

Invitation for Bids

COUNTRY: Republic of Armenia

NAME OF PROJECT: *Education Improvement Project*

IBRD Loan No. [8342-AM](#);

IDA Credit No. [5387-AM](#)

Contract Title: Establishment of an Educational and Scientific Center of Quality Control and Monitoring of Drugs

Reference No. YSUICB -1/2020

1. The *Republic of Armenia* has received financing from the World Bank toward the cost of the *Education Improvement Project*, and intends to apply part of the proceeds toward payments under the *contract for the Establishment of an Educational and Scientific Center of Quality Control and Monitoring of Drugs conducted by the Yerevan State University Foundation under CIF grant project*.
2. The *Yerevan State University* now invites sealed bids from eligible bidders for the Establishment of an Educational and Scientific Center of Quality Control and Monitoring of Drugs:
 - *LOT 1 (Analytical Laboratory Equipment 1)*,
 - *LOT 2 (Analytical Laboratory Equipment 2)*
 - *LOT 3 (Analytical Laboratory Equipment 3)*

The detailed description and requirements of the Goods are specified in the **Section VII Schedule of Requirements** of the Bidding Documents.

Bids will be evaluated on a per lot basis. Discounts, if any, offered for each lot will be considered in the evaluation of bids. Discounts for [combined lots](#) will be taken into account in evaluation of bids.

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

[The main qualification criteria:](#)

The Bidder should demonstrate soundness of its financial position and ownership of financial resources necessary to handle the requirements of the proposed Contract. Specifically, it should prove through submission of Audit Reports inclusive Auditors' Opinion(s) and attached Notes to the financial statements for previous three years: 2016; 2017; 2018; ensuring that:

(i) Its average annual revenue for the previous three years (2016-2018) should be at least equal to the value of the bid. In order to qualify for more than one lot, bidders shall meet the aggregate requirement for relevant lots.

(ii) Its average Total Assets-to-Total Liabilities (net of equity) ratio for the previous three years (2016-2018) should be greater than 1

In case of JV:

i. Each member of the JV shall submit: Audit Reports inclusive Auditors' Opinion(s) and attached Notes to the financial statements for previous three years: 2016; 2017; 2018.

ii. JV shall meet the following requirements:

- Average annual revenue for the previous three years (2016-2018) should be at least equal to the value of the bid. In order to qualify for more than one lot, bidders shall meet the aggregate requirement for relevant lots.
- Its average Total Assets-to-Total Liabilities (net of equity) ratio for the previous three years (2016-2018) should be greater than 1

(ii) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

i. The Bidder should be a legally registered entity. In this regard the Bidder is required to submit copies of State Registration Certificate and Charter.

ii. The Bidder should have been in the business of laboratory equipment supply for a minimum period of 5 years (starting from January 1 2015). In this regard the Bidder is required to submit a statement representing the list of contracts performed by the Bidder started from January 1, 2015 and completed before the bid submission deadline, specifying the contractor, contract price, duration and type of laboratory equipment.

iii. The Bidder should have successfully implemented at least 2 contracts of laboratory equipment supply: started from January 1, 2015 and completed before the bid submission deadline for each submitted lot with at least the same total amount of each contract no less than the amount submitted for the current lot. The Bidder should provide copies of contracts, invoices and final acceptance acts (with supplied items, quantities and amount per item) ensuring the appropriate laboratory equipment supply and acceptance signed and stamped by the purchaser for those contracts.

In case of JV:

i. Each member of the JV shall submit copies of State Registration Certificate and Charter.

ii. Each member of the JV should have been in the business of laboratory equipment supply at least from January 1, 2015. In this regard the Bidder is required to submit a statement

representing the list of contracts performed by the Bidder started from January 1, 2015 and completed before the bid submission deadline, specifying the contractor, contract price, duration and type of laboratory equipment.

iii. The JV should have successfully implemented at least 2 contracts of laboratory equipment supply: started from January 1, 2015 and completed before the bid submission deadline for each submitted lot with at least the same total amount of each contract no less than the amount submitted for the current lot. The Bidder should provide copies of contracts, invoices and final acceptance acts (with supplied items, quantities and amount per item) ensuring the appropriate laboratory equipment supply and acceptance signed and stamped by the purchaser for those contracts.

The Bidder to be awarded a contract for more than one lot must meet the following minimum specific experience requirements:

For two lots - 2 contracts each at least with the total amount of the Bids for the two Lots or 1 contract with the total amount of the Bids for the two Lots.

For three lots – 2 or 3 contracts each at least with the total amount of the Bids or 1 contract with the total amount of the Bids for the three Lots.

(iii) Documentary Evidence

The Bidder shall furnish documentary evidence to demonstrate that the Goods it offers meet the following usage requirement:

Technical and performance characteristics and detailed description of the Goods offered meet technical specification requirements of the Section VII Schedule of Requirements.

Bidders may bid for one or several lots, as further defined in the bidding document. Bidders wishing to offer discounts in case they are awarded more than one contract will be allowed to do so, provided those discounts are included in the Letter of Bid.

3. Bidding will be conducted through the International Competitive Bidding procedures as specified in the World Bank's *Guidelines: Procurement of Goods, Works and Non-Consulting Services under IBRD Loans and IDA Credits & Grants by World Bank Borrowers January 2011* ("Procurement Guidelines"), and is open to all eligible bidders as defined in the Procurement Guidelines. In addition, please refer to paragraphs 1.6 and 1.7 setting forth the World Bank's policy on conflict of interest.

4. Interested eligible bidders may obtain further information from *YSU Institute of Pharmacy project coordinator Anna Mkrtchyan* (anna.mkrtchyan@ysu.am or annamkrtchyan86@gmail.com) and inspect the bidding documents during office hours from 09.00 a.m. to 17:00 p.m. except Saturdays and Sundays, as well as National Holidays at the address given below.

5. A complete set of bidding documents (**only in electronic format**) in **English** may be obtained by interested eligible bidders free of charge upon submission of a written

application to the anna_mkrtchyan@ysu.am, gnumner.eph@mail.ru, annamkrtchyan86@gmail.com e-mail address (the bidding documents will be delivered to the interested bidders via file transfer system).

6. Bids must be delivered to the address below on *at 13:00 (Local Time) on March 24, 2020* Electronic bidding **will not** be permitted. Late bids will be rejected. Bids will be publicly opened in the presence of the bidders' designated representatives and anyone who choose to attend at the address below at *13:00 p.m. (Local Time) on March 24, 2020*.

7. All bids must be accompanied by a *Bid Security* of not less than the below listed amounts or an equivalent amount in a freely convertible currency for each lot:

Lot 1: US\$ 3300

Lot 2: US\$ 3000

Lot 3: US\$ 1800

A bidder who chooses to submit bid for more than one lot should submit separate bid security for each lot.

