

PHILIPPINE BIDDING DOCUMENTS

BAC3-NIH-IHG-PR22182

Supply of Liquid Chromatograph Tandem Triple Quadrupole Mass Spectrometer Ultra High-Performance Liquid Chromatograph and Gas Chromatograph Single Quadrupole Mass Spectrometer (Rebid)

**Institute of Human Genetics
National Institutes of Health
University of the Philippines Manila**

**Government of the Republic of the Philippines
February 2024**

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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.



UNIVERSITY OF THE PHILIPPINES MANILA
BIDS AND AWARDS COMMITTEE 3

2nd Floor, Joaquin Gonzales Compound, Padre Faura Street, Taft Avenue, Manila 1000,
Philippines
Tel: (632) 88141-223

Invitation to Bid (Rebid)

Bid No. BAC3-NIH-IHG-PR22182

**SUPPLY OF LIQUID CHROMATOGRAPH TANDEM TRIPLE QUADRUPOLE
MASS SPECTROMETER ULTRA-HIGH PERFORMANCE LIQUID
CHROMATOGRAPH AND GAS CHROMATOGRAPH SINGLE QUADRUPOLE
MASS SPECTROMETER**

1. The University of the Philippines-Manila, through its Bids and Awards Committee 3 with Fund 2040101000-184-142 intends to apply the sum of **Thirty Million Pesos & 00/00 (PhP 30,000,000.00)**, being the **Approved Budget for the Contract (ABC)** to payments under the contract for the **Supply of Liquid Chromatograph Tandem Triple Quadrupole Mass Spectrometer Ultra High-Performance Liquid Chromatograph and Gas Chromatograph Single Quadrupole Mass Spectrometer (Rebid)**. Bids received in excess of the ABC shall be automatically rejected during bid opening.
2. The University of the Philippines-Manila now invites bids for the **Liquid Chromatograph Tandem Triple Quadrupole Mass Spectrometer Ultra High-Performance Liquid Chromatograph and Gas Chromatograph Single Quadrupole Mass Spectrometer (Rebid)**. Delivery Period is One Hundred Twenty to One Hundred Eighty (120-180) Calendar Days from the receipt of an approved Purchase Order and Notice to Proceed.

Bidders should have completed, within **two (2) years** from the date of submission and receipt of bids, a contract similar to the Project amounting to at least 50% of the ABC of this contract to be bid. 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 Implementing Rules and Regulations (IRR) or Republic Act (RA) 9184, otherwise known as the “Government Procurement Reform Act”.

Bidding is restricted to Filipino citizen/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 regulation of which grant similar rights or privileges to Filipino citizens, pursuant to RA 5183 and subject to Commonwealth Act 138.

4. Interested bidders may obtain further information from University of the Philippines-Manila website and inspect the Bidding Documents (<https://bidsandawards.upm.edu.ph>)

5. A complete set of Bidding Documents is downloadable from the PhilGEPS and University of the Philippines Manila website or secured from the **Procurement Management Office at 2nd Floor Joaquin Gonzales Hall, Old NEDA Compound, University of the Philippines Manila, Padre Faura St. Taft Avenue Ermita Manila,** starting **05 February 2024** from 8:00AM – 3:00PM and upon payment of a nonrefundable fee for the Bidding Documents in the amount of **Thirty Thousand Pesos & 0/100 (Php 30,000.00)**.
 6. Pre-Bid Conference will be conducted on **12 February 2024, 01:30PM** via zoom. Interested Bidder should send to the BAC3 Secretariat the name and email address of authorized representative who should be given access to join.
 7. Bids must be delivered to the address below on or before **26 February 2024, 11:30a.m.** All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in the **ITB** Clause 18. Late bids will not be accepted/opened.
UP Manila Procurement Management Office
University of the Philippines Manila
2nd Floor UP Manila Main Building, Joaquin Gonzales Compound
Padre Faura St., Ermita Manila
- Bid opening shall immediately follow at 1:30 pm, Monday, **26 February 2024**. Bids will be opened Via zoom in the presence of the Bidders' representatives who choose to witness /join the opening. Names and email addresses of authorized representative/s to witness the opening should be sent to the BAC3 Secretariat through its official email address.
8. The University of the Philippines-Manila reserves the right to accept or reject any bid, to annul the bidding process, and to reject all bids at any time prior to contract award, without thereby incurring any liability to the affected bidder or bidders.
 9. For further information, please refer to:

Ms. Magnolia Trinidad S. Santiago (Tel No. 88141-240)
Mr. Marion L. Valeriano (Tel No. 88141-224) BAC3
Mr. Patrick Liam Ozaeta (Tel No. 88141-224) BAC3
BAC3 Secretariat, Procurement Management Office
2nd Floor Joaquin Gonzales Compound, Padre Faura St. Ermita, Manila
(upm-bac3-secretariat@up.edu.ph)

PROF. IMELDA G. PEÑA
Chairperson

NOTED:

JOHANNA PATRICIA A. CAÑAL, MD, MHA, MSc
Vice Chancellor for Administration and Finance

Posted at PhilGEPS, UP Manila Website and
BAC3 Bulletin Board on 05 February 2024

Section II. Instructions to Bidders

1. Scope of Bids

The Procuring Entity, *University of the Philippines Manila* wishes to receive Bids for the **Supply of Liquid Chromatograph Tandem Triple Quadrupole Mass Spectrometer Ultra High-Performance Liquid Chromatograph and Gas Chromatograph Single Quadrupole Mass Spectrometer (Rebid) Institute of Human Genetics, National Institutes of Health, University of the Philippines Manila under Purchase Request No 22182.**

Details of the project requirements are described in Section VII (Technical Specifications) and Bid Price/Bill of Quantities (page 43 of this PBD).

2. Funding Information

2.1 The GOP through the source of funding as indicated below for 2023 in the amount of **Thirty Million Pesos & 00/00 (PhP 30,000,000.00).**

2.2 The source of funding is Fund 2040101000-184-142.

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 limited to those allowed under the rules may participate in this Project.
- 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 and Services: 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.
 - b. For the procurement of non-expendable supplies, the bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty per cent (50%) 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

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 via a zoom meeting 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 Bids 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 *[state relevant period as provided in paragraph 2 of the **IB**]* 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.

12. Bid Prices

- 12.1. 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, ex-warehouse, 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 Philippine pesos. In case of foreign supplier, payment maybe made in the supplier's currency using the conversion rate of BSP on the date of bid opening.

14. Bid Security

- 14.1 The Bidder shall submit a Bid Securing Declaration¹ 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**.
- 14.2 The Bid and bid security shall be valid until *one hundred twenty calendar days after the date of bid opening*. 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 three (3) copies of the first and second components of its Bid.

16. Deadline for Submission of Bids

The Bidders shall submit on the specified date and time and at its physical address as indicated in paragraph 7 of the **IB**.

17. Opening and Preliminary Examination of Bids

¹ 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.

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**

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 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**

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**

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**.

Bid Data Sheet

ITB Clause	
5.3	For this purpose, contracts similar to the Project shall be: <ol style="list-style-type: none"> a. <i>Supply of Laboratory Supplies, Reagent and Equipment.</i> b. Completed within two (2) years prior to the deadline for the submission and receipt of bids.
7.1	<i>Not applicable</i>
12	The price of the Goods shall be quoted in Philippine peso. <i>In case that bid price is in dollar, conversion rate as announced by the Bangko Sentral ng Pilipinas on the date of opening of bids will be used.</i>
14.1	The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts: <ol style="list-style-type: none"> a. The amount of not less than Php 600,000.00, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or b. The amount of not less than Php 1,500,000.00 if bid security is in Surety Bond.
19.3	<i>Not applicable</i>
20.2	<i>[List here any licenses and permits relevant to the Project and the corresponding law requiring it.] - No other requirement in addition to the legal documents.</i>
21.2	<i>[List here any additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity.] - None</i>

Section IV. General 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

5.1 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.

5.2 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.

