythromycincartridge5153Meropenemcartridge5154Novobiocin Identification 5 ug Disccartridge5155Oxacllincartridge5156Oxidase strips (50 strips/pack)pack5157Piperacillin Tazobactamcartridge5158Polymixin 8 300 ugcartridge5159Streptomycin 300cartridge5161Sulfactam Ampicillincartridge5162Sulf. Timethoprimcartridge5163Taxo V IDcartridge1164Salmonella O Poly (Cp A-S) (2 ml/vial)vial1165Taxo X+V IDcartridge1166Salmonella O Poly (Cp A-S) (2 ml/vial)vial1170Biagela dysenteriae Polyvial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brillance MRSA 2 Agar (10 plates / pack)pack10173Bacterial Poloackpack10174Bile Esculin Agar (10 plates / pack)pack10175 </td <td>143</td> <td>Imepenem</td> <td>cartridge</td> <td>5</td> <td></td>	143	Imepenem	cartridge	5	
146Cefinasecartridge5147Cefotaxime Clavulanic Acidcartridge5148Ceftazidime Clavulanic Acidcartridge5149Daptomycincartridge5150EDTA Disccartridge3151Ertapenemcartridge5152Erythromycincartridge5153Meropenemcartridge5154Novobiocin Identification 5 ug Disccartridge5155Oxacillincartridge5156Oxaidase strips (50 strips/pack)pack5157Piperacillin Tazobactamcartridge5158Polymixin B 300 ugcartridge5159Streptomycin 300cartridge5160Gentamicin 120cartridge5161Sulbactam Ampicillincartridge5162Sulf. Timethoprimcartridge1164Taxo V IDcartridge1165Taxo V IDcartridge1166Salmonella O Poly (Gp A-S) (2 ml/vial)vial1167Salmonella O Vantisera (2 ml/vial)vial1168Shigella dysenteriae Polyvial1170Shigella dysenteriae Polyvial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brilliance MRSA 2 Agar (10 plates/pack)pack10173Bactiracin Chocolate Agar (10 plates/pack)pack10	144	Linezolid	cartridge	5	
147Cefotaxime Clavulanic Acidcartridge5148Ceftazidime Clavulanic Acidcartridge5149Daptomycincartridge5150EDTA Disccartridge5151Ertapenemcartridge5152Erythromycincartridge5153Meropenemcartridge5154Novobiocin Identification 5 ug Disccartridge5155Oxacillincartridge5156Oxidase strips (50 strips/pack)pack5157Piperacillin Tazbactamcartridge5158Polymixin B 300 ugcartridge5160Gentamicin 120cartridge5161Sulbactam Ampicillincartridge5162Sulf. Trimethoprimcartridge5163Taxo V IDcartridge1164Taxo X IDcartridge1165Taxo X IDcartridge1166Salmonella O Poly (Gp A-S) (2 ml/vial)vial1167Shigella dysenteriae Polyvial1168Shigella dysenteriae Polyvial1170Shigella dysenteriae Polyvial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brilliance MRSA 2 Agar (10 plates/pack)pack10173Bactiracin Chocolate Agar (10pack10174Bile Esculin Agar (10 plates/pack)pack10175	145	Bacitracin 0.04 Taxo A	cartridge	5	
148Ceffazidime Clavulanic Acidcartridge5149Daptomycincartridge5150EDTA Disccartridge3151Ertapenemcartridge5152Erythromycincartridge5153Meropenemcartridge5154Novobiocin Identification 5 ug Disccartridge5155Oxacillincartridge5156Oxidase strips (50 strips/pack)pack5157Piperacillin Tazobactamcartridge5158Polymixin B 300 ugcartridge5159Streptomycin 300cartridge5161Sulbactam Ampicillincartridge5162Sulf. Trimethoprimcartridge5163Taxo V IDcartridge1164Salmonella O Poly (Gp A-S) (2 ml/vial)vial1165Taxo X+V IDcartridge1166Salmonella O Poly (Gp A-S) (2 ml/vial)vial1167Shigella dysenteriae Polyvial1168Shigella dysenteriae Polyvial1170Shigella dysenteriae Polyvial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brilliance MRSA 2 Agar (10 plates/pack)pack10173Bactiracin Chocolate Agar (10pack10174Bile Esculin Agar (10 plates/pack)pack10175Dnase Agar (10 plates/pack)pack10 <td>146</td> <td>Cefinase</td> <td>cartridge</td> <td>5</td> <td></td>	146	Cefinase	cartridge	5	
149Daptomycincartridge5150EDTA Disccartridge3151Ertapenemcartridge5152Erythromycincartridge5153Meropenemcartridge5154Novobiocin Identification 5 ug Disccartridge5155Oxacillincartridge5156Oxidase strips (50 strips/pack)pack5157Piperacillin Tazobactamcartridge5158Polymkin 8 300 ugcartridge5159Streptomycin 300cartridge5160Gentamicin 120cartridge5161Sulbactam Ampicillincartridge5162Sulf. Trimethoprimcartridge1164Taxo X IDcartridge1165Taxo X+V IDcartridge1166Salmonella O Poly (Gp A-S) (2 ml/vial)vial1167Salanoella O Poly (Gp A-S) (2 ml/vial)vial1168Shigella dysenteriae Polyvial1169Shigella dysenteriae Polyvial1170Shigella dysenteriae Poly (2ml/vial)vial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brillance MRSA 2 Agar (10 plates / pack)pack10173Bacitracin Chocolate Agar (10 plates / pack)pack10174Bile Esculin Agar (10 plates/pack)pack10175Dnase Agar (10 plates/pack)pa	147	Cefotaxime Clavulanic Acid	cartridge	5	
150EDTA DiscCartridge3151Ertapenemcartridge5152Erythromycincartridge5153Meropenemcartridge5154Novobiocin Identification 5 ug Disccartridge5155Oxacillincartridge5156Oxidase strips (50 strips/pack)pack5157Piperacillin Tazobactamcartridge5158Polymixin 8 300 ugcartridge5159Streptomycin 300cartridge5160Gentamicin 120cartridge5161Sulbactam Ampicillincartridge5162Sulf. Trimethoprimcartridge1164Taxo X IDcartridge1165Taxo X+V IDcartridge1166Salmonella O Poly (Gp A-S) (2 ml/vial)vial1167Salanoella O Poly (Gp A-S) (2 ml/vial)vial1168Shigella dysentericae Polyvial1169Shigella dysentericae Polyvial1170Shigella dysentericae Polyvial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brillance MRSA 2 Agar (10 plates / pack)pack10173Bacitracin Chocolate Agar (10pack10174Bile Esculin Agar (10 plates/pack)pack10175Dnase Agar (10 plates/pack)pack10	148	Ceftazidime Clavulanic Acid	cartridge	5	
151Ertapenemcartridge5152Erythromycincartridge5153Meropenemcartridge5154Novobiocin Identification 5 ug Disccartridge5155Oxacillincartridge5156Oxidase strips (50 strips/pack)pack5157Piperacillin Tazobactamcartridge5158Polymixin B 300 ugcartridge5159Streptomycin 300cartridge5160Gentamicin 120cartridge5161Sulbactam Ampicillincartridge5162Sulf. Trimethoprimcartridge1164Taxo V IDcartridge1165Taxo X+V IDcartridge1166Salmonella O Poly (Gp A-S) (2 ml/vial)vial1167Salmonella Vi Antisera (2 ml/vial)vial1168Shigella boydii Poly 1 (2ml/vial)vial1170Shigella dysenteriae Poly (2ml/vial)vial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brilliance MRSA 2 Agar (10 plates / pack)pack10173Bacitracin Chocolate Agar (10 plates/pack)pack10174Bile Esculin Agar (10 plates/pack)pack10175Dnase Agar (10 plates/pack)pack10	149	Daptomycin	cartridge	5	
152Erythromycincartridge5153Meropenemcartridge5154Novobiocin Identification 5 ug Disccartridge5155Oxacillincartridge5156Oxidase strips (50 strips/pack)pack5157Piperacillin Tazobactamcartridge5158Polymixin B 300 ugcartridge5159Streptomycin 300cartridge5161Sulbactam Ampicillincartridge5162Sulf. Trimethoprimcartridge5163Taxo V IDcartridge1164Taxo X IDcartridge1165Taxo X+V IDcartridge1166Salmonella O Poly (Gp A-S) (2 ml/vial)vial1167Salmonella Vi Antisera (2 ml/vial)vial1168Shigella dysenteriae Polyvial1170Shigella dysenteriae Polyvial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brilliance MRSA 2 Agar (10 plates / pack)pack10173Bacitracin Chocolate Agar (10pack10174Bile Esculin Agar (10 plates/pack)pack10175Dnase Agar (10 plates/pack)pack10	150	EDTA Disc	cartridge	3	
153Meropenemcartridge5154Novobiocin Identification 5 ug Disccartridge5155Oxacillincartridge5156Oxidase strips (50 strips/pack)pack5157Piperacillin Tazobactamcartridge5158Polymixin 8 300 ugcartridge5159Streptomycin 300cartridge5160Gentamicin 120cartridge5161Sulbactam Ampicillincartridge5162Sulf. Trimethoprimcartridge1164Taxo V IDcartridge1165Taxo X+V IDcartridge1166Salmonella O Poly (Gp A-S) (2 ml/vial)vial1167Salmonella O Poly (Gp A-S) (2 ml/vial)vial1168Shigella boydii Poly 1 (2ml/vial)vial1170Shigella dysenteriae Poly (2ml/vial)vial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brilliance MRSA 2 Agar (10 plates / pack)pack10173Bactiriac Chocolate Agar (10 plates/pack)pack10174Bile Esculin Agar (10 plates/pack)pack10175Dnase Agar (10 plates/pack)pack10	151	Ertapenem	cartridge	5	
154Novobiocin Identification 5 ug DiscCartridge5155Oxacillincartridge5156Oxidase strips (50 strips/pack)pack5157Piperacillin Tazobactamcartridge5158Polymixin 8 300 ugcartridge5159Streptomycin 300cartridge5160Gentamicin 120cartridge5161Sulbactam Ampicillincartridge5162Sulf. Trimethoprimcartridge5163Taxo V IDcartridge1164Taxo X IDcartridge1165Taxo X+V IDcartridge1166Salmonella O Poly (Gp A-S) (2 ml/vial)vial1167Salmonella O Poly (Gp A-S) (2 ml/vial)vial1168Shigella boydii Poly 1 (2ml/vial)vial1170Shigella dysenteriae Poly (2ml/vial)vial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brilliance MRSA 2 Agar (10 plates / pack)pack10173Bactiracin Chocolate Agar (10 plates/pack)pack10174Bile Esculin Agar (10 plates/pack)pack10175Dnase Agar (10 plates/pack)pack10	152	Erythromycin	cartridge	5	
154Novobiocin Identification 5 ug Disccartridge5(60) Calendar155Oxacillincartridge5Days Upon156Oxidase strips (50 strips/pack)pack5Notice to157Piperacillin Tazobactamcartridge5Notice to158Polymixin B 300 ugcartridge5Notice to159Streptomycin 300cartridge5notice to160Gentamicin 120cartridge5notice to161Sulbactam Ampicillincartridge5162162Sulf. Trimethoprimcartridge1164Taxo V IDcartridge1165Taxo X +V IDcartridge1166Salmonella O Poly (Gp A-S) (2 ml/vial)vial1167Salmonella O Poly (Gp A-S) (2 ml/vial)vial1168Shigella boydii Poly 1 (2ml/vial)vial1169Shigella dysenteriae Poly (2ml/vial)vial1170Shigella flexneri Poly (2ml/vial)vial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brilliance MRSA 2 Agar (10 plates / pack)pack10173Bactiracin Chocolate Agar (10 plates/pack)pack10174Bile Esculin Agar (10 plates/pack)pack10175Dnase Agar (10 plates/pack)pack10	153	Meropenem	cartridge	5	Within Sixty