8. The address(es) referred to above is(are):

Alex Manoogian 1(central building), 2nd floor, 210 room

Attn: Project Coordinator, Anna Mkrtchyan

Alex Manoogian 1, 0025, Yerevan, Republic of Armenia

Tel: 37498091135, 37460710427

Fax: 37460710410

E-mail: anna_mkrtchyan@ysu.am , annamkrtchyan86@gmail.com, gnumner.eph@mail.ru

Web site: www.ysu.am

Bidding Document

for

**Procurement of Laboratory Analytical
Equipment for Institute of Pharmacy
of the Yerevan State University**

ICB No: YSUICB -1/2020

Project: Education Improvement Project

Purchaser: “Yerevan State University” Foundation

Country: Republic of Armenia

Issued on: _____

Table of Contents

PART 1 – Bidding Procedures	1
Section I. Instructions to Bidders.....	3
Section II. Bid Data Sheet (BDS).....	29
Section III. Evaluation and Qualification Criteria.....	35
Section IV. Bidding Forms.....	39
Section V. Eligible Countries.....	63
Section VI. Bank Policy - Corrupt and Fraudulent Practices.....	65
PART 2 – Supply Requirements	69
Section VII. Schedule of Requirements.....	70
PART 3 - Contract	111
Section VIII. General Conditions of Contract.....	113
Section IX. Special Conditions of Contract.....	137
Section X. Contract Forms.....	143

PART 1 – Bidding Procedures

Section I. Instructions to Bidders

Table of Clauses

A. General.....	5
1. Scope of Bid.....	5
2. Source of Funds	5
3. Corrupt and Fraudulent Practices.....	5
4. Eligible Bidders	6
5. Eligible Goods and Related Services	8
B. Contents of Bidding Document	9
6. Sections of Bidding Document	9
7. Clarification of Bidding Documents, Site Visit, Pre-Bid Meeting	10
8. Amendment of Bidding Document	10
C. Preparation of Bids	10
9. Cost of Bidding	10
10. Language of Bid.....	10
11. Documents Comprising the Bid.....	10
12. Letter of Bid and Price Schedules.....	11
13. Alternative Bids	11
14. Bid Prices and Discounts	12
15. Currencies of Bid and Payment	14
16. Documents Establishing the Eligibility and Conformity of the Goods and Related Services	14
17. Documents Establishing the Eligibility and Qualifications of the Bidder.....	15
18. Period of Validity of Bids	15
19. Bid Security	16
20. Format and Signing of Bid.....	18
D. Submission and Opening of Bids	18
21. Sealing and Marking of Bids	18
22. Deadline for Submission of Bids	19
23. Late Bids	19
24. Withdrawal, Substitution, and Modification of Bids	19
25. Bid Opening	20
E. Evaluation and Comparison of Bids.....	21
26. Confidentiality	21
27. Clarification of Bids.....	21

28. Deviations, Reservations, and Omissions	22
29. Determination of Responsiveness	22
30. Nonconformities, Errors and Omissions	22
31. Correction of Arithmetical Errors	23
32. Conversion to Single Currency	23
33. Margin of Preference	23
34. Evaluation of Bids.....	23
35. Comparison of Bids	25
36. Qualification of the Bidder	25
37. Purchaser’s Right to Accept Any Bid, and to Reject Any or All Bids	25
F. Award of Contract.....	25
38. Award Criteria	25
39. Purchaser’s Right to Vary Quantities at Time of Award	26
40. Notification of Award	26
41. Signing of Contract	26
42. Performance Security.....	27

Section I. Instructions to Bidders

A. General

1. **Scope of Bid**
 - 1.1 In connection with the Invitation for Bids, **specified in the Bid Data Sheet (BDS)**, the Purchaser, **as specified in the BDS**, issues these Bidding Documents for the supply of Goods and Related Services incidental thereto as specified in Section VII, Schedule of Requirements. The name, identification and number of lots (contracts) of this International Competitive Bidding (ICB) procurement are **specified in the BDS**.
 - 1.2 Throughout these Bidding Documents:
 - (a) the term “in writing” means communicated in written form (e.g. by mail, e-mail, fax, telex) with proof of receipt;
 - (b) if the context so requires, “singular” means “plural” and vice versa; and
 - (c) “day” means calendar day.
2. **Source of Funds**
 - 2.1 The Borrower or Recipient (hereinafter called “Borrower”) **specified in the BDS** has applied for or received financing (hereinafter called “funds”) from the International Bank for Reconstruction and Development or the International Development Association (hereinafter called “the Bank”) in an amount **specified in BDS**, toward the project named **in BDS**. The Borrower intends to apply a portion of the funds to eligible payments under the contract for which these Bidding Documents are issued.
 - 2.2 Payment by the Bank will be made only at the request of the Borrower and upon approval by the Bank in accordance with the terms and conditions of the Loan (or other financing) Agreement. The Loan (or other financing) Agreement prohibits a withdrawal from the Loan (or other financing) account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import, to the knowledge of the Bank, is prohibited by decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations. No party other than the Borrower shall derive any rights from the Loan (or other financing) Agreement or have any claim to the proceeds of the Loan (or other financing).
3. **Corrupt and Fraudulent Practices**
 - 3.1 The Bank requires compliance with its policy in regard to corrupt and fraudulent practices as set forth in Section VI.

- 3.2 In further pursuance of this policy, Bidders shall permit and shall cause its agents (where declared or not), sub-contractors, sub-consultants, service providers or suppliers and to permit the Bank to inspect all accounts, records and other documents relating to the submission of the application, bid submission (in case prequalified), and contract performance (in the case of award), and to have them audited by auditors appointed by the Bank.

4. Eligible Bidders

- 4.1 A Bidder may be a firm that is a private entity, a government-owned entity—subject to ITB 4.5—or any combination of such entities in the form of a joint venture (JV) under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent. In the case of a joint venture, all members shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms. The JV shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the bidding process and, in the event the JV is awarded the Contract, during contract execution. **Unless specified in the BDS,** there is no limit on the number of members in a JV.
- 4.2 A Bidder shall not have a conflict of interest. Any Bidder found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest for the purpose of this bidding process, if the Bidder:
- (a) directly or indirectly controls, is controlled by or is under common control with another Bidder; or
 - (b) receives or has received any direct or indirect subsidy from another Bidder; or
 - (c) has the same legal representative as another Bidder; or
 - (d) has a relationship with another Bidder, directly or through common third parties, that puts it in a position to influence the bid of another Bidder, or influence the decisions of the Purchaser regarding this bidding process; or
 - (e) participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which such Bidder is involved. However, this does not limit the inclusion of the same subcontractor in more than one bid; or
 - (f) any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the

- works that are the subject of the bid; or
- (g) any of its affiliates has been hired (or is proposed to be hired) by the Purchaser or Borrower for the Contract implementation; or
 - (h) would be providing goods, works, or non-consulting services resulting from or directly related to consulting services for the preparation or implementation of the project specified in the BDS ITB 2.1 that it provided or were provided by any affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm; or
 - (i) has a close business or family relationship with a professional staff of the Borrower (or of the project implementing agency, or of a recipient of a part of the loan) who: (i) are directly or indirectly involved in the preparation of the bidding documents or specifications of the contract, and/or the bid evaluation process of such contract; or (ii) would be involved in the implementation or supervision of such contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Bank throughout the procurement process and execution of the contract
- 4.3 A Bidder may have the nationality of any country, subject to the restrictions pursuant to ITB 4.7. A Bidder shall be deemed to have the nationality of a country if the Bidder is constituted, incorporated or registered in and operates in conformity with the provisions of the laws of that country, as evidenced by its articles of incorporation (or equivalent documents of constitution or association) and its registration documents, as the case may be. This criterion also shall apply to the determination of the nationality of proposed sub-contractors or sub-consultants for any part of the Contract including related Services.
- 4.4 A Bidder that has been sanctioned by the Bank in accordance with the above ITB 3.1, including in accordance with the Bank's Guidelines on Preventing and Combating Corruption in Projects Financed by IBRD Loans and IDA Credits and Grants ("Anti-Corruption Guidelines"), shall be ineligible to be prequalified for, bid for, or be awarded a Bank-financed contract or benefit from a Bank-financed contract, financially or otherwise, during such period of time as the Bank shall have determined. The list of debarred firms and individuals is available at the electronic address **specified in the BDS.**