Special Conditions of Contract

GCC Clause	
1	<p><i>[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:]</i></p> <p>Delivery and Documents –</p> <p>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:</p> <p><i>[For Goods supplied from abroad, state:]</i> “The delivery terms applicable to the Contract are DDP delivered <i>[indicate place of destination]</i>. In accordance with INCOTERMS.”</p> <p><i>[For Goods supplied from within the Philippines, state:]</i> “The delivery terms applicable to this Contract are delivered <i>[indicate place of destination]</i>. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).</p> <p>For purposes of this Clause the Procuring Entity’s Representative at the Project Site is <i>[indicate name(s)]</i>.</p> <p>Incidental Services –</p> <p>The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements: <i>Select appropriate requirements and delete the rest.</i></p> <ol style="list-style-type: none"> a. performance or supervision of on-site assembly and/or start-up of the supplied Goods; b. furnishing of tools required for assembly and/or maintenance of the supplied Goods; c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods; d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and

	<p>e. training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.</p> <p>f. <i>[Specify additional incidental service requirements, as needed.]</i></p> <p>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.</p> <p>Spare Parts –</p> <p>The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:</p> <p><i>Select appropriate requirements and delete the rest. (delete)</i></p> <p>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</p> <p>b. in the event of termination of production of the spare parts:</p> <p>i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and</p> <p>ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.</p> <p>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.</p> <p>The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of <i>[indicate here the time period specified. If not used indicate a time period of three times the warranty period]</i>.</p> <p>Spare parts or components shall be supplied as promptly as possible, but in any case, within <i>[insert appropriate time period]</i> months of placing the order.</p>
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	<p>Packaging –</p> <p>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.</p> <p>The packaging, 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.</p> <p>The outer packaging must be clearly marked on at least four (4) sides as follows:</p> <p>Name of the Procuring Entity Name of the Supplier Contract Description Final Destination Gross weight Any special lifting instructions Any special handling instructions Any relevant HAZCHEM classifications</p>
	<p>A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.</p> <p>Transportation –</p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.</p> <p>Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.</p>

	<p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.</p> <p>The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.</p> <p>Intellectual Property Rights –</p> <p>The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.</p>
2.2	<i>[If partial payment is allowed, state]</i> “The terms of payment shall be as follows: _____.”
4	The inspections and tests that will be conducted are: <i>[Indicate the applicable inspections and tests]</i>

Section VI. Schedule of Requirements

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	Quantity	Total	Delivered, Weeks/Months
1.	Liquid Chromatograph Tandem Triple Quadrupole Mass Spectrometer Ultra High-Performance Liquid Chromatograph and Gas Chromatograph Single Quadrupole Mass Spectrometer	1 Unit		One Hundred Twenty to One Hundred Eighty (120-180) Calendar Days from the receipt of an approved Purchase Order and Notice to Proceed.

Technical Specifications

Item	Specifications	Statement of Compliance
	<p>Supply of Liquid Chromatograph Tandem Triple Quadrupole Mass Spectrometer Ultra High-Performance Liquid Chromatograph and Gas Chromatograph Single Quadrupole Mass Spectrometer (Rebid)</p> <p>TERMS OF REFERENCE</p> <p>I. LC-MS/MS; Triple Quadrupole LC tandem MS</p> <p>-LC must have a specification published for retention time repeatability of <0.008 % or <0.0008 minutes; area repeatability < 1% RSD</p> <p>-Interface must provide access to all of the following:</p> <ul style="list-style-type: none"> • Connectivity to check status or run diagnostics from anywhere within your network • Built-in self-guided diagnostics and maintenance capabilities • Method and sequence editing without the need for a data system • Easy access to logs and complete user documentation • with password enable feature to limit access to authorized lab users only • with reliable error and warning system <p>A. Two Triple Quadrupole Mass Spectrometer (MS1/MS2) specification:</p> <p>API Source and Optimization Mode: High performances heated ion sources:</p> <ol style="list-style-type: none"> 1. Electron Ionization, ESI, Applicable LC Flow Rate: 1 uL/min to 2mL/min 2. Dual ionization source (ESI and APCI), DIUS <p>ESI Desolvation Temperature: More than 650°C APCI Desolvation Temperature: More than 500°C Ion Optical System: Qarray ion guide and two quadrupoles for efficient and rapid ion transfer or equivalent Mass Analyzer: Two high resolution Molybdenum hyperbolic mass filters with pre-rods or equivalent Collision Cell: Tapered multipole type ultra-high speed collision cell (UF sweeper III collision cell) or equivalent Detector: Secondary electron multiplier with off-axis conversion dynode or equivalent Vacuum System: Rotary pump: 1-unit Triple inlet turbomolecular pump Power Supply: MS Unit: AC 230 V 15 A (50/60 Hz) Single Phase PC: AC100 V (50/60 Hz) HPLC: AC100V</p>	<p><i>[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</i></p>