156Oxidase strips (50 strips/pack)pack5157Piperacillin Tazobactamcartridge5158Polymixin B 300 ugcartridge5159Streptomycin 300cartridge2160Gentamicin 120cartridge5161Sulbactam Ampicillincartridge5162Sulf. Trimethoprimcartridge1164Taxo X IDcartridge1165Taxo X+V IDcartridge1166Salmonella O Poly (Gp A-S) (2 ml/vial)vial1167Salmonella O Poly (Gp A-S) (2 ml/vial)vial1168Shigella dysenteriae Polyvial1169Shigella dysenteriae Polyvial1170Shigella flexneri Poly (2ml/vial)vial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brilliance MRSA 2 Agar (10 plates / pack)pack10173Bactiracin Chocolate Agar (10pack10175Dnase Agar (10 plates/pack)pack10	154	Novobiocin Identification 5 ug Disc	cartridge	5	5
156Oxidads strips (30 strips/pack)pack5157Piperacillin Tazobactamcartridge5158Polymixin B 300 ugcartridge5159Streptomycin 300cartridge2160Gentamicin 120cartridge5161Sulbactam Ampicillincartridge5162Sulf, Trimethoprimcartridge1164Taxo V IDcartridge1165Taxo X IDcartridge1164Salmonella O Poly (Gp A-S) (2 ml/vial)vial1166Salmonella O Poly (Gp A-S) (2 ml/vial)vial1167Salmonella Vi Antisera (2 ml/vial)vial1168Shigella dysenteriae Polyvial1170Shigella flexneri Poly (2ml/vial)vial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brilliance MRSA 2 Agar (10 plates / pack)pack10174Bile Esculin Agar (10 plates/pack)pack10175Dnase Agar (10 plates/pack)pack10	155	Oxacillin	cartridge	5	
157Piperacillin Tazobactamcartridge5158Polymixin B 300 ugcartridge5159Streptomycin 300cartridge2160Gentamicin 120cartridge5161Sulbactam Ampicillincartridge5162Sulf. Trimethoprimcartridge1163Taxo V IDcartridge1164Taxo X IDcartridge1165Taxo X+V IDcartridge1166Salmonella O Poly (Gp A-S) (2 ml/vial)vial1167Salmonella O Poly (Gp A-S) (2 ml/vial)vial1168Shigella boydii Poly 1 (2ml/vial)vial1170Shigella dysenteriae Poly (2ml/vial)vial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brilliance MRSA 2 Agar (10 plates / pack)pack10173Bacitracin Chocolate Agar (10 plates/pack)pack10174Bile Esculin Agar (10 plates/pack)pack10	156	Oxidase strips (50 strips/pack)	pack	5	
159Streptomycin 300cartridge2160Gentamicin 120cartridge5161Sulbactam Ampicillincartridge5162Sulf. Trimethoprimcartridge5163Taxo V IDcartridge1164Taxo X IDcartridge1165Taxo X+V IDcartridge1165Taxo X+V IDcartridge1166Salmonella O Poly (Gp A-S) (2 ml/vial)vial1167Salmonella Vi Antisera (2 ml/vial)vial1168Shigella boydii Poly 1 (2ml/vial)vial1169Shigella dysenteriae Poly (2ml/vial)vial1170Shigella flexneri Poly (2ml/vial)vial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brilliance MRSA 2 Agar (10 plates / pack)pack10173Bacitracin Chocolate Agar (10 plates/pack)pack10174Bile Esculin Agar (10 plates/pack)pack10	157	Piperacillin Tazobactam	cartridge	5	
160Gentamicin 120cartridge5161Sulbactam Ampicillincartridge5162Sulf. Trimethoprimcartridge5163Taxo V IDcartridge1164Taxo X IDcartridge1165Taxo X+V IDcartridge1165Taxo X+V IDcartridge1166Salmonella O Poly (Gp A-S) (2 ml/vial)vial1167Salmonella O Poly (Gp A-S) (2 ml/vial)vial1168Shigella boydii Poly 1 (2ml/vial)vial1169Shigella dysenteriae Poly (2ml/vial)vial1170Shigella flexneri Poly (2ml/vial)vial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brilliance MRSA 2 Agar (10 plates / pack)pack10174Bile Esculin Agar (10 plates/pack)pack10175Dnase Agar (10 plates/pack)pack10	158	Polymixin B 300 ug	cartridge	5	
161Sulbactam Ampicillincartridge5162Sulf. Trimethoprimcartridge5163Taxo V IDcartridge1164Taxo X IDcartridge1165Taxo X+V IDcartridge1165Taxo X+V IDcartridge1166Salmonella O Poly (Gp A-S) (2 ml/vial)vial1167Salmonella Vi Antisera (2 ml/vial)vial1168Shigella boydii Poly 1 (2ml/vial)vial1169Shigella dysenteriae Poly (2ml/vial)vial1170Shigella flexneri Poly (2ml/vial)vial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brilliance MRSA 2 Agar (10 plates / pack)pack10173Bacitracin Chocolate Agar (10 plates/pack)pack10174Bile Esculin Agar (10 plates/pack)pack10	159	Streptomycin 300	cartridge	2	
162Sulf. Trimethoprimcartridge5163Taxo V IDcartridge1164Taxo X IDcartridge1165Taxo X+V IDcartridge1165Taxo X+V IDcartridge1166Salmonella O Poly (Gp A-S) (2 ml/vial)vial1167Salmonella Vi Antisera (2 ml/vial)vial1168Shigella boydii Poly 1 (2ml/vial)vial1169Shigella dysenteriae Poly (2ml/vial)vial1170Shigella flexneri Poly (2ml/vial)vial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brilliance MRSA 2 Agar (10 plates / pack)pack10173Bacitracin Chocolate Agar (10 plates/pack)pack10174Bile Esculin Agar (10 plates/pack)pack10	160	Gentamicin 120	cartridge	5	
163Taxo V IDcartridge1164Taxo X IDcartridge1165Taxo X+V IDcartridge1165Taxo X+V IDcartridge1166Salmonella O Poly (Gp A-S) (2 ml/vial)vial1167Salmonella Vi Antisera (2 ml/vial)vial1168Shigella boydii Poly 1 (2ml/vial)vial1169Shigella dysenteriae Poly (2ml/vial)vial1170Shigella flexneri Poly (2ml/vial)vial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brilliance MRSA 2 Agar (10 plates / pack)pack10173Bacitracin Chocolate Agar (10 plates/pack)pack10174Bile Esculin Agar (10 plates/pack)pack10175Dnase Agar (10 plates/pack)pack10	161	Sulbactam Ampicillin	cartridge	5	
164Taxo X IDcartridge165Taxo X+V IDcartridge165Taxo X+V IDcartridge166Salmonella O Poly (Gp A-S) (2 ml/vial)vial167Salmonella Vi Antisera (2 ml/vial)vial168Shigella boydii Poly 1 (2ml/vial)vial169Shigella dysenteriae Poly (2ml/vial)vial170Shigella flexneri Poly (2ml/vial)vial171Haemophilus influenzae Type b (2 ml/vial)vial172Brilliance MRSA 2 Agar (10 plates / pack)pack173Bacitracin Chocolate Agar (10 plates/pack)pack174Bile Esculin Agar (10 plates/pack)pack175Dnase Agar (10 plates/pack)pack	162	Sulf. Trimethoprim	cartridge	5	
165Taxo X+V IDcartridge165Taxo X+V IDcartridge1Bacterial Grouping:166Salmonella O Poly (Gp A-S) (2 ml/vial)vial1167Salmonella Vi Antisera (2 ml/vial)vial1168Shigella boydii Poly 1 (2ml/vial)vial1169Shigella dysenteriae Poly (2ml/vial)vial1170Shigella flexneri Poly (2ml/vial)vial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brilliance MRSA 2 Agar (10 plates / pack)pack10173Bacitracin Chocolate Agar (10 plates/pack)pack10174Bile Esculin Agar (10 plates/pack)pack10175Dnase Agar (10 plates/pack)pack10	163	Taxo V ID	cartridge	1	
Bacterial Grouping:166Salmonella O Poly (Gp A-S) (2 ml/vial)vial1167Salmonella Vi Antisera (2 ml/vial)vial1168Shigella boydii Poly 1 (2ml/vial)vial1169Shigella dysenteriae Poly (2ml/vial)vial1170Shigella flexneri Poly (2ml/vial)vial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brilliance MRSA 2 Agar (10 plates / pack)pack10173Bacitracin Chocolate Agar (10 plates/pack)pack10174Bile Esculin Agar (10 plates/pack)pack10175Dnase Agar (10 plates/pack)pack10	164	Taxo X ID	cartridge	1	
166Salmonella O Poly (Gp A-S) (2 ml/vial)vial1167Salmonella Vi Antisera (2 ml/vial)vial1168Shigella boydii Poly 1 (2ml/vial)vial1169Shigella dysenteriae Poly (2ml/vial)vial1170Shigella flexneri Poly (2ml/vial)vial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brilliance MRSA 2 Agar (10 plates / pack)pack10173Bacitracin Chocolate Agar (10 plates/pack)pack10174Bile Esculin Agar (10 plates/pack)pack10175Dnase Agar (10 plates/pack)pack10	165	Taxo X+V ID	cartridge	1	
167Salmonella Vi Antisera (2 ml/vial)vial1168Shigella boydii Poly 1 (2ml/vial)vial1169Shigella dysenteriae Poly (2ml/vial)vial1170Shigella flexneri Poly (2ml/vial)vial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brilliance MRSA 2 Agar (10 plates / pack)pack10173Bacitracin Chocolate Agar (10 plates/pack)pack10174Bile Esculin Agar (10 plates/pack)pack10175Dnase Agar (10 plates/pack)pack10		Bacterial Grouping:			
168Shigella boydii Poly 1 (2ml/vial)vial1169Shigella dysenteriae Poly (2ml/vial)vial1170Shigella flexneri Poly (2ml/vial)vial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brilliance MRSA 2 Agar (10 plates / pack)pack10173Bacitracin Chocolate Agar (10 plates/pack)pack10174Bile Esculin Agar (10 plates/pack)pack10175Dnase Agar (10 plates/pack)pack10	166	Salmonella O Poly (Gp A-S) (2 ml/vial)	vial	1	
169Shigella dysenteriae Poly (2ml/vial)vial1170Shigella flexneri Poly (2ml/vial)vial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brilliance MRSA 2 Agar (10 plates / pack)pack10173Bacitracin Chocolate Agar (10pack10174Bile Esculin Agar (10 plates/pack)pack10175Dnase Agar (10 plates/pack)pack10	167	Salmonella Vi Antisera (2 ml/vial)	vial	1	
(2ml/vial)vial170Shigella flexneri Poly (2ml/vial)vial1171Haemophilus influenzae Type b (2 ml/vial)vial1172Brilliance MRSA 2 Agar (10 plates / pack)pack10173Bacitracin Chocolate Agar (10pack10174Bile Esculin Agar (10 plates/pack)pack10175Dnase Agar (10 plates/pack)pack10	168	Shigella boydii Poly 1 (2ml/vial)	vial	1	
171Haemophilus influenzae Type b (2 ml/vial)vial1172Brilliance MRSA 2 Agar (10 plates / pack)pack10173Bacitracin Chocolate Agar (10 plates/pack)pack10174Bile Esculin Agar (10 plates/pack)pack10175Dnase Agar (10 plates/pack)pack10	169		vial	1	
172Brilliance MRSA 2 Agar (10 plates / pack)pack10173Bacitracin Chocolate Agar (10 plates/pack)pack10174Bile Esculin Agar (10 plates/pack)pack10175Dnase Agar (10 plates/pack)pack10	170	Shigella flexneri Poly (2ml/vial)	vial	1	
173Bacitracin Chocolate Agar (10 plates/pack)pack10174Bile Esculin Agar (10 plates/pack)pack10175Dnase Agar (10 plates/pack)pack10	171	Haemophilus influenzae Type b (2 ml/vial)	vial	1	
plates/pack)n174Bile Esculin Agar (10 plates/pack)pack10175Dnase Agar (10 plates/pack)pack10	172	Brilliance MRSA 2 Agar (10 plates / pack)	pack	10	
175 Dnase Agar (10 plates/pack) pack 10		plates/pack)	-		
176CTA 5ml (10 tubes/pack)pack10			•		
	176	CTA 5ml (10 tubes/pack)	pack	10	