- 4.5 Bidders that are Government-owned enterprises or institutions in the Purchaser's Country may participate only if they can establish that they (i) are legally and financially autonomous (ii) operate under commercial law, and (iii) are not dependent agencies of the Purchaser. To be eligible, a government-owned enterprise or institution shall establish to the Bank's satisfaction, through all relevant documents, including its Charter and other information the Bank may request, that it: (i) is a legal entity separate from the government (ii) does not currently receive substantial subsidies or budget support; (iii) operates like any commercial enterprise, and, inter alia, is not obliged to pass on its surplus to the government, can acquire rights and liabilities, borrow funds and be liable for repayment of its debts, and can be declared bankrupt; and (iv) is not bidding for a contract to be awarded by the department or agency of the government which under their applicable laws or regulations is the reporting or supervisory authority of the enterprise or has the ability to exercise influence or control over the enterprise or institution.
- 4.6 A Bidder shall not be under suspension from bidding by the Purchaser as the result of the operation of a Bid-Securing Declaration.
- 4.7 Firms and individuals may be ineligible if so indicated in Section V and (a) as a matter of law or official regulations, the Borrower's country prohibits commercial relations with that country, provided that the Bank is satisfied that such exclusion does not preclude effective competition for the supply of goods or the contracting of works or services required; or (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower's country prohibits any import of goods or contracting of works or services from that country, or any payments to any country, person, or entity in that country.
- 4.8 A Bidder shall provide such evidence of eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

5. Eligible Goods and Related Services

- 5.1 All the Goods and Related Services to be supplied under the Contract and financed by the Bank may have their origin in any country in accordance with Section V, Eligible Countries.
- 5.2 For purposes of this Clause, the term "goods" includes commodities, raw material, machinery, equipment, and industrial plants; and "related services" includes services such as insurance, installation, training, and initial maintenance.
- 5.3 The term "origin" means the country where the goods have been

mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. Contents of Bidding Document

6. Sections of Bidding Document

6.1 The Bidding Documents consist of Parts 1, 2, and 3, which include all the Sections indicated below, and should be read in conjunction with any Addenda issued in accordance with ITB 8.

PART 1 Bidding Procedures

- Section I. Instructions to Bidders (ITB)
- Section II. Bidding Data Sheet (BDS)
- Section III. Evaluation and Qualification Criteria
- Section IV. Bidding Forms
- Section V. Eligible Countries
- Section VI. Bank Policy-Corrupt and Fraudulent Practices

PART 2 Supply Requirements

- Section VII. Schedule of Requirements

PART 3 Contract

- Section VIII. General Conditions of Contract (GCC)
- Section IX. Special Conditions of Contract (SCC)
- Section X. Contract Forms

6.2 The Invitation for Bids issued by the Purchaser is not part of the Bidding Document.

6.3 Unless obtained directly from the Purchaser, the Purchaser is not responsible for the completeness of the document, responses to requests for clarification, the Minutes of the pre-Bid meeting (if any), or Addenda to the Bidding Document in accordance with ITB 8. In case of any contradiction, documents obtained directly from the Purchaser shall prevail.

6.4 The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents and to furnish with its Bid all information or documentation as is required by the Bidding Documents.

- 7. Clarification of Bidding Documents**
- 7.1 A Bidder requiring any clarification of the Bidding Document shall contact the Purchaser in writing at the Purchaser's address **specified in the BDS**. The Purchaser will respond in writing to any request for clarification, provided that such request is received prior to the deadline for submission of bids within a period **specified in the BDS**. The Purchaser shall forward copies of its response to all Bidders who have acquired the Bidding Documents in accordance with ITB 6.3, including a description of the inquiry but without identifying its source. If so **specified in the BDS**, the Purchaser shall also promptly publish its response at the web page **identified in the BDS**. Should the clarification result in changes to the essential elements of the Bidding Documents, the Purchaser shall amend the Bidding Documents following the procedure under ITB 8 and ITB 22.2.
- 8. Amendment of Bidding Document**
- 8.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addenda.
- 8.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Documents from the Purchaser in accordance with ITB 6.3. The Purchaser shall also promptly publish the addendum on the Purchaser's web page in accordance with ITB 7.1.
- 8.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at its discretion, extend the deadline for the submission of bids, pursuant to ITB 22.2.
- C. Preparation of Bids**
- 9. Cost of Bidding**
- 9.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Purchaser shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
- 10. Language of Bid**
- 10.1 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the language **specified in the BDS**. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language **specified in the BDS**, in which case, for purposes of interpretation of the Bid, such translation shall govern.
- 11. Documents Comprising the**
- 11.1 The Bid shall comprise the following:

- Bid**
- (a) Letter of Bid in accordance with ITB 12;
 - (b) completed schedules, in accordance with ITB 12 and 14
 - (c) Bid Security or Bid-Securing Declaration, in accordance with ITB 19.1;
 - (d) alternative bids, if permissible, in accordance with ITB 13;
 - (e) written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB 20.2;
 - (f) documentary evidence in accordance with ITB 17 establishing the Bidder's qualifications to perform the contract if its bid is accepted;
 - (g) documentary evidence in accordance with ITB 17 establishing the Bidder's eligibility to bid;
 - (h) documentary evidence in accordance with ITB 16, that the Goods and Related Services to be supplied by the Bidder are of eligible origin;
 - (i) documentary evidence in accordance with ITB 16 and 30, that the Goods and Related Services conform to the Bidding Documents;
 - (j) any other document **required in the BDS**.
- 11.2 In addition to the requirements under ITB 11.1, bids submitted by a JV shall include a copy of the Joint Venture Agreement entered into by all members. Alternatively, a letter of intent to execute a Joint Venture Agreement in the event of a successful bid shall be signed by all members and submitted with the bid, together with a copy of the proposed Agreement.
- 11.3 The Bidder shall furnish in the Letter of Bid information on commissions and gratuities, if any, paid or to be paid to agents or any other party relating to this Bid.
- 12. Letter of Bid and Price Schedules**
- 12.1. The Letter of Bid and Price Schedules shall be prepared using the relevant forms furnished in Section IV, Bidding Forms. The forms must be completed without any alterations to the text, and no substitutes shall be accepted except as provided under ITB 20.2. All blank spaces shall be filled in with the information requested.
- 13. Alternative Bids**
- 13.1. Unless otherwise **specified in the BDS**, alternative bids shall not be considered.

14. Bid Prices and Discounts

- 14.1 The prices and discounts quoted by the Bidder in the Letter of Bid and in the Price Schedules shall conform to the requirements specified below.
- 14.2 All lots (contracts) and items must be listed and priced separately in the Price Schedules.
- 14.3 The price to be quoted in the Letter of Bid in accordance with ITB 12.1 shall be the total price of the bid, excluding any discounts offered.
- 14.4 The Bidder shall quote any discounts and indicate the methodology for their application in the Letter of Bid, in accordance with ITB 12.1.
- 14.5 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, **unless otherwise specified in the BDSA** bid submitted with an adjustable price quotation shall be treated as nonresponsive and shall be rejected, pursuant to ITB 29. However, if in accordance with the BDS, prices quoted by the Bidder shall be subject to adjustment during the performance of the Contract, a bid submitted with a fixed price quotation shall not be rejected, but the price adjustment shall be treated as zero.
- 14.6 If so specified in ITB 1.1, bids are being invited for individual lots (contracts) or for any combination of lots (packages). Unless otherwise **specified in the BDS**, prices quoted shall correspond to 100 % of the items specified for each lot and to 100% of the quantities specified for each item of a lot. Bidders wishing to offer discounts for the award of more than one Contract shall specify in their bid the price reductions applicable to each package, or alternatively, to individual Contracts within the package. Discounts shall be submitted in accordance with ITB 14.4 provided the bids for all lots (contracts) are opened at the same time.
- 14.7 The terms EXW, CIP, and other similar terms shall be governed by the rules prescribed in the current edition of Incoterms, published by The International Chamber of Commerce, **as specified in the BDS**.
- 14.8 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The dis-aggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country,

in accordance with Section V, Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V, Eligible Countries. Prices shall be entered in the following manner:

- (a) For Goods manufactured in the Purchaser's Country:
 - (i) the price of the Goods quoted EXW (ex-works, ex-factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all customs duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;
 - (ii) any Purchaser's Country sales tax and other taxes which will be payable on the Goods if the contract is awarded to the Bidder; and
 - (iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination (Project Site) **specified in the BDS.**
- (b) For Goods manufactured outside the Purchaser's Country, to be imported:
 - (i) the price of the Goods, quoted CIP named place of destination, in the Purchaser's Country, as **specified in the BDS;**
 - (ii) the price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination (Project Site) **specified in the BDS;**
- (c) For Goods manufactured outside the Purchaser's Country, already imported:
 - (i) the price of the Goods, including the original import value of the Goods; plus any mark-up (or rebate); plus any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported.
 - (ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;
 - (iii) the price of the Goods, obtained as the difference

between (i) and (ii) above;

(iv) any Purchaser's Country sales and other taxes which will be payable on the Goods if the contract is awarded to the Bidder; and

(v) the price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination (Project Site) **specified in the BDS.**

(d) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements:

(i) the price of each item comprising the Related Services (inclusive of any applicable taxes).