	<p>PERFORMANCE SPECIFICATION:</p> <p>Mass range: m/z 2 to 2,000 Da or higher Maximum Scan Speed: 30,000 u/sec or higher (in all modes of scanning) (0.1 u step: 300,000 data points/sec) Maximum Dwell Time: 0.8 sec or lower Minimum Pause time: 1 msec or lower MRM Transition Speed: maximum 555 MRM/sec Mass stability: the mass stability is 0.05 Da over 24 hours or better Mass Accuracy: ± 0.1 u Polarity switching time: 5 msec or lower</p> <p>Cross talk: $<0.005\%$ 1ug/ml verapamil and monitoring 455.2>165.0 and 470>165 Mass Resolution: $R < 0.7$ u FWHM and adjustable to 0.5u Linear Dynamic Range: Typical 7 order or better MRM Sensitivity ESI [POSITIVE]: The measure signal-to-noise ratio [RMS] obtained from the chromatogram monitoring the transition m/z 609 to m/z 195 on injection of 1 pg of Reserpine should be more than or equal to 850,000:1*, based on a 1 μL injection of a 1 pg/μL Reserpine solution in 70/30 Acetonitrile/Water (H₂O) (no additive) at a flow rate of 400 μL/min in MRM Mode. MRM SENSITIVITY ESI [NEGATIVE]: The measured signal-to-noise ratio [RMS] obtained from the chromatogram monitoring the transition m/z 321 to m/z 152.10 on injection of 1 pg of Chloramphenicol should be more than or equal to 850,000:1 [RMS], based on a 1 μL injection of a 1 pg/μL Chloramphenicol solution in Methanol (no additive) at a flow rate of 300 μL/min in MRM Mode.</p> <p>B. ULTRA HIGH-PERFORMANCE LIQUID CHROMATOGRAPH (FRONT-END): SOLVENT DELIVERY UNIT WITH MIXER</p> <p>Solvent delivery method: Parallel-type double plunger Plunger Capacity: 10 μL Increments: 0.0001 ml/min Gradient Type: High-pressure Flow rate accuracy: $\leq \pm 1\%$ (under specified conditions) Flow rate precision: $\leq 0.06\%$ RSD or 0.02 minSD, whichever greater Available pH Range: 1 to 14</p> <p>SYSTEM CONTROLLER -features a touch panel and allows the user to control the instrument and carry out analysis preparation directly without the need for a PC. -Built-in reservoir tray -Connectable units: 8, (Autosampler, Column Oven, Detectors, etc.)</p> <p>ON-LINE DEGASSER Number of degassed solvents: up to 3 lines Degassed flowline capacity: 400 uL/1 line Degassing Performance: Using the UV-absorption detector, at</p>	<p><i>found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]</i></p> <p>NOTE: THIS STATEMENT OF COMPLIANCE APPLIES TO ALL ITEMS LISTED IN THE SCHEDULE OF REQUIREMENTS FOR WHICH A PARTICULAR BIDDER SHALL SUBMIT BID OFFER.</p>
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	<p>wavelength 210nm, sensitivity 0.5AU or better Operating Temperature Range: 4 to 35 °C</p> <p>COLUMN OVEN</p> <ul style="list-style-type: none"> - with Column Management Device keeps track of columns easily. - Active pre-heater which can control the temperature of the Mobile Phase before it enters the column, improving the separation of components with short retention times. <p>Cooling method: Electronic cooling Temperature control type: Forced Air circulation Temperature Control range: Room Temperature - 10°C to 85°C Temperature control accuracy: $\pm 0.1^\circ\text{C}$ Applicable columns: 300 mm x 3; 100 mm x 6 Function: Change of temperature setting</p> <p>AUTO SAMPLER/ AUTO INJECTOR Maximum operating pressure: 130 MPa Injection-volume setting range: 0.1 to 50 μL (standard), 0.1 to 2,000 μL (option) Number of processed samples: 162 (1.5 mL vials) Injection cycle time: ≤ 6.7 seconds (under specified conditions) Injection-volume repeatability: $\text{RSD} \leq 1.0\%$ (0.5 to 0.9 μL), $\text{RSD} \leq 0.5\%$ (1.0 to 1.9 μL), $\text{RSD} \leq 0.25\%$ (2.0 to 4.9 μL), $\text{RSD} \leq 0.15\%$ (More than 5.0 μL), $\text{RSD} < 0.5\%$ (typically, 0.5 μL), $\text{RSD} < 0.25\%$ (typically, 1.0 μL) Sample Carryover: $\leq 0.0015\%$ (without rinse); $\leq 0.0003\%$ (with rinse, typically) Sample cooler: Air-circulation temperature control type, 4 to 40°C</p> <p>C. SYSTEM SOFTWARE SPECIFICATIONS</p> <ul style="list-style-type: none"> - for data acquisition, data handling (quantitative/qualitative) -includes automated workflow for setting up and starting of acquisition of samples batches and result generation and Laboratory Information Management System (LIMS) export -remote access processing of data is possible <p>MS Acquisition Modes: Q1 scan (Max 1000 events), Q1 SIM (Max 1000 events x 32 channel) Q3 scan (Max 1000 events), Q3 SIM (Max 1000 events x 32 Channel)</p> <p>MSMS Acquisition Modes: Product Ion Scans (Max 1000 events) Precursor ion scans (Max 1000 events) Neutral loss scans (Max 1000 events) MRM (Max 1000 events x 32 channels)</p> <p>DATA PROCESSING: Drawing of LC Chromatograms, MS chromatograms and MS spectra Elimination of background noise in LC Chromatograms Background subtraction and equalization for MS Spectra Area calculations for LC chromatograms and MS Chromatograms Calculation of column performance from LC Chromatograms</p>	
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<p>INSTRUMENT CONTROL: Starting and stopping the MS unit Automatic and manual adjustment of the MS Unit LC Unit and MS unit diagnosis functions</p> <p>DATA MANAGEMENT:</p> <p>Quantitative analysis:</p> <ul style="list-style-type: none"> -View and compare of quantitative chromatograms (MS detector data) -Automatic peak detection of chromatograms -Manual peak detection, manual identification, delete identification results -Quantitative calculation of the identified ions -Draw MS spectrum for identification -Identification and confirmation using library spectra <ul style="list-style-type: none"> -Display calibration curves, edit calibration curves (add and delete calibration points), change of calibration curve type -Display quantitative results, filter results -Set flagging thresholds for outliers of quantitative calculation results, indicate outliers with colors and flag marks - Export quantitative results (tsv, csv format) -View user specified chromatograms -View user specified spectra -Calculate accurate mass from chemical formula -Function to calculate a chemical formula from a mass and score compared to the real spectrum -Deconvolution function to obtain zero charge spectra -Search for compounds in MS data <p>Report Output: Quantitative calculation results, quantitative chromatogram, sample information, calibration curve, MS spectrum, structural formula</p> <p>Data Management: QC chart display, review status setting, configure precision for quantitative result display; Perform statistical analysis – identify outliers within a sample run, or spot trends in historical data across many sample runs</p> <p>LIBRARIES AND METHOD PACKAGES INCLUDED:</p> <ul style="list-style-type: none"> • LC/MS/MS Method Package for Primary Metabolites such as amino acids, acylcarnitines, free carnitine in plasma, urine, cerebrospinal fluid (CSF) and/or other biological materials -Ready-to-Use Analytical Conditions <ul style="list-style-type: none"> - with Two Selectable Analysis Methods - Protocols are included for the preparation of extracts from biological tissue. Saving the user time and money, even laboratories unfamiliar with extraction can follow prescribed steps for LC/MS/MS sample preparation -Includes optimized analytical conditions for two internal standards to permit normalization across multiple samples • LC/MS/MS Method Package for D/L Amino Acids, acylcarnitines • NIST TANDEM MASS SPECTRAL LIBRARY 	
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	<ul style="list-style-type: none"> • MS/MS spectral fragmentation libraries and compound databases for clinical research and forensic toxicology sample • database for quantitative LC/MS & LC/MS/MS method information • Skyline Interface <p>D. COMPUTER SPECIFICATIONS:</p> <ul style="list-style-type: none"> - Processor: Intel® Core i7-12800H - Memory: 32GB (2x16GB) DDR4-3200 nECC RAM - Storage: 512 GB PCIe NVMe M.2 SSD; 1 TB 7200 rpm SATA HDD - Hard DriveGraphics: Graphics: NVIDIA GeForce GTX 1660 SUPER (6 GB GDDR6 dedicated) or higher - 2 units, 27” or larger, flat, (OLED or IPS) monitor (for dual screen system) - Windows 10 OS (64 bit Pro) or higher - WLAN: Realtek Wi-Fi 6 (2x2) and Bluetooth 5.2 combo (Supporting Gigabit data rate) MU-MIMO supported - Bluetooth: YES - With MS Office H&S lifetime subscription - Wi-Fi Wireless Dual Band USB Adapter (fully compatible with Windows 10) - Additional 1TB external hard drive - UPS, 1kVA - LaserJet colored printer that can print with a speed of 712.10 sec with a maximum resolution of 600 x 600 dpi for black & color; 800 MHz processor; maximum memory capacity of 128 MB DDR to optimize the performance; has Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100Base-TX network port & wireless for compatibility and one year of warranty facility. <p>Other inclusion:</p> <ul style="list-style-type: none"> • Start-up kit • 5 PACKS Screw-thread Clear Vial with write on spot with PTFE/white Silicone Septa (100pcs/pack) • TQ standard for auto tuning • 5 packs Syringe Filter, 0.22um • GS Kit for UPLC o PRECOLUMN FILTER 0.2um, 1PK or equivalent o C18 1.8µm 2.1x50mm or equivalent o vials for LC/MS o Nonsterile Nylon Syringe Filters, Pore:0.22(µm), Housing Diameter:25(mm), 100/pk o Solvent safety 4 Ports Bottle Caps Kit (2 units) o Solvent safety 2 Ports bottle caps Kit (3 Units) • 2 pc additional LCMS column • 5 packs Membrane Filter, 0.22 um • Filtration Kit with Oil-less vacuum pump • Measurement Sample 	
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	<ul style="list-style-type: none"> • Carrier gas Supply pipe • N2 Generator • Argon Gas (Initial Supply) • Argon Gas regulator • Vacuum pump with (1) free PM service • Parallel-Redundant Uninterrupted Power Supply (1 unit) which will meet the demand of the required power back up support for the LCMSMS Unit. • Hands-on training will be conducted by factory trained engineers and application specialist to all BGL staff (local). • Includes all expense paid, minimum of 2 weeks international training (which include round trip airfare, accommodations, travel and health insurance and cost of living allowance, meals, and other applicable incidental expenses) for two (2) BGL staff at the Department of Clinical Genetics at Erasmus Medical Center in Rotterdam, Netherlands (c/o Dr George Ruijter) re: training with regards to the UPLC-MS/MS method for the quantification of glycosaminoglycans (GAGs), for the diagnosis of mucopolysaccharidosis (MPS). • Provides analytical methods for analysis of metabolites in biological samples (blood, urine, intracellular materials) and acquisition method with fully optimized LC parameters. • Warranty: 1 year for replacement of parts and 2 years for services with (2) free Preventive Maintenance service and (1) free Calibration service in line with ISO standards with calibration certificate • Service support: factory trained service engineers with minimum of 5-year experience • Should entitle the customer to corresponding discounts on service/ spare parts sale compared to the supplier's published rates (after 2-year service and 1 year-on parts, warranty) • Certificate of Calibration from the Manufacturer (in accordance to ISO guidelines/standards) <p>E. Installation, qualificaion and calibration of LCMS/MS or LC-MS triple quadrupole LC-MS to the New NIH Building (10th Floor) with Gas Line</p> <ul style="list-style-type: none"> • Gas installation package: Gas line system including the tanks and restraints and gas housing (safety measure in case of earthquake); gas shut off valve; and gas purifiers and other applicable accessories • Installation kit • Calibration service with Certificate of Calibration and Qualification (ISO) • Warranty: 1 year, replacement of parts and services, (2) PM service (semi-annual) <p>II. ULTRA HIGH-PERFORMANCE LIQUID CHROMATOGRAPH WITH PHOTODIODE ARRAY (PDA) AND SPECTROFLUOROMETRIC DETECTORS</p>	