Schedule of Requirements Page 9 of 11

177         CTA + Success Sml (10 tubes/pack)         pack         10           178         CTA + Maltose Sml (10 tubes/pack)         pack         10           179         CTA + Dextrose Sml (10 tubes/pack)         pack         10           180         CTA + Lactose Sml (10 tubes/pack)         pack         4           182         OF+ Maltose Sml (50 tubes/pack)         pack         4           183         Of + Dextrose Sml (50 tubes/pack)         pack         4           184         Of + Lactose Sml (50 tubes/pack)         pack         4           186         Of + SUCROSE Sml (50 tubes/pack)         pack         4           186         Of + SUCROSE Sml (50 tubes/pack)         pack         2           188         Anceirobic gas pack (20 pcs/pack)         pack         2           189         Anloclawe deedorant Lemon fragrant         bottle         2           190         Autoclawe deedorant Lemon fragrant         kit         2           191         6.3% NaCl 2.5ml/tube         tube         10           192         Bile solubility reagent         kit         2           193         Vogues Fraskouer reagent         kit         3           196         Crystal Violet, 1 liter         bottle					
179         CTA + Dextrose 5ml (10 tubes/pack)         pack         10           180         CTA + Lactose 5 ml (10 tubes/pack)         pack         10           181         MD + 23 Omithine 5 ml (50 tubes/pack)         pack         4           183         Of + Dextrose 5ml (50 tubes/pack)         pack         4           183         Of + Dextrose 5ml (50 tubes/pack)         pack         4           184         Of + Lactose 5 ml (50 tubes/pack)         pack         4           185         Of + SUCROSE 5ml (50 tubes/pack)         pack         4           186         Of + SUCROSE 5ml (50 tubes/pack)         pack         4           186         Of + SUCROSE 5ml (50 tubes/pack)         pack         2           188         Anderobic gas pack (20 pcs/pack)         pack         2           189         Amies transport swab(50pcs/pack)         pack         1           191         6.5% NACI 2.5ml/tube         tube         10           192         Bile solubility reagent         kit         2           193         Vagues Proskauer reagent         kit         3           194         Vitox Rehydration Fluid for 500 ml of mol full         1         Days Upon           195         PYR disc with reagent (25 test/kit	177	CTA + Sucrose 5ml (10 tubes/pack)	pack	10	
180         CTA + Lactose 5 ml (10 tubes/pack)         pack         10           181         MD + 2% Omithine 5 ml (50 tubes/pack)         pack         4           182         OF+ Maltises 5ml (50 tubes/pack)         pack         4           183         Of + Dextrose 5ml (50 tubes/pack)         pack         4           184         Of + Lactose 5 ml (50 tubes/pack)         pack         4           186         Of + SUCROSE 5ml (50 tubes/pack)         pack         4           186         Of + SUCROSE 5ml (50 tubes/pack)         pack         2           188         Anaerobic gas pack (20 pcs/pack)         pack         2           189         Amicrobic gas pack (20 pcs/pack)         pack         5           190         Autoclave deodorant Lemon fragrant         bottle         2           191         6.55 NACI 2.5ml/tube         tube         10           192         Bile solubility reagent         kit         2           193         Vagues Proskauer raagent         kit         2           194         Vitox Rehydration Fluid for 500 ml of medium         bottle         2           197         Crams loaine, 1 liter         bottle         2           198         Scanine, 1 liter         bottle	178	CTA + Maltose 5ml (10 tubes/pack)	pack	10	
181         MD + 2% Omithine 5 ml (50 tubes/pack)         pack         4           182         OF+ Maltose 5ml (50 tubes/pack)         pack         4           183         Of + Dextrose 5ml (50 tubes/pack)         pack         4           184         Of + Lactose 5 ml (50 tubes/pack)         pack         4           185         Of + SUCROSE 5ml (50 tubes/pack)         pack         4           186         Of + Xylose 5ml (50 tubes/pack)         pack         2           188         Anderobic gas pack (20 pcs/pack)         pack         2           189         Amiestransport swab (50pcs/pack)         pack         5           190         Aulociave decolorant Lemon fragrant         boltlle         2           191         6.5% NACI 2.5ml/tube         tube         10           192         Bile solubility reagent         kit         2           193         Vogues Proskauer reagent         kiti         3           194         Vitox Rehydration Fluid for 500 ml of medium         bottlle         2           197         Grams lodine, 1 liter         bottlle         2           198         Saranine, 1 liter         bottlle         2           199         Crystal Violet, 1 liter         bottlle	179	CTA + Dextrose 5ml (10 tubes/pack)	pack	10	
182     OF+ Maltose Sml (50 tubes/pack)     pack     4       183     Of + Dextrose Sml (50 tubes/pack)     pack     4       184     Of + Lactose S ml (50 tubes/pack)     pack     4       185     Of + SUCROSE Sml (50 tubes/pack)     pack     4       186     Of + SUCROSE Sml (50 tubes/pack)     pack     4       186     Of + SUCROSE Sml (50 tubes/pack)     pack     4       187     Alkaline Peptone Water (50 tubes/pack)     pack     2       188     Anaerobic gas pack (20 pcs/pack)     pack     5       190     Autoclave deadorant Lemon fragrant     bottlie     2       191     6.5% NACI 2.5ml/tube     tube     100       192     Bile solubility reagent     kit     2       193     Vagues Proskauer reagent     kit     3       194     Vitox Rehydration Fluid for 500 ml of medium     bottlie     2       197     Grams lodine, 1 liter     bottlie     2       198     Saranine, 1 liter     bottlie     2       199     Crystal Violet, 1 liter     bottlie     1       201     Bile Sculin Agar.500 grams     bottlie     1       202     Mueller Hinton Agar.500 grams     bottlie     1       203     Selenitle Broth 500 grms     bottlie	180	CTA + Lactose 5 ml (10 tubes/pack)	pack	10	
183     Of + Dextrose 5ml (50 tubes/pack)     pack     4       184     Of + Lactose 5 ml (50 tubes/pack)     pack     4       185     Of + SUCROSE 5ml (50 tubes/pack)     pack     4       186     Of + Xylose 5ml (50 tubes/pack)     pack     4       187     Alkaline Peptone Water (50 tubes/pack)     pack     2       188     Anaerobic gas pack (20 pcs/pack)     pack     2       189     Amies transport swab(50pcs/pack)     pack     5       190     Autoclave deodorant Lemon fragrant 100 pcs     bottle     2       191     6.5% NaCl 2.5ml/tube     tube     10       192     Bile solubility reagent     kit     2       193     Vogues Proskauer reagent     kit     3       194     Vitox Rehydration Fluid for 500 ml of medium     bottle     2       195     PYR disc with reagent (25 test/kit)     kit     3       198     Saranine, 1 liter     bottle     2       199     Crystal Violet, 1 liter     bottle     2       200     Carbol Fuchsin, 1 liter     bottle     2       201     Bile Esculin Agar,500 grams     bottle     1       202     Mueller Hinton Agar, 500 grams     bottle     1       204     Urease Broth 500 grams     bot	181	MD + 2% Ornithine 5 ml (50 tubes/pack)	pack	4	
184Of + Lactose 5 ml (50 tubes/pack)pack4185Of + SUCROSE 5ml (50 tubes/pack)pack4186Of + SUCROSE 5ml (50 tubes/pack)pack4187Alkafine Peptone Water (50 tubes/pack)pack2188Anaerobic gas pack (20 pcs/pack)pack2189Amies transport swab(50pcs/pack)pack2190Autoclave deodorant Lemon fragrantbottle21916.5% NaCl 2.5ml/tubetube100192Bile solubility reagentkit2193Vogues Proskauer reagentkit2194Vitox Rehydration Fluid for 500 ml of mediumbottle2195PYR disc with reagent (25 test/kit)kit3196Methylene Blue, 1 literbottle2197Grams lodine, 1 literbottle2198Saranine, 1 literbottle2199Crystol Violet, 1 literbottle2201Bile Esculin Agar, 500 gramsbottle1202Mueller Hinton Agar, 500 gramsbottle1203Selenite Broth 500 gramsbottle1204Urease Broth 500 gramsbottle1205Petri Dish Disposable Plastic Sterile Full biplate 22 sections) 90 x 15mm x 10% biologixpack10206Petri Dish Disposable Plastic Sterile Full biplate 12 sections 20 x 1 siloogixpack11202Petri Dish Disposable Plastic Sterile Full biplate 12 sections 90 x 15mm x 10% bio	182	OF+ Maltose 5ml (50 tubes/pack)	pack	4	
185Of + SUCROSE 5ml (50 tubes/pack)pack4186Of+ Xylose 5ml (50 tubes/pack)pack4187Alkaline Peptone Water (50 tubes/pack)pack2188Anaerobic gas pack (20 pcs/pack)pack2189Amies transport swab(50pcs/pack)pack2190Autoclave deodorant Lemon fragrantbottle21916.5% NaCl 2.5ml/tubetube10192Bile solubility reagentkit2193Vogues Proskauer reagentkit2194Vitox Rehydration Fluid for 500 ml of mediumbottle2195PYR disc with reagent (25 test/kit)kit3196Methylene Blue, 1 literbottle2197Grams Iodine, 1 literbottle2198Saranine, 1 literbottle2200Carbol Fuchsin, 1 literbottle2201Bile Esculin Agar, 500 gramsbottle1202Mueller Hinton Agar, 500 gramsbottle1203Selenite Broth 500 gramsbottle1204Urease Broth 500 gramsbottle1205Petri Dish Disposable Plastic Sterile Full plate 90 x 15mm x 10's, Biologixpack10206Petri Dish Disposable Plastic Sterile Full plate 12 sections) 90 x 15mm x 10's, Biologixpack10202Mueller Hinton Agar, 500 gramsbottle1203Selenite Broth Stole Sterile Full plate 90 x 15mm x 10's, Biologixpack1	183	Of + Dextrose 5ml (50 tubes/pack)	pack	4	