15. Currencies of Bid and Payment

15.1 The currency(ies) of the bid and the currency(ies) of payments shall be **as specified in the BDS.** The Bidder shall quote in the currency of the Purchaser's Country the portion of the bid price that corresponds to expenditures incurred in the currency of the Purchaser's country, unless otherwise **specified in the BDS.**

15.2 The Bidder may express the bid price in any currency. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but shall use no more than three foreign currencies in addition to the currency of the Purchaser's Country.

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

16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.

16.2 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section VII, Schedule of Requirements.

16.3 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Section VII,

Schedule of Requirements.

- 16.4 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period **specified in the BDS** following commencement of the use of the goods by the Purchaser.
- 16.5 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Section VII, Schedule of Requirements.

17. Documents Establishing the Eligibility and Qualifications of the Bidder

- 17.1 To establish Bidder's their eligibility in accordance with ITB 4, Bidders shall complete the Letter of Bid, included in Section IV, Bidding Forms.
- 17.2 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction:
- (a) that, if **required in the BDS**, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country;
 - (b) that, if **required in the BDS**, in case of a Bidder not doing business within the Purchaser's Country, the Bidder is or will be (if awarded the contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications; and
 - (c) that the Bidder meets each of the qualification criterion specified in Section III, Evaluation and Qualification Criteria.

18. Period of Validity of Bids

- 18.1. Bids shall remain valid for the period **specified in the BDS** after the bid submission deadline date prescribed by the Purchaser in accordance with ITB22.1. A bid valid for a shorter period shall

be rejected by the Purchaser as nonresponsive.

- 18.2. In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security is requested in accordance with ITB Clause 19, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid, except as provided in ITB 18.3.
- 18.3. If the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be determined as follows:
- (a) In the case of fixed price contracts, the Contract price shall be the bid price adjusted by the factor **specified in the BDS**.
 - (b) In the case of adjustable price contracts, no adjustment shall be made.
 - (c) In any case, bid evaluation shall be based on the bid price without taking into consideration the applicable correction from those indicated above.

19. Bid Security

- 19.1. The Bidder shall furnish as part of its bid, either a Bid-Securing Declaration or a bid security, as **specified in the BDS**, in original form and, in the case of a bid security. In the amount and currency **specified in the BDS**.
- 19.2. A Bid Securing Declaration shall use the form included in Section IV, Bidding Forms.
- 19.3. If a bid security is specified pursuant to ITB 19.1, the bid security shall be a demand guarantee in any of the following forms at the Bidder's option :
- (a) an unconditional guarantee issued by a bank or financial institution (such as an insurance, bonding or surety company);
 - (b) an irrevocable letter of credit;
 - (c) a cashier's or certified check; or
 - (d) another security **specified in the BDS**,
- from a reputable source from an eligible country. If the

unconditional guarantee is issued by a financial institution located outside the Purchaser's Country, the issuing financial institution shall have a correspondent financial institution located in the Purchaser's Country to make it enforceable. In the case of a bank guarantee, the bid security shall be submitted either using the Bid Security Form included in Section IV, Bidding Forms, or in another substantially similar format approved by the Purchaser prior to bid submission. The bid security shall be valid for twenty-eight (28) days beyond the original validity period of the bid, or beyond any period of extension if requested under ITB 18.2.

- 19.4. If a Bid Security is specified pursuant to ITB 19.1, any bid not accompanied by a substantially responsive Bid Security shall be rejected by the Purchaser as non-responsive.
- 19.5. If a Bid Security is specified pursuant to ITB 19.1, the Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's signing the contract and furnishing the Performance Security pursuant to ITB 42.
- 19.6. The Bid Security of the successful Bidder shall be returned as promptly as possible once the successful Bidder has signed the contract and furnished the required performance security.
- 19.7. The Bid Security may be forfeited or the Bid Securing Declaration executed:
 - (a) if a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Letter of Bid, or any extension thereto provided by the Bidder ; or
 - (b) if the successful Bidder fails to:
 - (i) sign the Contract in accordance with ITB41; or
 - (ii) furnish a performance security in accordance with ITB 42.
- 19.8. The bid security or Bid- Securing Declaration of a JV must be in the name of the JV that submits the bid. If the JV has not been legally constituted into a legally enforceable JV at the time of bidding, the bid security or Bid-Securing Declaration shall be in the names of all future members as named in the letter of intent referred to in ITB 4.1 and ITB 11.2.
- 19.9. If a bid security is **not required in the BDS**, pursuant to ITB 19.1, and
 - (a) if a Bidder withdraws its bid during the period of bid

validity specified by the Bidder on the Letter of Bid, or

- (b) if the successful Bidder fails to: sign the Contract in accordance with ITB41; or furnish a performance security in accordance with ITB 42;

the Borrower may, **if provided for in the BDS**, declare the Bidder ineligible to be awarded a contract by the Purchaser for a period of time **as stated in the BDS**.

20. Format and Signing of Bid

- 20.1 The Bidder shall prepare one original of the documents comprising the bid as described in ITB 11 and clearly mark it "ORIGINAL." Alternative bids, if permitted in accordance with ITB 13, shall be clearly marked "ALTERNATIVE." In addition, the Bidder shall submit copies of the bid, in the number **specified in the BDS** and clearly mark them "COPY." In the event of any discrepancy between the original and the copies, the original shall prevail.
- 20.2 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation **as specified in the BDS** and shall be attached to the bid. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the bid where entries or amendments have been made shall be signed or initialed by the person signing the bid.
- 20.3 In case the Bidder is a JV, the Bid shall be signed by an authorized representative of the JV on behalf of the JV, and so as to be legally binding on all the members as evidenced by a power of attorney signed by their legally authorized representatives.
- 20.4 Any inter-lineation, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the bid.