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	<p>- equipped with an automatic pretreatment function including sample dilution and reagent addition. The system can be set to automatically mix the sample and derivatization reagents in the autosampler needle</p> <p>A. ULTRA HIGH-PERFORMANCE LIQUID CHROMATOGRAPH (FRONT-END)</p> <p>PDA Detector</p> <ul style="list-style-type: none"> • Wavelength range of 190 nm - 800 nm, wavelength accuracy ± 1 nm, noise level of 4.5×10^{-6} AU, and drift less than 0.4×10^{-3} AU/hour. • Contains both a deuterium (D2) and tungsten (W) lamp. • UV cut-off filter that removes wavelengths below 240 nm from entering the flow cell. • Has a 1024 element diode array. Fully temperature-controlled optics, including the optical bench, lamp housing, and flow cell. Monitored and controlled with a standard web browser. • Built-in Cell ID that is automatically recorded in analysis data. • Linear up to 2.5 AU (ASTM method) or better • Pressure tolerance of 12 MPa or higher • Automatic wavelength accuracy check and wavelength correction. • Integrated 4 channel analog output. • Optional flow cells that can be changed by the user: UHPLC, semi-micro, inert, preparative and high-pressure cell. • Capable of using the i-PDeA II deconvolution algorithm to resolve co-eluting peaks. <p>Spectrofluorometric Detector</p> <ul style="list-style-type: none"> • Wavelength range of 200 nm - 650 nm, spectral bandwidth of 20nm, wavelength accuracy ± 2 nm and precision of ± 0.2 nm. • Contains Xenon (Xe) Lamp. • Simultaneous measurement of four wavelengths, and capable of wavelength scanning. • Has signal to noise ratio of: Water Raman peak $S/N \geq 200$; Low background $S/N \geq 9000$. • With standard conventional cell: volume 12 μL, maximum pressure 2 MPa <p>SYSTEM CONTROLLER</p> <ul style="list-style-type: none"> • System controller features a touch panel and allows the user to control the instrument and carry out analysis preparation directly without the need for a PC. • Built-in reservoir Tray • Connectable units: 8, (Autosampler, Column Oven, Detectors, etc.) <p>On-line Degasser</p> <ul style="list-style-type: none"> • Has flow line capacity of 400 μL internal volume per channel; up to 5 lines of degassed 	
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	<ul style="list-style-type: none"> • Power supplied from pumps • Vacuum level can be displayed on pump control panel or software • Maximum operating flowrate of 10 ml per minute <p>Column Oven</p> <ul style="list-style-type: none"> • Temperature control range is (ambient - 10)°C to 85°C and the temperature setting range is 4°C to 85°C in 1°C steps. • Temperature accuracy is $\pm 0.8^\circ\text{C}$ or better. • Temperature control precision is $\pm 0.1^\circ\text{C}$ or better. • The column oven will have time programming capability in stand-alone (320 steps) or system-controlled configuration for setting temperature ranges and oven ON / OFF. • The oven can store at least 6 columns of 100 mm length or 3 columns of 300 mm length. • The oven can mount one manual injector, 2 flow-channel selection valves (one inside and one outside), a gradient mixer and a cell block of the conductivity detector. • The oven can use a mixer recognition device to log the size of the mixer installed. • The oven can communicate with an optional column management device to track column history. <p>Solvent Delivery Module</p> <ul style="list-style-type: none"> • Parallel dual micro plunger (10 μL) construction for low pulsation and stable baseline. • Flow rate range from 0.1 $\mu\text{L}/\text{min}$ to 10 mL/min with accuracy of $\pm 1\%$ (whichever is larger), and precision within $< 0.06\%$ or 0.02 min SD (whichever is larger) of the set flow rate. • Operable in constant flow or constant pressure mode, as well as isocratic, binary high- pressure gradient, ternary high-pressure gradient, or quaternary low-pressure gradient mode. • The pump can display total operating time, volume of solvent delivered for each seal, and maintenance, error and operation logs. • Maximum pressure of 130 MPa/1300 bar (3mL/min) with pH range of 1-14. <ul style="list-style-type: none"> • With Unique FlowPilot technology or equivalent that ramps up the pump flow gradually, waits for the column to reach its set temperature, then ramps to the set flow rate, reducing potential column damage from pressure shock. • With FlowPilot automatic diagnostic and recovery capabilities or equivalent to allow monitoring of pressure fluctuations for anomalies, restoration of normal operation, and can alert users of low solvent levels. • Users can set solvent compressibility to further reduce pulsation during operation. • Internal solvent selection valve (2 or 4-channel) or a low-pressure gradient formation (LPGE) unit can be added as options. 	
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	<p>Mobile Phase Monitor</p> <ul style="list-style-type: none"> • Reservoir tray weight sensors which can be used to monitor the volume of mobile phase or autosampler rinse solution in up to twelve containers. The containers can also be checked remotely from a smart device. • With notification from the device if the solvents are running low • Consist of the following unit: <ul style="list-style-type: none"> - Main unit Controller - Main unit Bottle holder <p>Autosampler</p> <ul style="list-style-type: none"> • Features a needle in the flow path design to minimize carryover. • Standard sample loop (50 μL), an optional sample loop (2000 μL) and a fixed-loop configuration (5 or 20 μL) are available. • Total injection method: 0.1 to 50 μL in increments of 0.1 μL from 0.1 to 9.9 μL, and 1 μL from 10-50 μL. • Performs sample pretreatment including dilution, reagent addition, co-injection of samples, stacked injection, and overlapped injection. • Temperature control from 4 to 45°C ($\pm 2^\circ\text{C}$ accuracy,) with a forced air cooling mechanism to reduce condensation. • Cycle time of ≤ 7 seconds. • Injection volume repeatability: RSD $\leq 1.0\%$ for 0.5-0.9 μL, RSD $\leq 0.5\%$ for 1.0-1.9 μL, RSD $\leq 0.25\%$ for 2.0-4.9 μL, RSD $\leq 0.15\%$ for injections ≥ 5.0 μL. • Injection volume accuracy of $\pm 1\%$ for 5 μL injections (n=20). • Carryover performance: 0.0015% (no needle rinsing) and 0.0003% (with rinse) or lower. • Equipped with both a static rinse port and an active rinse pump to rinse the outside of the needle before and/or after aspirating sample. • A 3-solvent internal rinse option is available to clean the inside of the needle and loop after sample injection to further reduce carryover. • A dual injection mechanism can be installed for high throughput operation or complementary analysis. • Maximum pressure rating of 130 MPa (1300 bar) or better. <p>Software/Data Management</p> <ul style="list-style-type: none"> • Has a tool can automatically recognize peaks even in complex chromatograms with high noise and accounts for baseline drift for higher integration accuracy • Has a function that can quantify peaks that cannot be completely separated by a column. Separate peaks by simply specifying the time and wavelength in the software. • Has a feature that can be set to start up the unit at a specified time, so that it can complete auto-purge, equilibration, and baseline checks in advance. • Must have the capability to set up in advance to run without 	
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	<p>user intervention all the way from startup through analysis to shut down.</p> <ul style="list-style-type: none"> • Can view the status and predict analysis completion time for multiple systems from any location thru a smart device without a need of a special software. <p>B. COMPUTER SPECIFICATIONS:</p> <ul style="list-style-type: none"> - Processor: Intel® Core i7-12800H - Memory: 32GB (2x16GB) DDR4-3200 nECC RAM - Storage: 512 GB PCIe NVMe M.2 SSD; 1 TB 7200 rpm SATA HDD - Hard DriveGraphics: Graphics: NVIDIA GeForce GTX 1660 SUPER (6 GB GDDR6 dedicated) or higher - 2 units, 27” or larger, flat, (OLED or IPS) monitor (for dual screen system) - Windows 10 OS (64 bit Pro) or higher - WLAN: Realtek Wi-Fi 6 (2x2) and Bluetooth 5.2 combo (Supporting Gigabit data rate) MU- MIMO supported - Bluetooth: YES - With MS Office H&S lifetime subscription - Wi-Fi Wireless Dual Band USB Adapter (fully compatible with Windows 10) - Additional 1TB external hard drive - UPS, 1kVA - LaserJet colored printer that can print with a speed of 712.10 sec with a maximum resolution of 600 x 600 dpi for black & color; 800 MHz processor; maximum memory capacity of 128 MB DDR to optimize the performance; has Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100Base-TX network port & wireless for compatibility and one year of warranty facility. <p>Other Inclusions</p> <ul style="list-style-type: none"> • Start-up kit • 5 PACKS Screw-thread Clear Vial with write on spot with PTFE/white Silicone Septa (100pcs/pack) • 5 packs Syringe Filter, 0.22um • LC Kit for UPLC <ul style="list-style-type: none"> o PRECOLUMN FILTER 0.2um, 1PK o C18 1.8µm 2.1x50mm or equivalent for the analysis of amino acids o Second column suitable for homocysteine, xanthine, hypoxanthine and orotic acid analysis o vial for LC analysis o Nonsterile Nylon Syringe Filters, Pore:0.22(µm), Housing Diameter:25(mm), 100/pk o Solvent safety 4 Ports Bottle Caps Kit (2 units) o Solvent safety 2 Ports bottle caps Kit (3 Units) • 2 pc additional UPLC column • 5 packs Membrane Filter, 0.22 um • 1 Unit Filtration kit • 4 pcs 1 L Mobile Phase Bottle 	
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	<ul style="list-style-type: none"> • 1 Unit Dehumidifier 20L • Hands-on training will be conducted by factory trained engineers and application specialist to all BGL staff (local). • Includes all expense paid, minimum of 2-week international training (which include round trip airfare, accommodations, travel and health insurance and cost of living allowance, meals, and other applicable incidental expenses) for two (2) BGL staff at the Molecular Diseases Laboratory, Faculty of Sciences, Autonomous University of Madrid (c/o Dr. Pedro Salas) re: 1) interpretation and quantification of organic compounds in urine; and 2) quantification of methylmalonic acid in plasma, galactitol and galactonate in urine, very long chain fatty acids in plasma, acylcarnitines in plasma, lactate, pyruvate, 3-OH-butyrate and acetoacetate in plasma and of galactose 1-phosphate uridylyltransferase in erythrocytes. • Provides analytical methods for analysis of metabolites in biological samples (blood, urine, intracellular materials) and acquisition method with fully optimized UPLC parameters. • Warranty: 1 year for replacement of parts and 2 years for services with (2) free Preventive Maintenance service and (1) free Calibration service in line with ISO standards with calibration certificate • Service support: factory trained service engineers with minimum of 5-year experience • Should entitle the customer to corresponding discounts on service/ spare parts sale compared to the supplier's published rates (after 2-year service and 1 year-on parts, warranty) • Certificate of Calibration from the Manufacturer (in accordance to ISO guidelines/standards) • 3 kVA UPS <p>C. Reinstallation and re-calibration of UPLC to the New NIH Building with Gas Line</p> <ul style="list-style-type: none"> • Installation kit • Re-calibration service with Certificate of Calibration (ISO) • Warranty: 1 year, replacement of parts and services, (2) PM service (semi-annual) <p>III. Gas Chromatograph Single Quadrupole Mass Spectrometer</p> <ul style="list-style-type: none"> • GC must have a specification published for retention time repeatability of <0.008 % or <0.0008 minutes; area repeatability < 1% RSD • System should have a technology that uses various control methods to control carrier gas flow to a constant flow speed, flow rate, or pressure. • Four detectors can be installed simultaneously and individually temperature controlled. • Compatibility of the unit to process analytical data derived from the laboratory's existing unit of single quadrupole GC-MS • Interface must provide access to all of the following: 	