186Of+ Xylose Sml (50 tubes/pack)pack4187Alkaline Peptone Water (50 tubes/pack)pack2188Anaerobic gas pack (20 pcs/pack)pack2189Amies transport swab(50pcs/pack)pack5190Autoclave deodorant Lemon fragrantbottle21916.5% NaCl 2.5ml/tubetube10192Bile solubility reagentkit2193Vogues Proskauer reagentkit2194Vitox Rehydration Fluid for 500 ml of mediumbottle2195PYR disc with reagent (25 test/kit)kit3196Methylene Blue, 1 literbottle2197Grams lodine, 1 literbottle2198Saranine, 1 literbottle2200Carbal Fuchsin, 1 literbottle2201Bile Esculin Agar, 500 gramsbottle1202Mueller Hinton Agar, 500 gramsbottle1203Selenite Broth 500 gramsbottle1204Urease Broth 500 gramsbottle1205Petri Dish Disposable Plastic Sterile Full plate 150 x 15mm x 10's, Biologixpack10206Petri Dish Disposable Plastic Sterile Full plate 150 x 15mm x 10's, Biologix10207Petri Dish Disposable Plastic Sterile Full plate 150 x 15mm x 10's, Biologix10208Stoapphylococcus Aureus (ATCC 27823) Sloops/pack11210Stapphylococcus Aureus (ATCC 27921) Sloops/pack1 <t< td=""><td>184</td><td>Of + Lactose 5 ml (50 tubes/pack)</td><td>pack</td><td>4</td><td></td></t<>	184	Of + Lactose 5 ml (50 tubes/pack)	pack	4	
187Alkaline Peptone Water (S0 tubes/pack)pack2188Anderobic gas pack (20 pcs/pack)pack2189Amies transport swab(50pcs/pack)pack5190Autoclave deodorant Lemon fragrantbottle2100 pcs100 pcstube101916.5% NaCl 2.5ml/tubetube10192Bile solubility reagentkit2193Vogues Proskauer reagentkit2194Vitox Rehydration Fluid for 500 ml of mediumbottle2195PYR disc with reagent (25 test/kit)kit3196Methylene Blue, 1 literbottle2197Grans Iodine, 1 literbottle2198Saranine, 1 literbottle2200Carbol Fuchsin, 1 literbottle2201Bile Esculin Agar, 500 gramsbottle1202Mueller Hinton Agar, 500 gramsbottle1204Urease Broth 500 gramsbottle1205Petri Dish Disposable Plastic Sterile Full plate 90 x 15mm x 10's, Biologixpack10206Petri Dish Disposable Plastic Sterile Full plate 150 x 15mm x 10's, Biologixpack11207Petri Dish Disposable Plastic Sterile Full plate 150 x 15mm x 10's, Biologixpack10208Pseudomonas aeruginosa (ATCC 27823) Sloops/packpack1209Stapphylocaccus Aureus (ATCC 27921) Sloops/packpack1210Stapphylocaccus Aureus (ATCC 2	185	Of + SUCROSE 5ml (50 tubes/pack)	pack	4	
188Anaerobic gas pack (20 pcs/pack)pack2189Amies transport swab(50pcs/pack)pack5190Autoclave deodorant Lemon fragrantbottle21016.5% NaCI 2.5ml/tubetube101916.5% NaCI 2.5ml/tubetube10192Bile solubility reagentkit2193Vogues Proskauer reagentkit2194Vitox Rehydration Fluid for 500 ml of mediumbottle2195PYR disc with reagent (25 test/kit)kit3196Methylene Blue, 1 literbottle2197Grams locine, 1 literbottle2198Saranine, 1 literbottle2199Crystal Violet, 1 literbottle2200Carbol Fuchsin, 1 literbottle2201Bile Esculin Agar, 500 gramsbottle1202Mueller Hinton Agar, 500 gramsbottle1203Selenite Broth 500 gramsbottle1204Urease Broth 500 gramsbottle1205Petri Dish Disposable Plastic Sterile Full plate 90 x 15mm x 10's, Biologixpack10206Petri Dish Disposable Plastic Sterile Full plate 150 x 15mm x 10's, Biologixpack1207Petri Dish Disposable Plastic Sterile Full plate 150 x 15mm x 10's, Biologixpack1208Pseudomonas aeruginosa (ATCC 27853) sloops/pack1sloops/pack1210Stapphylococcus Aureus (ATCC 29212) sloo	186	Of+ Xylose 5ml (50 tubes/pack)	pack	4	
188Anaerobic gas pack (20 pcs/pack)pack2189Amies transport swab(50pcs/pack)pack5190Autoclave deodorant Lemon fragrantbottle21016.5% NaCl 2.5ml/tubetube101916.5% NaCl 2.5ml/tubetube10192Bile solubility reagentkit2193Vogues Proskauer reagentkit2194Vitox Rehydration Fluid for 500 ml of mediumbottle2195PYR disc with reagent (25 test/kit)kit3196Methylene Blue, 1 literbottle2197Grams lodine, 1 literbottle2198Saranine, 1 literbottle2199Crystal Violet, 1 literbottle2200Carbol Fuchsin, 1 literbottle2201Bile Esculin Agar, 500 gramsbottle1202Mueller Hinton Agar, 500 gramsbottle1203Selenite Broth 500 gramsbottle1204Urease Broth 500 gramsbottle1205Petri Dish Disposable Plastic Sterilepack10plate 90 x 15mm x 10's, Biologixpack10plate 90 x 15mm x 10's, Biologixpack1207Petri Dish Disposable Plastic Sterile Fullpack1208Pseudomonas aeruginosa (ATCC 27853)pack1209Stapphylococcus Aureus (ATCC 27823)pack1210Stapphylococcus Aureus (ATCC 29212)pack <t< td=""><td>187</td><td>Alkaline Peptone Water (50 tubes/pack)</td><td>pack</td><td>2</td><td></td></t<>	187	Alkaline Peptone Water (50 tubes/pack)	pack	2	
189Amies transport swab (S0pcs/pack)pack5190Autoclave deodorant Lemon fragrantbottle2100 pcs100 pcstube101916.5% NaCl 2.5ml/tubetube10192Bile solubility reagentkit2193Vogues Proskauer reagentkit2194Vitox Rehydration Fluid for 500 ml of mediumbottle2195PYR disc with reagent (25 test/kit)kit3196Methylene Blue, 1 literbottle2197Grams lodine, 1 literbottle2198Saranine, 1 literbottle2199Crystal Violet, 1 literbottle2200Carbol Fuchsin, 1 literbottle2201Bile Esculin Agar,500 gramsbottle1202Mueller Hinton Agar, 500 gramsbottle1203Selenite Broth 500 gramsbottle1204Urease Broth 500 gramsbottle1205Petri Dish Disposable Plastic Sterile Full plate 90 x 15mm x 10's, Biologixpack10206Petri Dish Disposable Plastic Sterile Full plate 150 x 15mm x 10's, Biologixpack1207Petri Dish Disposable Plastic Sterile Full plate 150 x 15mm x 10's, Biologixpack1208Pseudomans aeruginosa (ATCC 27853) Sloops/packpack1210Stapphylococcus Aureus (ATCC 29212) Sloops/packpack1211Enterichia Coli (ATCC 35218) Sloops/pack <td< td=""><td>188</td><td></td><td>-</td><td>2</td><td></td></td<>	188		-	2	
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200Carbol Fuchsin, 1 literbottle2201Bile Esculin Agar,500 gramsbottle1202Mueller Hinton Agar, 500 gramsbottle2203Selenite Broth 500 gramsbottle1204Urease Broth 500 gramsbottle1205Petri Dish Disposable Plastic Sterile Full plate 90 x 15mm x 10's, Biologixpack10206Petri Dish Disposable Plastic Sterile Biplate(2 sections) 90 x 15mm x 10's, Biologixpack10207Petri Dish Disposable Plastic Sterile plate 150 x 15mm x 10's, Biologixpack10208Pseudomonas aeruginosa (ATCC 27853) Sloops/packpack1209Stapphylococcus Aureus (ATCC 25923) Sloops/packpack1210Stapphylococcus Aureus (ATCC 29213) Sloops/packpack1211Entercoccus faecalis (ATCC 25922) Sloops/packpack1213Escherichia Coli (ATCC 35218) Sloops/packpack1214Haemophilus Influenza (ATCC40247) Sloops/packpack1215Streptococcus pneumonia (ATCC 49619)pack1	198	Saranine, 1 liter	bottle	2	
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203Selenite Broth 500 gramsbottle1204Urease Broth 500 grmsbottle1205Petri Dish Disposable Plastic Sterile Full plate 90 x 15mm x 10's, Biologixpack10206Petri Dish Disposable Plastic Sterile Biplate(2 sections) 90 x 15mm x 10's,Biologixpack10207Petri Dish Disposable Plastic Sterile Full plate 150 x 15mm x 10's, Biologixpack10208Pseudomonas aeruginosa (ATCC 27853) Sloops/packpack1209Stapphylococcus Aureus (ATCC 25923) Sloops/packpack1210Stapphylococcus Aureus (ATCC 29213) Sloops/packpack1211Enterococcus faecalis (ATCC 25922) Sloops/packpack1212Escherichia Coli (ATCC 25922) Sloops/packpack1213Escherichia Coli (ATCC 35218) Sloops/packpack1214Haemophilus Influenza (ATCC40247) Sloops/packpack1215Streptococcus pneumonia (ATCC 49619)pack1	201	Bile Esculin Agar,500 grams	bottle	1	
204Urease Broth 500 gmsbottle1205Petri Dish Disposable Plastic Sterile Full plate 90 x 15mm x 10's, Biologixpack10206Petri Dish Disposable Plastic Sterile Biplate(2 sections) 90 x 15mm x 10's,Biologixpack10207Petri Dish Disposable Plastic Sterile Full plate 150 x 15mm x 10's, Biologixpack10208Pseudomonas aeruginosa (ATCC 27853) Sloops/packpack1209Stapphylococcus Aureus (ATCC 25923) Sloops/packpack1210Stapphylococcus Aureus (ATCC 29213) Sloops/packpack1211Enterococcus faecalis (ATCC 25922) Sloops/packpack1212Escherichia Coli (ATCC 35218) Sloops/packpack1213Escherichia Coli (ATCC 35218) Sloops/packpack1214Haemophilus Influenza (ATCC40247) Sloops/packpack1215Streptococcus pneumonia (ATCC 49619)pack1	202	Mueller Hinton Agar, 500 grams	bottle	2	
205Petri Dish Disposable Plastic Sterile Full plate 90 x 15mm x 10's, Biologixpack10206Petri Dish Disposable Plastic Sterile Biplate(2 sections) 90 x 15mm x 10's, Biologixpack10207Petri Dish Disposable Plastic Sterile Full plate 150 x 15mm x 10's, Biologixpack10208Pseudomonas aeruginosa (ATCC 27853) 5loops/packpack1209Stapphylococcus Aureus (ATCC 25923) 5loops/packpack1210Stapphylococcus Aureus (ATCC 29213) 5loops/packpack1211Enterococcus faecalis (ATCC29212) 5loops/packpack1212Escherichia Coli (ATCC 25922) 5loops/packpack1213Escherichia Coli (ATCC 35218) 5loops/packpack1214Haemophilus Influenza (ATCC40247) 5loops/packpack1215Streptococcus pneumonia (ATCC 49619)pack1	203	Selenite Broth 500 grams	bottle	1	
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206Petri Dish Disposable Plastic Sterile Biplate(2 sections) 90 x 15mm x 10's,Biologixpack10207Petri Dish Disposable Plastic Sterile Full plate 150 x 15mm x 10's, Biologixpack10208Pseudomonas aeruginosa (ATCC 27853) Sloops/packpack1209Stapphylococcus Aureus (ATCC 25923) Sloops/packpack1210Stapphylococcus Aureus (ATCC 29213) Sloops/packpack1211Enterococcus faecalis (ATCC 25922) Sloops/packpack1212Escherichia Coli (ATCC 25922) Sloops/packpack1213Escherichia Coli (ATCC 35218) Sloops/packpack1214Haemophilus Influenza (ATCC 40247) Sloops/packpack1215Streptococcus pneumonia (ATCC 49619)pack1	205	•	pack	10	
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214Haemophilus Influenza (ATCC40247) 5loops/packpack1215Streptococcus pneumonia (ATCC 49619)pack1	213		pack	1	
5loops/pack215Streptococcus pneumonia (ATCC 49619)pack1	01.4		ا منع مر	1	
215 Streptococcus pneumonia (ATCC 49619) pack 1	214		раск		
	215		pack	1	