D. Submission and Opening of Bids

21. Sealing and Marking of Bids

- 21.1. The Bidder shall enclose the original and all copies of the bid, including alternative bids, if permitted in accordance with ITB 13, in separate sealed envelopes, duly marking the envelopes as "ORIGINAL", "ALTERNATIVE" and "COPY." These envelopes containing the original and the copies shall then be enclosed in one single envelope.
- 21.2. The inner and outer envelopes shall:
 - (a) bear the name and address of the Bidder;
 - (b) be addressed to the Purchaser in accordance with ITB 24.1;

- (c) bear the specific identification of this bidding process indicated in ITB1.1; and
 - (d) bear a warning not to open before the time and date for bid opening.
- 21.3. If all envelopes are not sealed and marked as required, the Purchaser will assume no responsibility for the misplacement or premature opening of the bid.
- 22. Deadline for Submission of Bids**
- 22.1. Bids must be received by the Purchaser at the address and no later than the date and time **specified in the BDS**. When **sospecified in the BDS**, bidders shall have the option of submitting their bids electronically. Bidders submitting bids electronically shall follow the electronic bid submission procedures **specified in the BDS**.
- 22.2. The Purchaser may, at its discretion, extend the deadline for the submission of bids by amending the Bidding Documents in accordance with ITB 8, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.
- 23. Late Bids**
- 23.1. The Purchaser shall not consider any bid that arrives after the deadline for submission of bids, in accordance with ITB 22. Any bid received by the Purchaser after the deadline for submission of bids shall be declared late, rejected, and returned unopened to the Bidder.
- 24. Withdrawal, Substitution, and Modification of Bids**
- 24.1. A Bidder may withdraw, substitute, or modify its Bid after it has been submitted by sending a written notice, duly signed by an authorized representative, and shall include a copy of the authorization (the power of attorney) in accordance with ITB 20.2, (except that withdrawal notices do not require copies). The corresponding substitution or modification of the bid must accompany the respective written notice. All notices must be:
- (a) prepared and submitted in accordance with ITB 20 and 21 (except that withdrawal notices do not require copies), and in addition, the respective envelopes shall be clearly marked “WITHDRAWAL,” “SUBSTITUTION,” or “MODIFICATION;” and
 - (b) received by the Purchaser prior to the deadline prescribed for submission of bids, in accordance with ITB 22.
- 24.2. Bids requested to be withdrawn in accordance with ITB 24.1 shall be returned unopened to the Bidders.

24.3. No bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Letter of Bid or any extension thereof.

25. Bid Opening

25.1. Except as in the cases specified in ITB 23 and 24, the Purchaser shall publicly open and read out in accordance with ITB25.3 all bids received by the deadline at the date, time and place **specified in the BDS** in the presence of Bidders' designated representatives and anyone who choose to attend. Any specific electronic bid opening procedures required if electronic bidding is permitted in accordance with ITB 22.1, shall be as **specified in the BDS**.

25.2. First, envelopes marked "WITHDRAWAL" shall be opened and read out and the envelope with the corresponding bid shall not be opened, but returned to the Bidder. If the withdrawal envelope does not contain a copy of the "power of attorney" confirming the signature as a person duly authorized to sign on behalf of the Bidder, the corresponding bid will be opened. No bid withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at bid opening. Next, envelopes marked "SUBSTITUTION" shall be opened and read out and exchanged with the corresponding Bid being substituted, and the substituted Bid shall not be opened, but returned to the Bidder. No Bid substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out at bid opening. Envelopes marked "MODIFICATION" shall be opened and read out with the corresponding Bid. No Bid modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at Bid opening. Only bids that are opened and read out at Bid opening shall be considered further.

25.3. All other envelopes shall be opened one at a time, reading out: the name of the Bidder and whether there is a modification; the total Bid Prices, per lot (contract) if applicable, including any discounts and alternative bids; the presence or absence of a Bid Security, if required; and any other details as the Purchaser may consider appropriate. Only discounts and alternative bids read out at Bid opening shall be considered for evaluation. The Letter of Bid and the Price Schedules are to be initialed by representatives of the Purchaser attending bid opening in the manner **specified in the BDS**. The Purchaser shall neither discuss the merits of any bid nor reject any bid (except for late

bids, in accordance with ITB 25.1).

- 25.4. The Purchaser shall prepare a record of the bid opening that shall include, as a minimum: the name of the Bidder and whether there is a withdrawal, substitution, or modification; the Bid Price, per lot (contract) if applicable, including any discounts, and alternative bids; and the presence or absence of a Bid Security, if one was required. The Bidders' representatives who are present shall be requested to sign the record. The omission of a Bidder's signature on the record shall not invalidate the contents and effect of the record. A copy of the record shall be distributed to all Bidders.

E. Evaluation and Comparison of Bids

- 26. Confidentiality**
- 26.1 Information relating to the evaluation of bids and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with the bidding process until information on Contract Award is communication to all Bidders in accordance with ITB 40.
- 26.2 Any effort by a Bidder to influence the Purchaser in the evaluation or contract award decisions may result in the rejection of its Bid.
- 26.3 Notwithstanding ITB 26.2, from the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.
- 27. Clarification of Bids**
- 27.1 To assist in the examination, evaluation, comparison of the bids, and qualification of the Bidders, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change, including any voluntary increase or decrease, in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids, in accordance with ITB 31.
- 27.2 If a Bidder does not provide clarifications of its bid by the date and time set in the Purchaser's request for clarification, its bid may be rejected.

- 28. Deviations, Reservations, and Omissions**
- 28.1 During the evaluation of bids, the following definitions apply:
- (a) “Deviation” is a departure from the requirements specified in the Bidding Documents;
 - (b) “Reservation” is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Bidding Documents; and
 - (c) “Omission” is the failure to submit part or all of the information or documentation required in the Bidding Documents
- 29. Determination of Responsiveness**
- 29.1 The Purchaser’s determination of a bid’s responsiveness is to be based on the contents of the bid itself, as defined in ITB 11.
- 29.2 A substantially responsive Bid is one that meets the requirements of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:
- a) if accepted, would
 - (i) affect in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or
 - (ii) limit in any substantial way, inconsistent with the Bidding Documents, the Purchaser’s rights or the Bidder’s obligations under the Contract; or
 - b) if rectified, would unfairly affect the competitive position of other bidders presenting substantially responsive bids.
- 29.3 The Purchaser shall examine the technical aspects of the bid submitted in accordance with ITB 16 and ITB 17, in particular, to confirm that all requirements of Section VII, Schedule of Requirements have been met without any material deviation or reservation, or omission.
- 29.4 If a bid is not substantially responsive to the requirements of Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by correction of the material deviation, reservation, or omission.
- 30. Nonconformities, Errors and Omissions**
- 30.1 Provided that a Bid is substantially responsive, the Purchaser may waive any nonconformities in the Bid.
- 30.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or

documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

30.3 Provided that a bid is substantially responsive, the Purchaser shall rectify quantifiable nonmaterial nonconformities related to the Bid Price. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component.

**31. Correction of
Arithmetical
Errors**

31.1 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:

- (a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;
- (b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- (c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

31.2 Bidders shall be requested to accept correction of arithmetical errors. Failure to accept the correction in accordance with ITB 31.1, shall result in the rejection of the Bid.

**32. Conversion to
Single Currency**

32.1 For evaluation and comparison purposes, the currency(ies) of the Bid shall be converted in a single currency as **specified in the BDS.**

**33. Margin of
Preference**

33.1 **Unless otherwise specified in the BDS,** a margin of preference shall not apply.

**34. Evaluation of
Bids**

34.1 The Purchaser shall use the criteria and methodologies listed in this Clause. No other evaluation criteria or methodologies shall be permitted.

34.2 To evaluate a Bid, the Purchaser shall consider the following:

- (a) evaluation will be done for Items or Lots (contracts), as **specified in the BDS**; and the Bid Price as quoted in accordance with clause 14;
 - (b) price adjustment for correction of arithmetic errors in accordance with ITB 31.1;
 - (c) price adjustment due to discounts offered in accordance with ITB 14.3;
 - (d) converting the amount resulting from applying (a) to (c) above, if relevant, to a single currency in accordance with ITB 32;
 - (e) price adjustment due to quantifiable nonmaterial nonconformities in accordance with ITB 30.3;
 - (f) the additional evaluation factors are specified in Section III, Evaluation and Qualification Criteria;
- 34.3 The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be taken into account in bid evaluation.
- 34.4 If these Bidding Documents allows Bidders to quote separate prices for different lots (contracts), the methodology to determine the lowest evaluated price of the lot (contract) combinations, including any discounts offered in the Letter of Bid Form, is specified in Section III, Evaluation and Qualification Criteria
- 34.5 The Purchaser's evaluation of a bid will exclude and not take into account:
- (a) in the case of Goods manufactured in the Purchaser's Country, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder;
 - (b) in the case of Goods manufactured outside the Purchaser's Country, already imported or to be imported, customs duties and other import taxes levied on the imported Good, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder;
 - (c) any allowance for price adjustment during the period of execution of the contract, if provided in the bid.
- 34.6 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB 14. These factors may be related to the characteristics, performance, and terms and conditions of

purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids, unless otherwise **specified in the BDS** from amongst those set out in Section III, Evaluation and Qualification Criteria. The criteria and methodologies to be used shall be as specified in ITB 34.2 (f).