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	<ul style="list-style-type: none"> • Connectivity to check status or run diagnostics from anywhere within your network • Built-in self-guided diagnostics and maintenance capabilities • Method and sequence editing without the need for a data system • Easy access to logs and complete user documentation with password enable feature to limit access to authorized lab users only with reliable error and warning system <ul style="list-style-type: none"> • Pressure has typical control of ± 0.001 psi for the range of 0 to 150 psi. Pressure set points may be adjusted in increments of 0.001 for the range 0.000 to 99.999 psi, and 0.01 for the range 100.00 to 150.00 psi with integrated leak detector function <ul style="list-style-type: none"> • with 7 pressure program ramps • System must have a split/splitless inlet (S/SL), 0-150 psi. Inlet sealing system is built in standard with each S/SL inlet for quick, easy, injector liner changes in under 30 seconds. • System is capable of effluent splitting, back flushing, and column switching or multiple backflush configurations. • The programmed rate setting range should be -250 to 250oC/ min. Temperature set point resolution: 0.1oC or better. The oven should be able to cool down in a maximum of 3.4 min from 450oC to 50oC; with highly precise oven control • Possible to program 32 temperature ramps, with preset oven cooling rates • Possible to use capillary columns of 50, 100, 250, 320 microns and above. • The pressure set points should be adjustable by increments of 0.001 psi up to 150 psi. Maximum temperature attainable should be $\geq 450^{\circ}\text{C}$. • Split ratio: up to 9999.9:1 • Touchscreen user interface • System should be supplied with computer that has minimum 16Gb RAM, 480G Solid State Drive (SSD) and a software, which is based on Microsoft Windows 10 operating system for instrument control, data acquisition, data analysis, quantization, automation & customization with online and offline sessions provided. • System should be designed and manufactured under ISO9001 and should comply with most of international regulatory, safety and electromagnetic compatibility requirement <p>A. Specifications: Ion Source</p> <ul style="list-style-type: none"> • Ionization: EI (standard) • Temperature: 140 to 350 °C • Filament: Dual, automatic switching • Electron Energy: 10 to 200 eV or better • Emission Current: 5 to 250 μA or better <p>VACUUM SYSTEM</p> <ul style="list-style-type: none"> • Main Pump: turbo molecular pump differential exhaust system 	
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	<ul style="list-style-type: none"> • Auxillary Pump: Oil rotary pump, 30 L/minute (60 Hz) • Column Flow: 15 mL/minute (He) <p>MASS ANALYZER AND DETECTOR</p> <ul style="list-style-type: none"> • Mass Analyzer: Metal quadrupole mass filter with pre-rods • Mass Range: m/z 1.5 to 1090 or higher • Mass Resolution: 0.4 to 2.0 u (FWHM) • Mass Axis Stability: ± 0.1 u/48 hours (constant temperature) • High-speed Scan Control: Advanced Scanning Speed Protocol • Scan Rate: 20,000 u/second or better • Minimum Measurement Interval: 0.01 sec (100 scans/second maximum) • Detector: Electron multiplier with low noise <p>Auto sampler</p> <ul style="list-style-type: none"> • Must be have a minimum of 16 vials auto sampler or better, for washing and other reagents for standard addition; must be able to accommodate a minimum of 150 samples per batch run • Injection volume range: 10nl to 200 uL • Injection Linearity: >0.999 coefficient of deviation • Maximum Run time: 9999.99 min. • Sample delivery precision: $\leq 1.00\%$ RSD • Sample Carryover: <0.005% or 5ppm • Safety Mechanics: Leak Sensor (if applicable) and self-diagnosis function <p>Column and Column Oven</p> <ul style="list-style-type: none"> • Column: 5Sil MS, 30m, 0.25mm, 0.25um or equivalent depending on manufacturer's brand • Column Temperature Control: up to 450°C • Column Tracking: column history/ information tracking <p>SYSTEM SOFTWARE SPECIFICATIONS</p> <ul style="list-style-type: none"> • with software platform to support data generation and processing: • Availability of quantification methods database; up to 10 libraries configuration; installation of 3 spectral libraries • should have capability of locking/ adjusting the retention time so that same retention time can be reproduced from system to system and the method should be electronically transferred. • includes automated workflow for setting up and starting of acquisition of samples batches and result generation and Laboratory Information Management System (LIMS) export • remote access processing of data is possible • Data Management: QC chart display, review status setting, configure precision for quantitative result display; Perform statistical analysis – identify outliers within a sample run, or spot trends in historical data across many sample runs <p>B. COMPUTER SPECIFICATIONS:</p> <ul style="list-style-type: none"> - Processor: Intel® Core i7-12800H - Memory: 32GB (2x16GB) DDR4-3200 nECC RAM 	
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	<ul style="list-style-type: none"> - Storage: 512 GB PCIe NVMe M.2 SSD; 1 TB 7200 rpm SATA HDD - Hard DriveGraphics: Graphics: NVIDIA GeForce GTX 1660 SUPER (6 GB GDDR6 dedicated) or higher - 2 units, 27" or larger, flat, (OLED or IPS) monitor (for dual screen system) - Windows 10 OS (64 bit Pro) or higher - WLAN: Realtek Wi-Fi 6 (2x2) and Bluetooth 5.2 combo (Supporting Gigabit data rate) MU- MIMO supported - Bluetooth: YES - With MS Office H&S lifetime subscription - Wi-Fi Wireless Dual Band USB Adapter (fully compatible with Windows 10) - Additional 1TB external hard drive - UPS, 1kVA - LaserJet colored printer that can print with a speed of 712.10 sec with a maximum resolution of 600 x 600 dpi for black & color; 800 MHz processor; maximum memory capacity of 128 MB DDR to optimize the performance; has Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100Base-TX network port & wireless for compatibility and one year of warranty facility. <p>Other inclusion:</p> <ul style="list-style-type: none"> • Start-up test kit/s, 300 pcs. Non pre-slit septa 2mL glass vial • NIST MS Library (latest version), Wiley, Fiehn GC/MS Metabolomics RTL Library and kit, SMART metabolite database or equivalent; relevant to pharmaceutical and biochemical compounds and comprehensive database for clinical biomarkers; include Tandem (MS/MS) libraries and GC methods/retention indices library with provision of free updating of the library up to three years from the date of delivery. • Install Kit for GCs with Gas Purifiers; Gas filter and regulator for Gases • Vial, screw, 2mL, amber, 100/pk and Blue screw caps, 100/pk and Column based on application • Spare supplies/accessories which include but not limited to: 1) syringe 10 uL for liquid injection, 2) supply of vacuum oil; 3) O-rings; 4) (1) additional analytical column of same specification; 5) vials for washing and waste solvent and 6) one (1) additional column for other clinical diagnosis of IEM applications of the GC-MS; 7) (1) set of gas purifiers; 8) PM kit; 9) one unit 1 TB external hard drive for storage of analytical data (back up); 10) table for the unit; 11) equipment standards and tuning solutions • Parallel-Redundant Uninterrupted Power Supply (1 unit) which will meet the demand of the required power back up support for the GCMS Unit. • Vacuum pump with (1) free PM service • Hands-on training will be conducted by factory trained engineers and application specialist to all BGL staff (local at least 3-5 days with hands on). • Includes all expense paid, minimum of 2 weeks international 	
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	<p>training (which include round trip airfare, accommodations, travel and health insurance and cost of living allowance, meals, and other applicable incidental expenses) for two (2) BGL staff training at Sheffield Childrens Hospital Inherited Metabolic Disease Laboratory in the United Kingdom (c/o Drs Jim Bonham, Simon Olpin and Nigel Manning) re: 1) synthesize 1,514C glutaryl-CoA from 1,514C glutaric acid and set up and run the assay on cultured fibroblasts via trapping released 14CO₂ in fiber-glass filter discs and quantifying the captured radioactivity by beta emission ; 2) Overview of Software applications to facilitate processing and interpretation of Urine organic Acid analysis; 3) Two dimensional TLC for amino acid screening in body fluids; 4) Fibroblast Immunofluorohistochemical staining for catalase in the screening for peroxisomal disorders; 5) Fibroblast Fillipin staining for Niemann Pick type C disease; 6) Very Long Chain Fatty Acid analysis by GCMS, methodology and aspects of method development and 7) demonstration of interpretation and validation of acylcarnitine profiles.</p> <ul style="list-style-type: none"> • Provides analytical methods for analysis of metabolites in biological samples (blood, urine, intracellular materials) and acquisition method with fully optimized GC parameters. • Warranty: 1 year for replacement of parts and 2 years for services with (2) free Preventive Maintenance service and (1) free Calibration service in line with ISO standards with calibration certificate • Service support: factory trained service engineers with minimum of 5-year experience • Should entitle the customer to corresponding discounts on service/ spare parts sale compared to the supplier's published rates (after 2-year service and 1 year-on parts, warranty) • Certificate of Calibration from the Manufacturer (in accordance to ISO guidelines/standards) <p>C. Installation, qualification and calibration of GCMS to the New NIH Building with Gas Line</p> <ul style="list-style-type: none"> • Gas installation package: Gas line system for nitrogen, helium and argon including the tanks and restraints and gas housing (safety measure in case of earthquake); gas shut off valve; and gas purifiers and other applicable accessories • Installation kit with gas purifiers • calibration service with Certificate of Calibration and qualification (ISO) • Warranty: 1 year, replacement of parts and services, (2) PM service (semi-annual) <p>Other inclusions (for all 3 equipment):</p> <ul style="list-style-type: none"> <input type="checkbox"/> Suppliers to provide certification re: exemption from IVD registration for all the above equipment. <input type="checkbox"/> Supplier must be able to provide evidence/s on the actual use of the equipment model aligned with the analysis of human samples, such as plasma, urine, cerebrospinal fluid and others, for the diagnosis of inborn errors of metabolism. 	
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	<p> <input type="checkbox"/> Suppliers to provide opportunity for site visit in laboratories in the Philippines with installation of each equipment being offered <input type="checkbox"/> Suppliers to provide details pertinent to the following: <input type="checkbox"/> Cost of PM per year to include options for 1 lot for the 3 equipment <input type="checkbox"/> Cost of software upgrade after the warranty period <input type="checkbox"/> Each software must be subject to maintenance plan for at least 1 year. <input type="checkbox"/> Supplier to provide free software upgrade for at least 2 years from the date of installation/first use. <input type="checkbox"/> Supplier to interface software with IHG's existing Laboratory Information Management System (LIMS) for automated test report preparation <input type="checkbox"/> Delivery Period: Within 120-180 calendar days from the date of receipt of P.O. <input type="checkbox"/> Price is VAT Inclusive. </p> <p>Note: Suppliers/Bidders should participate in blind testing where Biochemical Genetics Laboratory is to provide 2 samples per instrument that they are going to test the following using the same equipment and methodology that will be included in the bid and submit the results together with their bid documents.</p> <p>The purpose of this is for the laboratory to be able to assess the 1) demonstrated sensitivity and precision of the equipment; 2) demonstrated capability to detect biomarkers involved in the screening and diagnosis of patients with inherited metabolic disorders; 3) demonstrated capability of the supplier to provide technical support to Biochemical Genetics Laboratory.</p> <table border="1" data-bbox="284 1261 1198 1603"> <thead> <tr> <th>Instrument</th><th>Application</th><th>Data Output</th></tr> </thead> <tbody> <tr> <td>LC-MS/MS; Triple Quadrupole LC tandem MS</td><td>Plasma Acylcarnitine Analysis</td><td>Quantitative</td></tr> <tr> <td>Ultra High Performance Liquid Chromatograph</td><td>Plasma Amino Acid Analysis</td><td>Quantitative</td></tr> <tr> <td>Gas Chromatograph Single Quadrupole Mass Spectrometer</td><td>Urine Organic Acid Analysis</td><td>Semi-Quantitative</td></tr> </tbody> </table> <p>Results of Analysis must indicate the following:</p> <ol style="list-style-type: none"> Instrument used - instrument detection limit Analytical method used – method detection limit Analytes detected – to include the chromatograms and raw data generated by the equipment Concentrations/levels of analytes detected per measurement (at least 2 trials) 	Instrument	Application	Data Output	LC-MS/MS; Triple Quadrupole LC tandem MS	Plasma Acylcarnitine Analysis	Quantitative	Ultra High Performance Liquid Chromatograph	Plasma Amino Acid Analysis	Quantitative	Gas Chromatograph Single Quadrupole Mass Spectrometer	Urine Organic Acid Analysis	Semi-Quantitative	
Instrument	Application	Data Output												
LC-MS/MS; Triple Quadrupole LC tandem MS	Plasma Acylcarnitine Analysis	Quantitative												
Ultra High Performance Liquid Chromatograph	Plasma Amino Acid Analysis	Quantitative												
Gas Chromatograph Single Quadrupole Mass Spectrometer	Urine Organic Acid Analysis	Semi-Quantitative												