216	Noissoria apparthagaa (ATCC 40024)	pack	1	
210	Neisseria gonorrhoeae (ATCC 49926) 5loops/pack	pack	I	
217	Horse's Blood ≤100cc/bot (to deliver as ordered)	bottle	60	
218	Sheep's Blood ≤100cc/bot (to deliver as ordered)	bottle	60	
219	Kovac's reagent, 100ml	bottle	1	
220	McFarland standard, 6 tubes standards, 3-5ml/bot	kit	1	
	Terms of Reference:1. Must have Certificate of ProductRegistration (CPR) if applicable2. Expiration period for reagents must be18 months or more upon delivery, if lessthan 18 months, a guarantee letter toreplace items must be submitted.Bahay Kalinga Reagents and Supplies			
221	HBsAg test multidevice, 100test/kit	kit	18	
222	Syphilis 3.0 multidevice 100test/kit	kit	20	
223	HIV Rapid Test SD HIV 1/2 multi-device, 100 test/kit/box	box	6	
224	HIV-1 Viral Load Cartridge 10 cart/pack compatible with the machine	pack	3	Within Sixty
225	Cryogenic vials 2ml x 500's/pack	piece	1,000	(60) Calendar
	Terms of Reference: 1. Must have Certificate of Product Registration (CPR) if applicable 2. Expiration period for reagents must be 18 months or more upon delivery, if less than 18 months, a guarantee letter to replace items must be submitted.			Days Upon Issuance of Notice to Proceed
	Human Milk Bank Reagents and Supplies			
226	HBSAg Testing Kit 30 tests/box, individually packed, cassette-type	kit	7	
227	HIV 1/2 antibody Test Kit 30 tests/box, individually packed, (cassette-type)	kit	7	
228	Inoculating loop 10 ul (disposable), 600pcs/box, individually packed	box	3	
229	Mac Conkey Dehydrated Culture Media 500mg/bottle	bottle	2	
230	Petri dish Disposable, 94 x 16 with 480pcs/box	box	1	
231	Tryptic soy agar 500g/bottle	bottle	2	
	Terms of Reference:1.Must have Certificate of ProductRegistration (CPR) if applicable.2. Expiration period for reagents must be18 months or more upon delivery, if lessthan 18 months a guarantee letter toreplace items must be submitted.			

I hereby certify to comply and deliver all the above requirements.