- 35. Comparison of Bids** 35.1 The Purchaser shall compare the evaluated prices of all substantially responsive bids established in accordance with ITB 34.2 to determine the lowest evaluated bid. The comparison shall be on the basis of CIP (place of final destination) prices for imported goods and EXW prices, plus cost of inland transportation and insurance to place of destination, for goods manufactured within the Borrower's country, together with prices for any required installation, training, commissioning and other services. The evaluation of prices shall not take into account custom duties and other taxes levied on imported goods quoted CIP and sales and similar taxes levied in connection with the sale or delivery of goods.
- 36. Qualification of the Bidder** 36.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid meets the qualifying criteria specified in Section III, Evaluation and Qualification Criteria.
- 36.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB 17.
- 36.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's qualifications to perform satisfactorily.
- 37. Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids** 37.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders. In case of annulment, all bids submitted and specifically, bid securities, shall be promptly returned to the Bidders.

F. Award of Contract

- 38. Award Criteria** 38.1 Subject to ITB 37.1, the Purchaser shall award the Contract to the Bidder whose bid has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be

qualified to perform the Contract satisfactorily.

**39. Purchaser's
Right to Vary
Quantities at
Time of Award**

39.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in Section VII, Schedule of Requirements, provided this does not exceed the percentages **specified in the BDS**, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.

**40. Notification of
Award**

40.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. The notification letter (hereinafter and in the Conditions of Contract and Contract Forms called the "Letter of Acceptance") shall specify the sum that the Purchaser will pay the Supplier in consideration of the supply of Goods (hereinafter and in the Conditions of Contract and Contract Forms called "the Contract Price"). At the same time, the Purchaser shall also notify all other Bidders of the results of the bidding and shall publish in *UNDB online* the results identifying the bid and lot (contract) numbers and the following information:

- (i) name of each Bidder who submitted a Bid;
- (ii) bid prices as read out at Bid Opening;
- (iii) name and evaluated prices of each Bid that was evaluated;
- (iv) name of bidders whose bids were rejected and the reasons for their rejection; and
- (v) name of the successful Bidder, and the Price it offered, as well as the duration and summary scope of the contract awarded.

40.2 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract.

40.3 The Purchaser shall promptly respond in writing to any unsuccessful Bidder who, after notification of award in accordance with ITB 40.1, requests in writing the grounds on which its bid was not selected.

**41. Signing of
Contract**

41.1 Promptly after notification, the Purchaser shall send the successful Bidder the Contract Agreement.

41.2 Within twenty-eight (28) days of receipt of the Contract Agreement, the successful Bidder shall sign, date, and return it to the Purchaser.

41.3 Notwithstanding ITB 41.2 above, in case signing of the Contract Agreement is prevented by any export restrictions attributable to the Purchaser, to the country of the Purchaser, or to the use of the products/goods, systems or services to be supplied, where such export restrictions arise from trade regulations from a country supplying those products/goods, systems or services, the Bidder shall not be bound by its bid, always provided however, that the Bidder can demonstrate to the satisfaction of the Purchaser and of the Bank that signing of the Contract Agreement has not been prevented by any lack of diligence on the part of the Bidder in completing any formalities, including applying for permits, authorizations and licenses necessary for the export of the products/goods, systems or services under the terms of the Contract.

**42. Performance
Security**

42.1 Within twenty eight (28) days of the receipt of notification of award from the Purchaser, the successful Bidder, if required, shall furnish the Performance Security in accordance with the GCC, subject to ITB 34.5, using for that purpose the Performance Security Form included in Section X, Contract Forms, or another Form acceptable to the Purchaser. If the Performance Security furnished by the successful Bidder is in the form of a bond, it shall be issued by a bonding or insurance company that has been determined by the successful Bidder to be acceptable to the Purchaser. A foreign institution providing a bond shall have a correspondent financial institution located in the Purchaser's Country.

42.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose bid is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

Section II. Bid Data Sheet (BDS)

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

ITB Clause Reference	A. General
ITB 1.1	The reference number of the Invitation for Bids is: YSUICB -1/2020
ITB 1.1	The Purchaser is: “ Yerevan State University ” Foundation
ITB 1.1	<p>The name of the ICB is: Laboratory Analytical Equipment for Institute of Pharmacy of the Yerevan State University</p> <p>The identification number of the ICB is: YSUICB -1/2020</p> <p>The number and identification of lots (contracts) comprising this ICB is: The Bid will be performed under 3 (three) lots. (See Section VII. Schedule of Requirements).</p> <p>Lot 1: Laboratory Analytical Equipment 1.</p> <p>Lot 2: Laboratory Analytical Equipment 2.</p> <p>Lot 3: Laboratory Analytical Equipment 3.</p> <p>Bidders have the option to bid for one lot, two lots or all three lots. Bids will be evaluated on a per lot basis. Discounts, if any, offered for each lot will be considered in the evaluation of bids. Discounts for combined lots will be taken into account in evaluation of bids.</p>
ITB 2.1	The Borrower is: Republic of Armenia
ITB 2.1	Loan or Financing Agreement amount: USD 37.5 mln
ITB 2.1	The name of the Project is: Education Improvement Project
ITB 4.1	Maximum number of members in the JV shall be: 3 (three)
ITB 4.4	A list of debarred firms and individuals is available on the Bank’s external website: http://www.worldbank.org/debarr .
	B. Contents of Bidding Documents
ITB 7.1	<p>For Clarification of bid purposes only, the Purchaser’s address is:</p> <p>Attention: Ms. Anna Mkrtychyan</p> <p>Address: “Yerevan State University” Foundation; 1 Alex Manoogian</p>

	<p>St.</p> <p>Floor/ Room number: I-st floor, 210, central building</p> <p>City: Yerevan</p> <p>ZIP Code: 0025</p> <p>Country: Republic of Armenia</p> <p>Telephone: +374 60 700009</p> <p>Facsimile number: +37460700410</p> <p>Electronic mail address: gnumner.eph@mail.ru, anna_mkrtchyan@ysu.am, annamkrtchyan86@gmail.com</p> <p>Requests for clarification should be received by the Employer no later than: 14 (fourteen) days prior to the submission deadline.</p>
ITB 7.1	Web page: N/A
C. Preparation of Bids	
ITB 10.1	<p>The language of the bid is: English.</p> <p>All correspondence exchange shall be in English language.</p> <p>Language for translation of supporting documents and printed literature is <i>English, Armenian and/or Russian.</i> Absence of translation in Armenian and/or Russian will not be a reason for rejection of bids.</p>
ITB 11.1 (j)	The Bidder shall submit the following additional documents in its bid: N/A
ITB 13.1	Alternative Bids shall not be considered.
ITB 14.5	The prices quoted by the Bidder shall not be subject to adjustment during the performance of the Contract.
ITB 14.6	<p>Prices quoted for each lot shall correspond to 100 percent of the items specified for each lot.</p> <p>Prices quoted for each item of a lot shall correspond to 100 percent of the quantities specified for this item of a lot.</p>
ITB 14.7	The Incoterms edition is: Incoterms 2010.
ITB 14.8 (b) (i) and (c) (iii)	Place of Destination: The custom service border of the Republic of Armenia
ITB 14.8 (a)	“Final destination (Project Site)”: Yerevan, 0025, 1 Alex Manoogian,