Section VIII. Checklist of Technical and Financial Documents

I. ELIGIBILITY AND TECHNICAL COMPONENT ENVELOPE (Envelope No. 1)

Class “A” Documents

Legal Documents (foreign bidders (if allowed) shall submit equivalent documents issued by relevant government institution duly authenticated and should be in English).

- ☐ a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
And
- ☐ b) Registration certificate from Securities and Exchange Commission (SEC) including articles of incorporation and latest general information sheet, Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document,
And
- ☐ c) Mayor’s or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas; (Note: In case not yet renewed, submit proof of application of renewal).
And
- ☐ d) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

Technical Documents

- ☐ e) 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; (Attach Notice of Award / Purchase order /Supply Contract)
and
- ☐ (f) 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; (Attach Letter of Acceptance/Certificate of Completion signed by the owner or authorized representative or Official Receipts issued for the contract) **and**
- ☐ (g) 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**
- ☐ (h) Conformity with the Technical Specifications, Terms of Reference which include production/delivery schedule, manpower requirements for training, maintenance (List of key Personnel), etc. as required for the provision/delivery of the system, and after-sales services; **and** (i) Other documentary requirements specified in the Terms and Conditions;

and

- ☐ (j) 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.

Certified scanned copy of Government Issued ID (GIID) of the authorized representative/s who executed the OSS and Secretary's Certificate should be attached to these instruments.

Note: If the person who executed the Omnibus Sworn Statement is not the same as the official who shall sign the contract/Purchase Order, please attach another Secretary's Certificate attesting to this effect.

Financial Documents

- ☐ (k) The Supplier's audited financial statements, showing, among others, the Supplier's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; **and**
- ☐ (l) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC);
or
A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

- ☐ (m) **Additional Documents:** UP Manila Questionnaire (Notarized)

Class "B" Documents

- ☐ (n) If applicable, a duly signed joint venture agreement (JVA) in case the jointventure 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.

II. FINANCIAL COMPONENT ENVELOPE

- ☐ (o) Original of duly signed and accomplished Financial Bid Form; **and**
- ☐ (p) Original of duly signed and accomplished Price Schedule(s).

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

- ☐ (q) *[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.
- ☐ (r) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.

Section IX. FORMS

1. Quick Fact Sheet – to be used when requesting for zoom link and should be placed on top of the bid documents (new requirement)
2. Bid Securing Declaration
3. Financial Documents for Eligibility Check (NFCC)
4. Bid Form and Bid Price Schedule
5. Omnibus Sworn Statement
6. UP Questionnaire
7. Statement of Ongoing Projects
8. Statement of Single Largest Completed Contract (similar to the contract to be bid)
9. Illustration for the marking and sealing of bid envelopes 1 and 2



UNIVERSITY OF THE PHILIPPINES MANILA BIDS AND AWARDS COMMITTEE 3

2nd Floor, Joaquin Gonzales Compound, Padre Faura Street, Taft Avenue, Manila 1000,
Philippines
Tel: (632) 88141-223

GUIDELINES FOR THE CONDUCT OF BIDS AND AWARDS COMMITTEE MEETINGS USING ONLINE PLATFORMS (SUCH AS VIDEO CONFERENCING, ZOOM, ETC)

Background and General Principle

Article III, Section 8 of RA 9184 2016 Implementing Rules and Regulations (IRR) provides that “to promote transparency and efficiency, information and communications technology shall be utilized in the conduct of procurement procedure.”