Name: \_

Legal Capacity: \_\_\_\_\_

Signature: \_\_\_\_\_

Duly authorized to sign the Bid for and behalf of: \_\_\_\_\_\_

Schedule of Requirements Page 11 of 11

#### Notes for Preparing the Technical Specifications

A set of precise and clear specifications is a prerequisite for Bidders to respond realistically and competitively to the requirements of the Procuring Entity without qualifying their Bids. In the context of Competitive Bidding, the specifications (*e.g.* production/delivery schedule, manpower requirements, and after-sales service/parts, descriptions of the lots or items) must be prepared to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of transparency, equity, efficiency, fairness, and economy in procurement be realized, responsiveness of bids be ensured, and the subsequent task of bid evaluation and post-qualification facilitated. The specifications should require that all items, materials and accessories to be included or incorporated in the goods be new, unused, and of the most recent or current models, and that they include or incorporate all recent improvements in design and materials unless otherwise provided in the Contract.

Samples of specifications from previous similar procurements are useful in this respect. The use of metric units is encouraged. Depending on the complexity of the goods and the repetitiveness of the type of procurement, it may be advantageous to standardize the General Technical Specifications and incorporate them in a separate subsection. The General Technical Specifications should cover all classes of workmanship, materials, and equipment commonly involved in manufacturing similar goods. Deletions or addenda should then adapt the General Technical Specifications to the particular procurement.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for equipment, materials, and workmanship, recognized Philippine and international standards should be used as much as possible. Where other particular standards are used, whether national standards or other standards, the specifications should state that equipment, materials, and workmanship that meet other authoritative standards, and which ensure at least a substantially equal quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the Special Conditions of Contract or the Technical Specifications.

#### Sample Clause: Equivalency of Standards and Codes

Wherever reference is made in the Technical Specifications to specific standards and codes to be met by the goods and materials to be furnished or tested, the provisions of the latest edition or revision of the relevant standards and codes shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national or relate to a particular country or region, other authoritative standards that ensure substantial equivalence to the standards and codes specified will be acceptable.

Reference to brand name and catalogue number should be avoided as far as possible; where unavoidable they should always be followed by the words "*or at least equivalent*." References to brand names cannot be used when the funding source is the GOP.

Where appropriate, drawings, including site plans as required, may be furnished by the Procuring Entity with the Bidding Documents. Similarly, the Supplier may be requested to provide drawings or samples either with its Bid or for prior review by the Procuring Entity during contract execution.

Bidders are also required, as part of the technical specifications, to complete their statement of compliance demonstrating how the items comply with the specification.

## **Technical Specifications** PROJECT NAME: PROCUREMENT OF VARIOUS REAGENTS AND CONSUMABLES PROJECT NO. QCGH-22-MSLI-799

Item	Specification	Statement of Compliance
		[Bidders must state here either "Comply" or
		"Not Comply" against each of the individual
		parameters of each Specification stating the
		corresponding performance parameter of the
		equipment offered. Statements of "Comply" or "Not Comply" must be supported by
		evidence in a Bidders Bid and cross-
		referenced to that evidence. Evidence shall
		be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be
		false either during Bid evaluation, post- qualification or the execution of the Contract may be regarded as fraudulent and render the Bidden on surplier lights for proceedings
		Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]
Α.	Reagents and Consumables For Na, K, Cl Analyzer	
1	NaKCI solution pack 800ml	
2	NaKCI daily rinse/cleaner solution kit 1bottle of 90ml diluent, 6 bottles of 12ml rinse	
	Terms of Reference	
	Must provide the following:	
	1. Must provide machine, conduct semi annual	
	preventive and maintenance, and provide certificate of calibration with sticker	
	2. 24/7 technical support in case of machine	
	breakdown	
	3. Must provide needed electrodes for operation	
	4. Expiration period for reagents must be 18	
	months or more upon delivery, if less than 18	
	months, a guarantee letter to replace items must be submitted	
	Reagents and Consumables For Fully Automated ≥ 5 Part Hematology Analyzer	
3	WBC Lyse 1 x 3.8 L 900 tests (minimum)	
4	Hemoglobin lyse 1 x 4 Liter (minimum)	
5	Diluent 20 Liter 450tests (minimum)	
6	Control (low, normal, high) 2 x 2.5 ml (minimum)	
7	System cleaner, 100 ml 80 tests (minimum)	
8	Calibrator 1 x 3 ml	
Ŭ	Terms of Reference	
	Must have the following specification:	
	1. Machine measurement principle must be	
	Fluorescence, Optical Scatter and flow	
	Cytometry or higher principle.	
	Must provide backup machine compatible with	
	the same reagents	

apable of counting cells in other luids (CSF, peritoneal fluid, ascitic e leukocytes in their near-native hout the use of chemical stains nor dye for more reliable results installation in other hospital/s within eriod for reagents must be 18 e upon delivery, if less than 18	
Maintenance and calibration as e machine, with certificate and	
kdown. ivity license that is compatible with and functional for at least 1 year	
For Urine Strip Reader Analyzer	
urine strip for urine, 100 strips	
e urine strip reader compatible ents strips. eriod for reagents must be 18 e upon delivery, if less than 18	
<u> </u>	
ells/card	
s of 64 wells/card	
s of 64 wells/card	
entification card for Neisseria &	
sceptibility card for streptococcus	
entification card for Gram (+)	
bes 1000pcs/pack fit for	
ence: e 1 fully automated bacterial	
	stactory for all test parameters apable of counting cells in other luids (CSF, peritoneal fluid, ascitic e leukocytes in their near-native mout the use of chemical stains nor dye for more reliable results isstallation in other hospital/s within eriod for reagents must be 18 e upon delivery, if less than 18 rantee letter to replace items must a following: Maintenance and calibration as e machine, with certificate and provision of ink to produce test cal support system in case of kdown. Wity license that is compatible with a and functional for at least 1 year e training/actual demo for at least less than 3 Medical Technologists For Urine Strip Reader Analyzer urine strip for urine, 100 strips rol strip (positive & negative), 2 rips/bottle, 50 disposable test tubes prator strip 100 strips ence: e urine strip reader compatible ents strips. eriod for reagents must be 18 e upon delivery, if less than 18 rantee letter to replace items must Consumables For Fully Automated htification & Susceptibility Analyzer plution 500ml entification card (for yeast) 20 dis/card sceptibility card for Gram (+) s of 64 wells/card entification card for Gram (-) Bacilli wells/card entification card for Gram (-) Bacilli

Technical Specifications Page 2 of 10

	1	
	2. Machine must be equipped with software that	
	checks, validates and correct results	
	automatically.	
	3. Database must be based on global CLSI,	
	EUCAST and FDA guidelines.	
	4. Preferably machine principle is Colorimetry +	
	Nephelometry (KINETIC).	
	5. GOLD STANDARD for routine identification &	
	Susceptibility of organisms.	
	6. Expiration period for reagents must be 18	
	months or more upon delivery, if less than 18	
	months, a guarantee letter to replace items must	
	be submitted.	
	Provision of the following:	
	a. Preventive Maintenance and calibration as	
	needed by the machine, provision of calibration	
	certificate and sticker.	
	b. Printer with provision of ink to produce test	
	printout.	
	c. 24/7 technical support system in case of	
	machine breakdown.	
	d. LIS connectivity license that is compatible with	
	the existing HIS and functional for at least 1 year.	
	e. Must provide training/actual demo for at least	
	1 week for not less than 3 Medical Technologists.	
	f. Provision of DENSOMETER for standard	
	McFarland suspension.	
	Blood Culture Bottles Compatible with Fully	
	Automated Microbial Detection System	
22	Blood culture bottle with ARD, anaerobe, 2	
	packs of 50 bottles of 40 ml/bottle	
23	Blood culture bottle with ARD, aerobic, 2 packs	
23		
	of 50 bottles of 30 ml/bottle	
24	Blood culture bottle pediatric, 2 packs of 50	
	bottles of 30 ml/bottle	
	Terms of Reference:	
	1. Must provide 1 fully automated blood culture	
	system machine which utilizes Colorimetric	
	principle.	
	2. Can detect gram negative, positive, yeast &	
	fungi	
	3. Can be used also as sterility testing for blood	
	units for transfusion	
	4. At least 0.5 ml blood volume for pedia patients	
	5. Machine must have audio and visual alarm	
	6. Expiration period for reagents must be 18	
	months or more upon delivery, if less than 18	
	months, a guarantee letter to replace items must	
	be submitted.	
	7. Machine must be updated based on CLSI	
	standard.	
	Provision of the following:	
	a. Preventive Maintenance and calibration as	
	needed by the machine, provision of calibration	
	certificate and sticker.	
	b. Printer with provision of ink to produce test	
	printouts.	
	c. 24/7 technical support system in case of	
	machine breakdown.	
	d. Certificate of availability of stocks and ability	
1	to deliver.	
1		
	e. Must provide training /actual demo for at least	