(iii);(b)(ii) and (c)(v)	“Yerevan State University” Foundation, Institute of Pharmacy
ITB 15.1	<p>The prices shall be quoted by the bidder in: Any currency.</p> <p>The Bidder is not required to quote in the currency of the Purchaser’s Country the portion of the bid price that corresponds to expenditures incurred in that currency.</p> <p>The local bidders are reminded that the requirements of “The Law of the currency regulation and currency control”# 135-N, adopted by the National Assembly of RA on 24.11.2004, should be respected.</p>
ITB 16.4	Period of time the Goods are expected to be functioning (for the purpose of spare parts): (1) one year .
ITB 17.2 (a)	Manufacturer’s authorization is: required
ITB 17.2 (b)	After sales service is required .
ITB 18.1	The bid validity period shall be 120 (one hundred twenty) days.
ITB 18.3 (a)	The bid price shall be adjusted by the following factor(s): 0.01% per day .
ITB 19.1	<p>A Bid Security shall be required. /in the form of Bank Guarantee (issued by bank) included in Section IV Bidding Forms/.</p> <p>A Bid-Securing Declaration shall not be required.</p> <p>The amount of the Bid Security shall not be less than the below listed amounts or an equivalent amount in a freely convertible currency for each lot:</p> <p>Lot 1: US\$ 3300 Lot 2: US\$ 3000 Lot 3: US\$ 1800</p> <p>Since bids will be evaluated and awarded on a per lot basis, a bidder who chooses to submit bid for more than one lot should submit separate bid security for each lot.</p>
ITB 19.3 (d)	Other types of acceptable securities: None

ITB 19.9	N/A
ITB 20.1	In addition to the original of the bid, the number of copies is: 2(two)
ITB 20.2	The written confirmation of authorization to sign on behalf of the Bidder shall consist of: The form of a written power of attorney.
D. Submission and Opening of Bids	
ITB 22.1	<p>For bid submission purposes only, the Purchaser's address is:</p> <p>Attention: Ms. Anna Mkrtchyan</p> <p>Street Address: 1 Alex Manoogian St. "Yerevan State University" Foundation</p> <p>Floor/ Room number: 210, Central Building</p> <p>City: Yerevan</p> <p>ZIP/Postal Code: 0025</p> <p>Country: Republic of Armenia</p> <p>The deadline for bid submission is:</p> <p>Date: will be filled after CFEP No-objection (at least six weeks from publication of Invitation for Bids)</p> <p>Time: 13:00 (Local Time)</p> <p>Bidders shall not have the option of submitting their bids electronically.</p>
ITB 25.1	<p>The bid opening shall take place at:</p> <p>Street Address: Alex Manoogian 1</p> <p>Floor/ Room number: 210</p> <p>City: Yerevan</p> <p>Country: Republic of Armenia</p> <p>Date: will be filled after CFEP No-objection (the same date and time as deadline for the submission of bids)</p> <p>Time: 13:00 (Local Time)</p>
ITB 25.3	The Letter of Bid and Price Schedules shall be initialed by 3 (three) representatives of the Purchaser conducting Bid opening.
E. Evaluation and Comparison of Bids	
ITB 32.1	<p>The currency that shall be used for bid evaluation and comparison purposes to convert all bid prices expressed in various currencies into a single currency is: Armenian Drams /AMD/</p> <p>The source of exchange rate shall be: The Central Bank of Armenia (http://www.cba.am).</p> <p>The date for the exchange rate shall be: The date of the Bid opening.</p>
ITB 33.1	A margin of domestic preference shall not apply.

ITB 34.2(a)	<p>Evaluation will be done per Lot.</p> <p>Bids will be evaluated lot by lot or by combination of lots. If a Price Schedule shows items listed but not priced or not listed in a Price Schedule but specified in other sections of the Bid, their prices shall be assumed to be included in the prices of other items.</p> <p>Discounts, if any, offered for each lot will be considered in the evaluation of bids. Discounts for <u>combined lots</u> will be taken into account in evaluation of bids.</p>
ITB 34.6	<p>The adjustments shall be determined using the following criteria, from amongst those set out in Section III, Evaluation and Qualification Criteria:</p> <ul style="list-style-type: none"> (a) Deviation in Delivery schedule: No (b) Deviation in payment schedule: No (c) the cost of major replacement components, mandatory spare parts, and service: No (d) the availability in the Purchaser's Country of spare parts and after-sales services for the equipment offered in the bid: No (e) the projected operating and maintenance costs during the life of the equipment: No (f) the performance and productivity of the equipment offered; No

	F. Award of Contract
ITB 39.1	The maximum percentage by which quantities may be increased is: N/A The maximum percentage by which quantities may be decreased is: N/A

Section III. Evaluation and Qualification Criteria

Contents

1. Margin of Preference (ITB 33)	36
2. Evaluation(ITB 34)	36
3. Qualification(ITB 36)	36

1. Margin of Preference (ITB 33) - NOT APPLICABLE**2. Evaluation (ITB 34)****2.1. Evaluation Criteria (ITB 34.6) NOT APPLICABLE****2.2. Multiple Contracts (ITB 34.4)**

The Purchaser shall award multiple contracts to the Bidder that offers the lowest evaluated combination of bids (one contract per bid) and meets the post-qualification criteria (this Section III, Sub-Section ITB 36.1 Post-Qualification Requirements)

The Purchaser shall:

- (a) evaluate only lots or contracts that include at least the percentages of items per lot and quantity per item as specified in ITB 14.8
- (b) take into account:
 - (i) the lowest-evaluated bid for each lot and
 - (ii) the price reduction per lot and the methodology for its application as offered by the Bidder in its bid”
 - (iii) The Discount for the combination of Lots will be as follows: the discounted total evaluated price of the Bid submitted for the Lots will be compared with the total amount of the lowest evaluated Bids in the same Lots.

2.3. Alternative Bids (ITB 13.1) - NOT APPLICABLE**3. Qualification (ITB 36)****3.1 Postqualification Requirements (ITB 36.1)**

After determining the lowest-evaluated bid in accordance with ITB 35.1, the Purchaser shall carry out the postqualification of the Bidder in accordance with ITB 36, using only the requirements specified. Requirements not included in the text below shall not be used in the evaluation of the Bidder’s qualifications.

- (i) Financial Capability

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

The Bidder should demonstrate soundness of its financial position and ownership of financial resources necessary to handle the requirements of the proposed Contract. Specifically, it should prove through submission of Audit Reports inclusive Auditors’ Opinion(s) and attached Notes to the

financial statements for previous three years: 2016; 2017; 2018; ensuring that:

(i) Its average annual revenue for the previous three years (2016-2018) should be at least equal to the value of the bid. In order to qualify for more than one lot, bidders shall meet the aggregate requirement for relevant lots.

(ii) Its average Total Assets-to-Total Liabilities (net of equity) ratio for the previous three years (2016-2018) should be greater than 1

In case of JV:

i. Each member of the JV shall submit: Audit Reports inclusive Auditors' Opinion(s) and attached Notes to the financial statements for previous three years: 2016; 2017; 2018.

ii. JV shall meet the following requirements:

- Average annual revenue for the previous three years (2016-2018) should be at least equal to the value of the bid. In order to qualify for more than one lot, bidders shall meet the aggregate requirement for relevant lots.
- Its average Total Assets-to-Total Liabilities (net of equity) ratio for the previous three years (2016-2018) should be greater than 1

(ii) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

i. The Bidder should be a legally registered entity. In this regard the Bidder is required to submit copies of State Registration Certificate and Charter.

ii. The Bidder should have been in the business of laboratory equipment supply for a minimum period of 5 years (starting from January 1 2015). In this regard the Bidder is required to submit a statement representing the list of contracts performed by the Bidder started from January 1, 2015 and completed before the bid submission deadline, specifying the contractor, contract price, duration and type of laboratory equipment.

iii. The Bidder should have successfully implemented at least 2 contracts of laboratory equipment supply: started from January 1, 2015 and completed before the bid submission deadline for each submitted lot with at least the same total amount of each contract no less than the amount submitted for the current lot. The Bidder should provide copies of contracts, invoices and final acceptance acts (with supplied items, quantities and amount per item) ensuring the appropriate laboratory equipment supply and acceptance signed and stamped by the purchaser for those contracts.