The Government Procurement Policy Board through its Technical Support Office (TSO) continuously strived for the development of various on-line systems such as PhilGEPS which serves as the primary source of information on all government procurement. Procurement of common-used supplies and equipment can now be done at the Virtual Store of the Procurement Service. Recently, the development of online training platform was hastened due to the physical restrictions brought about by the community quarantine due to the COVID-19 pandemic.

Development of the online system for the submission of bids is ongoing. However, also due to the pandemic, the GPPB-TSO encouraged procuring agencies to develop their own system but in accordance with the guidelines issued by GPPB-TSO to ensure security, integrity and confidentiality of bid documents submitted.

The conduct of meetings with prospective bidders including prebid conference and opening of bids may now be conducted in person or face-to-face through videoconferencing, webcasting or similar technology with the interested suppliers, contractors and consultants.

In UP Manila, specifically the Bids and Awards Committee (BAC1, BAC2 and BAC3) meetings shall be conducted “face to face” using the online platforms. The manner of holding BAC meetings should be announced and described in the Invitation to Bid at the onset of the procurement activities. It should clearly define the guidelines or procedures to be observed by the prospective bidders and other interested contractors, suppliers or consultants, as follows:

- a. Using the attached Quick Fact Sheet, prospective bidders shall inform the concerned BAC Secretariat of their interest to participate in the preprocurement or prebid conferences by sending the name/s of their authorized representative/s and their corresponding email address/es at least, the day before the meeting, to the following email addresses:

BAC 2 : upm-bac2@up.edu.ph

BAC 3 : upm-bac3-secretariat@up.edu.ph

- b. The zoom link which shall be provided by the BAC Secretariat to those who signified their intention to attend at least one (1) hour before the scheduled start of the meeting. Only those whose names were submitted to the Secretariat will be allowed access to the meeting room. Zoom link should not be shared to other people.
- c. The prospective bidders/suppliers shall stay initially at the zoom waiting room until the discussion of the item where they intend to participate starts. The host of the meeting from the BAC Secretariat will then let them in to the meeting room just before the discussion of the specific matter they intend to participate.
- d. During discussion, participants shall be requested to put their audio/ microphones in “mute” mode, and shall unmute only upon raising their hands and have been given by the presiding officer the permission to speak.
- e. Participants shall open their camera when speaking for proper recognition.
- f. After discussion, all prospective bidders/suppliers for a particular project will courteously be requested to leave the meeting.
- g. Attendance to the zoom meeting should be documented. Likewise, the proceedings/minutes of the meeting should be recorded.

QUICK FACT SHEET OF PROSPECTIVE BIDDERS:

PROJECT TITLE: _____
PURCHASE REQUEST NO. _____

BIDDER'S OFFICIAL BUSINESS NAME

COMPLETE BUSINESS ADDRESS:

OFFICIAL CONTACT DETAILS:

Landline: _____
Cellphone No. _____
Email Address: _____

NAME OF AUTHORIZED/DESIGNATED REPRESENTATIVE (Signature over Printed Name)

- a) During bidding: _____ Designation in the Company: _____
- b) Signing of Contract/Purchase Order: _____
- Designation in the Company: _____

Certified true and correct:

Signature over Printed Name

Corporate Secretary or Authorized Officer

NOTES:

1. Information provided in this fact sheet should be consistent with the details contained in the bidder's legal documents (SEC Registration/Latest GIS, Omnibus Sworn Statement and Secretary's Certificate).
2. The certifying officer should be at least the Corporate Secretary who shall execute the Secretary's Certificate of signing authority.
3. A filled-up copy of this sheet shall be sent to the BAC Secretariat when requesting zoom link. Another copy should be placed on top of the original copy of legal documents/eligibility requirements (Envelope 1) of bid documents.

Revised 30 May 2023

Republic of the Philippines)
City of _____)S.S.

x ----- x

BID-SECURING DECLARATION
Invitation to Bid / Request for Expression of Interest No. ____

To: [Name and Address of the Procuring Entity]

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid-Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, if I/we have committed any of the following actions:
 - (i) Withdrawn my/our Bid during the period of bid validity required in the Bidding Documents; or
 - (ii) Fail or refuse to accept the award and enter into contract or perform any and all acts necessary to the execution of the Contract, in accordance with the Bidding Documents after having been notified of your acceptance of our Bid during the period of bid validity.
3. I/We understand that this Bid-Securing Declaration shall cease to be valid on the following circumstances:
 - (a) Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
 - (b) I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we failed a waiver to avail of said right;
 - (c) I am/we are declared as the bidder with the Lowest Calculated and Responsive Bid / Highest Rated and Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this ____ day of _____, 20 ____ at _____.

[BIDDER'S AUTHORIZED REPRESENTATIVE]

[Signatory's Legal Capacity]

Affiant

SUBSCRIBED AND SWORN TO before me this ____ day of _____, 20 ____ at _____, Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her [insert type of government identification card used], with his/her photograph and signature appearing thereon, with no. ____ and his/her Community Tax Certificate No. _____ issued on _____ at _____.

Witness my hand and seal this ____ day of _____, 20 ____.

Doc. No.: _____;

Page No.: _____;

Book No.: _____;

Series of _____.

NOTARY PUBLIC

FINANCIAL DOCUMENTS FOR ELIGIBILITY CHECK
COMPUTATION OF NET FINANCIAL CONTRACTING CAPACITY (NFCC)

Summary of the Applicant Supplier's/Distributor's/Manufacturer's assets and liabilities on the basis of the attached income tax return and audited financial statement, stamped "RECEIVED" by the Bureau of Internal Revenue or BIR authorized collecting agent, for the immediately preceding year.

		Year 20 _____
1.	Total Assets	
2.	Current Assets	
3.	Total Liabilities	
4.	Current Liabilities	
5.	Net worth (1-3)	
6.	Net Working Capital (2-4)	

- (d) The Net Financial Contracting Capacity (NFCC) based on the above data is computed as follows:

NFCC = [(Current assets – Current liabilities) (15)] minus the value of all outstanding or uncompleted portions of the projects under on- going contracts, including awarded contracts yet to be started coinciding with the contract to be bid.

NFCC = P _____

Note: Please show computation including the amount of all ongoing contracts/uncompleted contract and awarded contracts yet to be started to be deducted from the net worth.

Or

Commitment from a licensed bank to extend to it a credit line certificate if awarded the contract in the amount of at least 10% of the proposed project to bid.

Name of Bank: _____ Amount: _____

Herewith attached are certified true copies of the income tax return and audited financial statement stamped "RECEIVED" by the BIR or BIR authorized collecting agent for the immediately preceding year and the certificate of commitment from a licensed bank to extend a credit line.

Submitted by:

Name of Supplier/Distributor/Manufacturer

Signature of Authorized Representative

Date: _____

NOTE:

1. If Partnership or Joint Venture, each Partner or Member Firm of Joint Venture shall submit the above requirements.
2. The values of the domestic bidder's current assets and current liabilities shall be based on latest Audited Financial Statements submitted to the BIR.



UNIVERSITY OF THE PHILIPPINES MANILA
BIDS AND AWARDS COMMITTEE 3
2nd Floor, Joaquin Gonzales Compound, Padre Faura Street, Taft Avenue, Manila 1000,
Philippines
Tel: (632) 88141-223

BID FORM
BID No. BAC3-NIH-IHG-PR22182

**Supply of Liquid Chromatograph Tandem Triple
Quadrupole Mass Spectrometer Ultra High-
Performance Liquid Chromatograph and Gas
Chromatograph Single Quadrupole Mass Spectrometer
(Rebid)**

Date: _____

To:
BIDS AND AWARDS COMMITTEE 3
2nd Floor Joaquin Gonzales Compound,
University of the Philippines Manila,
Padre Faura St. Ermita Manila,

Gentlemen and Ladies:

Having examined the Bidding Documents including Bid Bulletin Number __ the receipt of which is hereby duly acknowledged, we, the undersigned, offer to **Liquid Chromatograph Tandem Triple Quadrupole Mass Spectrometer Ultra High-Performance Liquid Chromatograph and Gas Chromatograph Single Quadrupole Mass Spectrometer (Rebid)** for the amount of our bid offer _____ or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

We undertake, if our Bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our Bid is accepted, we undertake to provide a performance security in the form, amounts, and within the times specified in the Bidding Documents.

We agree to abide by this Bid for the Bid Validity Period specified in **BDS** provision for **ITB** Clause 18.2 and it shall bring upon us and may be accepted at any time before the expiration of that period.

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address of agent	Amount and Currency	Purpose of Commission or gratuity
_____	_____	_____
_____	_____	_____
_____	_____	_____

(if none, state "None")

Until a formal contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Awards, shall be binding upon us.

We understand that you are not bound to accept the lowest or any bid you may receive.

We certify/confirm that we comply with the eligibility requirements as per ITB Clause 5 of the Bidding documents.