	Reagents and Consumables For Fully Automated	
	Immunoserology Analyzer	
25	Hepatitits B Antigen Reagent, 100 Test/kit	
26	Hepatitis C Antibody Reagent, 100 test/kit	
27	HIV Ag/Ab Reagent, 100 Test/kit	
28	Syphilis TP Reagent, 100 Test/kit	
29	Hepatitis B Antigen Calibrator, 2 bottle x 4mL/kit	
30	Hepatitis C Antibody Calibrator, 1 bottle x 4mL	
31	HIV Ag/Ab Calibrator, 1 bottle x 4mL	
32	Syphilis TP Calibrator, 1 bottle x 4mL	
33	Hepatitis B Antigen Negative and Positive Control (2 bottle x 8mL)	
34	Hepatitis C Antibody Negative and Positive Control (2 bottle x 8mL)	
35	HIV Ag/Ab Negative, Positive 1,2, and 3 Control (4 bottle x 8mL)	
36	Syphilis TP Negative and Positive Control (2 bottle x 8mL)	
37	Wash Solution 1, 4 bottle x 1L	
38	Wash Solution 2, 4 bottle x 25mL	
39	Wash Solution 3, 4 bottle x 1L	
40	Wash Solution 4, 4 bottle x 1L	
41	HBeAg, 100 tests	
42	HBeAg, Calibrator, 2 x 4ml	
43	HBeAg, Control, 1 x 8ml	
44	Anti HBc IgG 100 tests	
45	Anti HBc IgG Calibrator, 2 x 4ml	
46	Anti HBc IgG Control, 1 x 8ml	
47	Anti HBc IgM 100 tests	
48	Anti HBc IgM Calibrator, 2 x 4ml	
49	Anti HBc IgM Control, 1 x 8ml	
50	Anti-HAV IgM, 100 tests	
51	HAV Ab IgM, Calibrator	
52	HAV Ab IgM, Control	
53	Anti-HAV IgG, 100 tests	
54	HAV Ab IgG, Calibrator	
55	HAV Ab IgG, Control	
56	Anti Hbe 100 tests	
57	Anti HBe Calibrator, 2 x 4ml	
58	Anti HBe Control, 1 x 8ml	
59	Anti HBs 100 tests	
60	Reagent Cuvettes, 4000/box	
61	Reagent Caps, 200/box	
62	Sample Cups, 1000/box	
	Terms of Reference:	
	1. Must provide 1 closed fully automated	
	immunoserology analyzer that employs	
	Chemiluminescent Immunoassay or higher	
	principle technology, barcoded reagents and	
	samples.	
	2. With a result of 99.0% or higher for Sensitivity and Specificity as tested and evaluated by DOH-	
	SACCL.	
	3. Excellent performance in EQAS.	
	4. Suitable for use with any liquid, anticoagulant	
	present in the blood bag (ACD, CPD, CPDA-1).	
	5. Intended use: In vitro testing validated with	
	blood donor population. Third party validation at	
	least by the international quality assurance	

	validation, DOH-SACCL or RITM NRL or its	
	equivalent.	
	6. With on-board inventory management and	
	alert features for incorrect position of reagents	
	and supplies as well as samples.	
	7. With random access, batch, and STAT testing	
	capabilities.	
	8. No reagent preparation required, to prevent	
	contamination and spillage.	
	9. Can be interfaced with Blood Bank	
	Information System (BBIS), NBBNETS and should	
	be provided with middleware.	
	10. Capable of doing Levy-Jennings for each test	
	parameters.	
	11. Must have Certificate of Product Registration	
	(CPR) if applicable.	
	12. Expiration period for reagents must be 18	
	months or more upon delivery, if less than 18	
	months, a guarantee letter to replace items must	
	be submitted.	
	Provision of the following:	
	a. Semi annual Preventive Maintenance and	
	Calibration with Certificate and Sticker, 24/7	
	technical support system in case of machine	
	breakdown.	
	b. High End Printer with provision of ink that can	
	produce colored test printouts.	
	c. Barcode reader, printer and sticker.	
	d. LIS connectivity license that is compatible with	
	the existing HIS and functional for at least 1 year.	
	Gel Cards For Semi Automated Blood	
	Compatibility Tests, ABO Typing Etc.	
63	Coombs gel Cards for cross matching AHG	
	phase 400 tests	
64	Neutral gel Cards for cross matching LISS phase	
	400 tests	
65	Diluent for Gel cards for crossmatching 2 bottles	
	of 100ml	
	Terms of Reference:	
	1. Must provide semi-automated modular	
	machines composed of the following:	
	a. Gel Card Centrifuge- must have an rpm of	
	1030 $\pm$ 5, with at least 12 slots.	
	b. Gel Card Incubator- temperature must be	
	fixed at 37°C, with 12 slots, Incubation time must	
	be programmable for 1 – 60 minutes.	
	2. Must have Certificate of Product Registration	
	(CPR) if applicable.	
	3. Expiration period for reagents must be 18	
	months or more upon delivery, if less than 18	
	months, a guarantee letter to replace items must	
	be submitted.	
	Provision of the following:	
	a. Preventive Maintenance and calibration as	
	needed by the machine, with certificate and	
	sticker.	
	b. 24/7 technical support system in case of	
	machine breakdown.	
	c. Must provide training/actual demo for at least	
	1 week for not less than 3 Medical Technologists	

	Portable Hemoglobin Determination For Mobile	
66	Blood Donation Microcuvettes for Hemoglobinometer	
00	50pc/bottle	
	Terms of Reference	
	Provision of the following:	
	a. Must provide complete kit containing	
	hemoglobinometer, power cord,	
	calibrator/control b. Semi annual Preventive Maintenance and	
	Calibration with Certificate and Sticker, 24/7	
	technical support	
	c. Must have Certificate of Product Registration	
	(CPR) if applicable.	
	d. Expiration period for reagents must be 18	
	months or more upon delivery, if less than 18 months, a guarantee letter to replace items must	
	be submitted.	
	Malarial Parasite Test	
67	Malarial Parasite test, 96 tests	
	Terms of Reference:	
	1. Provision of semi-automated or fully automated	
	machine.	
	2. Employs Enzyme-Linked Immunosorbent Assay (ELISA) and/or higher.	
	3. Suitable for use with any liquid, anticoagulant	
	present in the blood bag (ACD, CPD, CPDA-1)	
	4. Must have Certificate of Product Registration	
	(CPR) if applicable.	
	5. Expiration period for reagents must be 18	
	months or more upon delivery, if less than 18 months, a guarantee letter to replace items must	
	be submitted.	
	Provision of the following:	
	a. Semi annual Preventive Maintenance and	
	Calibration with Certificate and Sticker. 24/7 technical support.	
	b. Compatible UPS unit and/or AVR.	
	Other Clinical Chemistry Reagents	
68	Glucose strips 2 bottles, 25 pcs./bottle	
	(Must provide 50 glucometer, 50 autolancet and	
	50 spare batteries)	
69	Glucose load orange flavor 75 grams, 240ml	
70	Glucose load orange flavor 50 grams, 240ml	
71	Dengue IgG IgM test kit ≥25tests/box Sensitivity at least 94.6% Specificity at least 96.5%	
72	Dengue NS1Ag test kit ≥25tests/box Sensitivity at	
	least 92.4% Specificity at least 98.4%	
73	Leptospira test kit IgG IgM ≥25tests/box	
74	SARS-CoV-2 Rapid Antigen Test 25tests	
75	Drug test kit Meth/THC 25T/kit cassette type	
76	Polyethylene bottle (P.E. bottle) screw cap	
77	Other Reagents For Clinical Microscopy	
77	Acetic Acid 500 ml	
78 79	Benedict's solution 500 ml Lugol's Iodine 500 ml	
80	One step Occult blood tests ≥25 tests	
81	Pregnancy Test minimum of 25Tests, urine/serum	
	sample	
	Other Reagents and Supplies for Histopathology	
	Section	
82	Absolute ethyl alcohol 4liter	

83	Buffered 10% Neutral Formalin 4 liter	
84	Ethyl Alcohol 95% 20 Liters	
85	India Ink, color black, green, 25ml/bottle	
86	Laboratory Embedding medium (Paraffin wax) 1kgms	
87	Microtome blade (\$35) 50 pcs	
88	Mounting medium 500 ml	
89	Eosin Azure 50 (EA - 50), 1 Liter	
90	Eosin Y, 1 Liter	
91	Giemsa stain, 1 Liter	
92	Harris Hematoxylin, 1 Liter	
93	Orange G - 6, 1 Liter	
94	Methanol 1 Liter	
	Blood Collection Tubes and Multisample Needle	
95	Blood collecting tube 2 ml lavender top 100pcs/pack	
96	Blood collecting tube 1.8 - 2 ml blue top 100pcs/pack	
97	Blood collecting tube 5 - 6 ml red top plain 100pcs/pack	
98	ESR tube 2ml 4NC 3.2% , 100pcs/pack (black) w/ safety screw cap	
99	Microcollection tube Lavender top 0.25 - 0.5ml 100pcs/pack	
100	Red Clot Act. 0.5ml, 50's/pack (micro collection tube )	
101	Single use ESR pipette plastic 200 sticks/box	
102	Gold/Yellow Top Clot Act/Gel 5 ml., 13x100mm,100's with double-label sticker	
103	Cover slip, 24x56, 10 bakelites/box	
104	Disposable Fecal Container 60 ml, sterile individually packed	
105	Disposable pipette blue tips 1000ul, 1000pcs/pack	
106	Disposable plastic lancet 200pcs/box	
107	Disposable Urine Container 60 ml, sterile individually packed	
108	Disposable yellow pipette tips, 1000 pcs/pack	
109	Glass slides Frosted end 72pcs/box, 3"x1"	
110	Laboratory paraffin film, 4 inch x 125ft. Roll	-
111	Non- allergenic-latex free disposable blue torniquet, 50pcs/box	
112	Surgical blade #21 100pcs/box	
112	Test tube glass 10 x 100mm, non-screw cap	
114	Test tube rack plastic, 44 wells	1
115	Applicator stick 6" 500 sticks/pack	
116	Cryogenic Vial STERILE 2.0ml white inner thread 25/pack	
117	Inoculating Loop 10ul, individually packed, 500/pack	
118	Inoculating Needle, individually packed, 500/pack	
119	Sharps Disposable Container, 3.2L	
120	Test tube screw cap glass 10 x 70mm	
121	Test tube, screw cap glass, 15 x 140mm	
122	Test tube, screw cap, glass 15 x 100mm	
123	Triple distilled water (commercially available) 5-6 liters	
124	Anti A & Anti B typing sera 10ml/ vial, 2 vials/set, EPICLONE	
125	Anti D (Rh typing) 10 ml EPICLONE	

126	Anti-human globulin 10ml EPICLONE	
127	LISS (Low ionized salt solution) 10ml (RAM)	
128	Normal Saline Solution, 0.9%, 1liter	
129	Full safety Triple Blood Bag CPD-A, 450mL	
130	Single blood bag CPD A-1, 450mL	
130	Capillary heparinized tubes, 100 tubes	
101	Terms of Reference:	
	1. Must have Certificate of Product Registration	
	(CPR) if applicable	
	2. Expiration period for reagents must be 18	
	months or more upon delivery, if less than 18	
	months, a guarantee letter to replace items must	
	be submitted. Other Bacteriology Reagents and Supplies	
	Sensitivity/Antibiotic Discs (50disc/Cartridge)	
132	Amoxicillin Clavulanic Acid	
133	Ampicillin	
133	Azithromycin	
134	Aztreonam	
135	Cefexime	
138	Cefoxitin	
137	Ceftazidime	
130	Ceftriaxone	+
140	Chloramphenicol	
140	Ciprofloxacin	
141	Clarithromycin	
142	Imepenem	
143	Linezolid	
144	Bacitracin 0.04 Taxo A	
143	Cefinase	
140	Cefotaxime Clavulanic Acid	
147	Ceftazidime Clavulanic Acid	
140	Daptomycin	
150	EDTA Disc	
150	Ertapenem	
152	Erythromycin	
152	Meropenem	
155	Novobiocin Identification 5 ug Disc	
155	Oxacillin	
156	Oxidase strips (50 strips/pack)	
150	Piperacillin Tazobactam	
158	Polymixin B 300 ug	
150	Streptomycin 300	
160	Gentamicin 120	
160	Sulbactam Ampicillin	
161	Sulf. Trimethoprim	
162	Taxo V ID	
164	Taxo X ID	
165	Taxo X+V ID	
	Bacterial Grouping:	
166	Salmonella O Poly (Gp A-S) (2 ml/vial)	
167	Salmonella Vi Antisera (2 ml/vial)	
168	Shigella boydii Poly 1 (2ml/vial)	
169	Shigella dysenteriae Poly	
,	(2ml/vial)	
170	Shigella flexneri Poly (2ml/vial)	
171	Haemophilus influenzae Type b (2 ml/vial)	
172	Brilliance MRSA 2 Agar (10 plates / pack)	
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170		
173	Bacitracin Chocolate Agar (10 plates/pack)	
174	Bile Esculin Agar (10 plates/pack)	
175	Dnase Agar (10 plates/pack)	
176	CTA 5ml (10 tubes/pack)	
177	CTA + Sucrose 5ml (10 tubes/pack)	
178	CTA + Maltose 5ml (10 tubes/pack)	
179	CTA + Dextrose 5ml (10 tubes/pack)	
180	CTA + Lactose 5 ml (10 tubes/pack)	
181	MD + 2% Ornithine 5 ml (50 tubes/pack)	
182	OF+ Maltose 5ml (50 tubes/pack)	
183	Of + Dextrose 5ml (50 tubes/pack)	
184	Of + Lactose 5 ml (50 tubes/pack)	
185	Of + SUCROSE 5ml (50 tubes/pack)	
186	Of+ Xylose 5ml (50 tubes/pack)	
187	Alkaline Peptone Water (50 tubes/pack)	
188	Anaerobic gas pack (20 pcs/pack)	
189	Amies transport swab(50pcs/pack)	
190	Autoclave deodorant Lemon fragrant 100 pcs	
191	6.5% NaCl 2.5ml/tube	
192	Bile solubility reagent	
193	Vogues Proskauer reagent	
194	Vitox Rehydration Fluid for 500 ml of medium	
195	PYR disc with reagent (25 test/kit)	
196	Methylene Blue, 1 liter	
197	Grams Iodine, 1 liter	
198	Saranine, 1 liter	
199	Crystal Violet, 1 liter	
200	Carbol Fuchsin, 1 liter	
200	Bile Esculin Agar, 500 grams	
201		
202	Mueller Hinton Agar, 500 grams Selenite Broth 500 grams	
203	<u> </u>	
204	Urease Broth 500 grms Petri Dish Disposable Plastic Sterile Full plate 90 x	
	15mm x 10's, Biologix	
206	Petri Dish Disposable Plastic Sterile Biplate(2 sections) 90 x 15mm x 10's,Biologix	
207	Petri Dish Disposable Plastic Sterile Full plate 150 x 15mm x 10's, Biologix	
208	Pseudomonas aeruginosa (ATCC 27853) 5100ps/pack	
209	Stapphylococcus Aureus (ATCC 25923)	
	5loops/pack	
210	Stapphylococcus Aureus (ATCC 29213) 5loops/pack	
211	Enterococcus faecalis (ATCC29212) 5loops/pack	
212	Escherichia Coli (ATCC 25922) 5loops/pack	
213	Escherichia Coli (ATCC 35218) 5loops/pack	
214	Haemophilus Influenza (ATCC40247) 5loops/pack	
215	Streptococcus pneumonia (ATCC 49619)	
	5loops/pack	
216	Neisseria gonorrhoeae (ATCC 49926) 5100ps/pack	
217	Horse's Blood ≤100cc/bot (to deliver as ordered)	
218	Sheep's Blood ≤100cc/bot (to deliver as ordered)	
219	Kovac's reagent, 100ml	
220	McFarland standard, 6 tubes standards, 3- 5ml/bot	
L		1

В.	Compliance to the Schedule of Requirements (Section VI)	
	<ul> <li>Terms of Reference:</li> <li>1.Must have Certificate of Product Registration (CPR) if applicable.</li> <li>2. Expiration period for reagents must be 18 months or more upon delivery, if less than 18 months a guarantee letter to replace items must be submitted.</li> </ul>	
231	Tryptic soy agar 500g/bottle	
230	Petri dish Disposable, 94 x 16 with 480pcs/box	
229	Mac Conkey Dehydrated Culture Media 500mg/bottle	
228	Inoculating loop 10 ul (disposable), 600pcs/box, individually packed	
227	HIV 1/2 antibody Test Kit 30 tests/box, individually packed, (cassette-type)	
226	HBSAg Testing Kit 30 tests/box, individually packed, cassette-type	
	Human Milk Bank Reagents and Supplies	
	months or more upon delivery, if less than 18 months, a guarantee letter to replace items must be submitted.	
	<ol> <li>Must have Certificate of Product Registration (CPR) if applicable</li> <li>Expiration period for reagents must be 18</li> </ol>	
225	Cryogenic vials 2ml x 500's/pack Terms of Reference:	
	HIV-1 Viral Load Cartridge 10 cart/pack compatible with the machine	
224	test/kit/box	
222	Syphilis 3.0 multidevice 100test/kit HIV Rapid Test SD HIV 1/2 multi-device, 100	
221 222	HBsAg test multidevice, 100test/kit	
001	Bahay Kalinga Reagents and Supplies	
	Terms of Reference:1. Must have Certificate of Product Registration(CPR) if applicable2. Expiration period for reagents must be 18months or more upon delivery, if less than 18months, a guarantee letter to replace items mustbe submitted.	
	1. Must have Certificate of Product Registration	

### I hereby certify to comply and deliver all the above requirements.

Name: \_\_\_\_\_

Legal Capacity: \_\_\_\_\_

Signature: \_\_\_\_\_

Duly authorized to sign the Bid for and behalf of: \_\_\_\_\_

# Section VIII. Checklist of Technical and Financial Documents

# Notes on the Checklist of Technical and Financial Documents

The prescribed documents in the checklist are mandatory to be submitted in the Bid, but shall be subject to the following:

- a. GPPB Resolution No. 09-2020 on the efficient procurement measures during a State of Calamity or other similar issuances that shall allow the use of alternate documents in lieu of the mandated requirements; or
- b. Any subsequent GPPB issuances adjusting the documentary requirements after the effectivity of the adoption of the PBDs.

The BAC shall be checking the submitted documents of each Bidder against this checklist to ascertain if they are all present, using a non-discretionary "pass/fail" criterion pursuant to Section 30 of the 2016 revised IRR of RA No. 9184.

## **Checklist of Technical and Financial Documents** I. TECHNICAL COMPONENT ENVELOPE

#### Class "A" Documents

#### Legal Documents

(a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) in accordance with Section 8.5.2 of the IRR;

#### Technical Documents

- (b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid (in a FORM prescribed by the QC-BAC-GOODS AND SERVICES); and
- (c) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents (in a FORM prescribed by the QC-BAC-GOODS AND SERVICES); and
- (d) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
   or

Original copy of Notarized Bid Securing Declaration; and

- (e) Conformity with Section VI. (Schedule of Requirements) and Section VII. (Technical Specifications), which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; <u>and</u>
   (f) Original duly signed Omnibus Sworn Statement (OSS);
  - and if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

(g) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC) (in a FORM prescribed by the QC-BAC-GOODS AND SERVICES);

#### <u>or</u>

A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

#### Class "B" Documents

(h) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence;

or

duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

#### Other documentary requirements under RA No. 9184 (as applicable)

- (i) [For foreign bidders claiming by reason of their country's extension of reciprocal rights to Filipinos] Certification from the relevant government office of their country stating that Filipinos are allowed to participate in government procurement activities for the same item or product.
- (j) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.

#### II. FINANCIAL COMPONENT ENVELOPE

- (a) Original of duly signed and accomplished Financial Bid Form; and
- (b) Original of duly signed and accomplished Price Schedule(s).

#### **III. REQUIRED DOCUMENTS in BDS SECTION 20.2 and 21.2**

- Copy of valid, current License to Operate for Medical Supplies/Devices from DOH Accreditation as Supplier, Distributor or Manufacturer
- Notarized Affidavit of Undertaking stating compliance to all the Terms and Reference stipulated in Section VI. (Schedule of Requirements) and Section VII. (Technical Specifications) of this Philippine Bidding Documents

Note:

1. Please refer to

[https://drive.google.com/file/d/1uiYurh5WrpBL5B\_pqpzAb62yucAblR1p/view?usp=sh aring] for the following requirements:

- a. Computation of NFCC;
- b. List of All Ongoing Contracts/List of Contracts already awarded but not yet started;
- c. Statement of Single Largest Completed Contract
- 2. Please refer to GPPB Resolution No. 16-2020 for the following requirements:
  - a. Bid Form;
  - b. Price Schedule (for Goods Offered from Abroad/ Within the Philippines)
  - c. Bid Securing Declaration; and
  - d. Omnibus Sworn Statement