Dated this _____ day of _____ 20 _____.

[signature over printed name]

[in the capacity of (indicate position in the company)]

Duly authorized to sign Bid and on behalf of

“FOR ENVELOPE 2”

BID PRICES / BILL OF QUANTITIES

BID NO.: BAC3-NIH-IHG-PR22182

UNIT : NIH-IHG

Item #	Quantity	Description	Unit Price	Approved Budget	Total Bids: (bids amount should be inclusive of tax)	
					Unit Cost	Total Amount
1	1 Unit	Liquid Chromatograph Tandem Triple Quadrupole Mass Spectrometer Ultra High-Performance Liquid Chromatograph and Gas Chromatograph Single Quadrupole Mass Spectrometer	30,000,000.00	30,000,000.00		
		Total:		Php 30,000,000.00		

BID NO.: BAC3-NIH-IHG-PR22182

UNIT : NIH-IHG

Signature of Representative

Name of Representative

Position

Company

Address

Telephone/Fax Nos.

Omnibus Sworn Statement (Revised)
[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. *[Select one, delete the other:]*

[If a sole proprietorship:] I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

[If a partnership, corporation, cooperative, or joint venture:] I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. *[Select one, delete the other:]*

[If a sole proprietorship:] As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

[If a partnership, corporation, cooperative, or joint venture:] I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *[Select one, delete the rest:]*

[If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a partnership or cooperative:] None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a corporation or joint venture:] None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and
8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
 - a. Carefully examining all of the Bidding Documents;
 - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
 - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.
9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

IN WITNESS WHEREOF, I have hereunto set my hand this __day of __, 20__ at _____, Philippines.

*[Insert NAME OF BIDDER OR ITS
AUTHORIZED REPRESENTATIVE]*

[Insert signatory's legal capacity]
Affiant

Reminder: In case of Corporation/Partnership, a notarized Secretary's Certificate should be attached to this Omnibus Sworn Statement. Certified photocopy of Government Issued Identification Card with specimen signatures presented to the notary public should also be attached to both aforementioned instruments.

QUESTIONNAIRE FOR PROSPECTIVE BIDDERS

- 1 Have you ever participated in any bidding in the University of the Philippines System?

YES	NO

If YES, fill up the table below. Use additional pages if necessary.

Constituent University / UP Campus	Name of Project	Amount of Project	Duration Start / End (Dates)	Status (On-going / completed)

- 2 Has your company ever been suspended or blacklisted by the University of the Philippines System?

YES	NO

If YES, fill up the table below. Use additional pages if necessary.

Constituent University / UP Campus	Name of Project	Reason for suspension / blacklisting	Status (On-going / lifted)

- 3 Has your company ever been suspended or blacklisted by any government agency or private Company?

YES	NO

If YES, fill up the table below. Use additional pages if necessary.

Name of government agency / Company	Name of Project	Reason for suspension / blacklisting	Status (On-going / lifted)

- 4 Has there ever been any project of your company in the University of the Philippines that was terminated by Administration?

YES	NO	NA

If YES, fill up the table below. Use additional pages if necessary.

Constituent University / UP Campus	Name of Project	Reason for termination	Date of termination

5	Do you certify that all the documents submitted by your company and personnel are authentic?	YES	NO

6	Is there any pending investigation and/or case filed against your company or your personnel in any court or any similar institutions in relation to any government contracts awarded to your company? in relation to practice of profession of any of your personnel?	YES	NO

If YES, fill up the table below. Use additional pages if necessary.

For Company

Case Filed	Where Filed	Date Filed	Status (On-going / resolved)	Remarks

For Personnel

Name of Personnel & Designation	Case Filed	Where Filed	Date Filed	Status (On-going / resolved)	Remarks

I hereby certify that all statements and information provided herein are complete, true and correct.

Name & Signature of Bidder's

Authorized

Representative

: _____

:

Official Designation

Company

: _____

Notarized by

STATEMENT OF BIDDER'S SINGLE LARGEST COMPLETED CONTRACT SIMILAR TO THE CONTRACT TO BE BID WITHIN THE LAST TWO (2) YEARS

Business Name: _____

Business Address: _____

NAME OF CONTRACT / SALES	a. Owner's Name	Nature of Work	Bidder's Role		a. Amount of Award	a. Date Awarded
	b. Address		Description	%	b. Amount at Completion	b. Contract Effectivity
	c. Telephone Nos.				c. Duration	c. Date Completed

Note: This statement shall be supported with Letters of Acceptance signed by the owner or authorized representative or official receipts issued for the contract, if completed.

Submitted by

:

(Printed Name and Signature)

Designation

:

Date

:

**STATEMENT OF ALL ON-GOING GOVERNMENT AND PRIVATE CONTRACTS
INCLUDING CONTRACTS AWARDED BUT NOT YET STARTED**

Business Name: _____

Business Address: _____

NAME OF CONTRACT / PROJECT COST	a. Owner's Name	Nature of Work	Bidder's Role		a. Date Awarded b. Contract Effectivity	% of Accomplishment		Value of Outstanding Works / Undelivered Portion	
	b. Address c. Telephone Nos.		Description	%	c. Date Completed	Planned	Actual		

TOTAL COST OF OUTSTANDING CONTRACTS / WORKS: _____

Note: 1. This statement shall be supported with Notice of Award / Purchase order /
Supply Contract Provide another sheet if necessary

Submitted

by

:

(Printed Name and Signature)

Designation

:

Date

:

Guide on Sealing and Marking

Suggested Marking (ITB 20)

COPY OF FIRST ENVELOPE

BIDDER:

Official Business Address

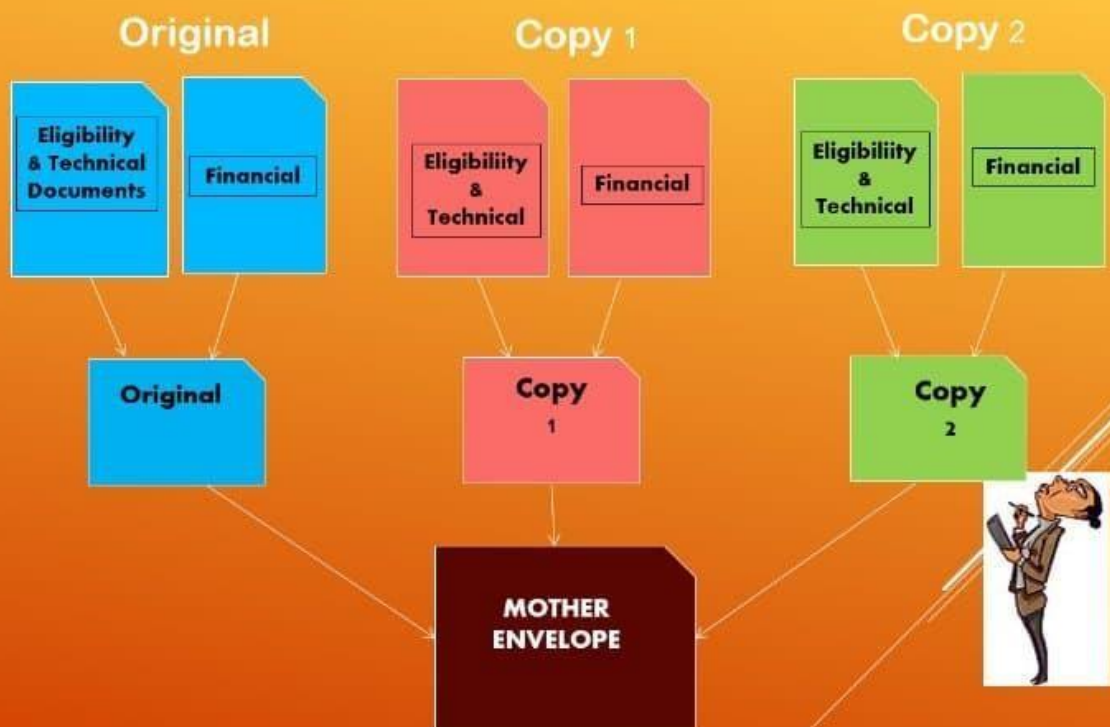
Contact Details: Telephone / e-mail

Project Title:
Reference/PR No.
Public Bidding No.

Procurement Management Office
2nd Floor, UP Manila Main Bldg.
Joaquin Gonzales Compound,
Padre Faura St. Manila

DO NOT OPEN BEFORE _____

PACKAGING



REMINDER: Please refer the Checklist provided in the Bidding Documents on what should be included in Eligibility and Technical Documents (Envelope No. 1) and Financial Component (Envelope No. 2). Bid documents should be submitted in three copies as illustrated above and arrange in the order as listed in the checklist with proper markings/tabs. All bid documents should be secured by a binder (ex. paper fastener)

UP MANILA BIDS AND AWARDS COMMITTEE 3
February 2024