In case of JV:

- i. Each member of the JV shall submit copies of State Registration Certificate and Charter.
- ii. Each member of the JV should have been in the business of laboratory equipment supply at least from January 1, 2015. In this regard the Bidder is required to submit a statement representing the list of contracts performed by the Bidder started from January 1, 2015 and completed before the bid submission deadline, specifying the contractor, contract price, duration and type of laboratory equipment.
- iii. The JV should have successfully implemented at least 2 contracts of laboratory equipment supply: started from January 1, 2015 and completed before the bid submission deadline for each submitted lot with at least the same total amount of each contract no less than the amount submitted for the current lot. The Bidder should provide copies of contracts, invoices and final acceptance acts (with supplied items, quantities and amount per item) ensuring the appropriate laboratory equipment supply and acceptance signed and stamped by the purchaser for those contracts.

The Bidder to be awarded more than one lot must have implemented at least two different contracts of laboratory equipment supply for each awarded lot with at least with the same total amount of each contract no less than the awarded amount: to be awarded 2 lots the Bidder shall have completed at least 4 different contracts with the above mentioned requirements or at least 2 contracts each with the total amount of the Lots; and to be awarded all 3 lots the Bidder shall have completed at least 6 different contracts with the above mentioned requirements or at least 2 contracts each with the total amount of the Lots.

(iii) Documentary Evidence

The Bidder shall furnish documentary evidence to demonstrate that the Goods it offers meet the following usage requirement:

Technical and performance characteristics and detailed description of the Goods offered meet technical specification requirements of the Section VII Schedule of Requirements.

Section IV. Bidding Forms

Table of Forms

Letter of Bid.....	40
Bidder Information Form.....	43
Bidder's JV Members Information Form	44
Price Schedule: Goods Manufactured Outside the Purchaser's Country, to be Imported	46
Price Schedule: Goods Manufactured Outside the Purchaser's Country, already imported*	47
Price Schedule: Goods Manufactured in the Purchaser's Country	49
Price and Completion Schedule - Related Services	50
Form of Bid Security	56
Form of Bid Security (Bid Bond)	58
Form of Bid-Securing Declaration.....	60
Manufacturer's Authorization.....	61

Letter of Bid

The Bidder must prepare the Letter of Bid on stationery with its letterhead clearly showing the Bidder's complete name and address.

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

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

ICB No.: **[insert number of bidding process]**

Invitation for Bid No.: **[insert identification]**

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

To: ***[insert complete name of Purchaser]***

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions to Bidders (ITB 8)___;
- (b) We meet the eligibility requirements and have no conflict of interest in accordance with ITB 4;
- (c) We havenot been suspended nor declared ineligible by the Purchaser based on execution of a Bid Securing Declaration in the Purchaser's country in accordance with ITB 4.6
- (d) We offer to supplyin conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods:**[insert a brief description of the Goods and Related Services];**
- (e) The total price of our Bid, excluding any discounts offered in item (f) below is:

In case of only one lot, total price of the Bid [insert the total price of the bid in words and figures, indicating the various amounts and the respective currencies];

In case of multiple lots, total price of each lot [insert the total price of each lot in words and figures, indicating the various amounts and the respective currencies];

In case of multiple lots, total price of all lots (sum of all lots) [insert the total price of all lots in words and figures, indicating the various amounts and the respective currencies];

- (f) The discounts offered and the methodology for their application are:

(i) The discounts offered are: [Specify in detail each discount offered.]

(ii) The exact method of calculations to determine the net price after application of discounts is shown below:[Specify in detail the method that shall be used to apply the discounts];

- (g) Our bid shall be valid for a period of [*specify the number of calendar days*] days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (h) If our bid is accepted, we commit to obtain a performance security in accordance with the Bidding Documents;
- (i) We are not participating, as a Bidder or as a subcontractor, in more than one bid in this bidding process in accordance with ITB 4.2(e), other than alternative bids submitted in accordance with ITB 13;
- (j) We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by a member of the World Bank Group or a debarment imposed by the World Bank Group in accordance with the Agreement for Mutual Enforcement of Debarment Decisions between the World Bank and other development banks. Further, we are not ineligible under the Employer’s country laws or official regulations or pursuant to a decision of the United Nations Security Council;
- (k) We are not a government owned entity/ We are a government owned entity but meet the requirements of ITB 4.5;¹
- (l) We have paid, or will pay the following commissions, gratuities, or fees with respect to the bidding process or execution of the Contract: [**insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity**]

Name of Recipient	Address	Reason	Amount

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

- (m) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed; and
- (n) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

¹*Bidder to use as appropriate*

- (o) We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in any type of fraud and corruption

Name of the Bidder* **[insert complete name of person signing the Bid]**

Name of the person duly authorized to sign the Bid on behalf of the Bidder** **[insert complete name of person duly authorized to sign the Bid]**

Title of the person signing the Bid **[insert complete title of the person signing the Bid]**

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

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

*: In the case of the Bid submitted by joint venture specify the name of the Joint Venture as Bidder

** : Person signing the Bid shall have the power of attorney given by the Bidder to be attached with the Bid Schedules.

Bidder Information Form

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

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

ICB No.: *[insert number of bidding process]*

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

Page _____ of _____ pages

1. Bidder's Name <i>[insert Bidder's legal name]</i>
2. In case of JV, legal name of each member : <i>[insert legal name of each member in JV]</i>
3. Bidder's actual or intended country of registration: <i>[insert actual or intended country of registration]</i>
4. Bidder's year of registration: <i>[insert Bidder's year of registration]</i>
5. Bidder's Address in country of registration: <i>[insert Bidder's legal address in country of registration]</i>
6. Bidder's Authorized Representative Information Name: <i>[insert Authorized Representative's name]</i> Address: <i>[insert Authorized Representative's Address]</i> Telephone/Fax numbers: <i>[insert Authorized Representative's telephone/fax numbers]</i> Email Address: <i>[insert Authorized Representative's email address]</i>
7. Attached are copies of original documents of <i>[check the box(es) of the attached original documents]</i> <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above, in accordance with ITB 4.3. <input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement, in accordance with ITB 4.1. <input type="checkbox"/> In case of Government-owned enterprise or institution, in accordance with ITB 4.5 documents establishing: <ul style="list-style-type: none"> • Legal and financial autonomy • Operation under commercial law • Establishing that the Bidder is not dependent agency of the Purchaser
2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

Bidder's JV Members Information Form

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

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

ICB No.: *[insert number of bidding process]*

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

Page _____ of _____ pages

1. Bidder's Name: <i>[insert Bidder's legal name]</i>
2. Bidder's JV Member's name: <i>[insert JV's Member legal name]</i>
3. Bidder's JV Member's country of registration: <i>[insert JV's Member country of registration]</i>
4. Bidder's JV Member's year of registration: <i>[insert JV's Member year of registration]</i>
5. Bidder's JV Member's legal address in country of registration: <i>[insert JV's Member legal address in country of registration]</i>
6. Bidder's JV Member's authorized representative information Name: <i>[insert name of JV's Member authorized representative]</i> Address: <i>[insert address of JV's Member authorized representative]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers of JV's Member authorized representative]</i> Email Address: <i>[insert email address of JV's Member authorized representative]</i>
7. Attached are copies of original documents of <i>[check the box(es) of the attached original documents]</i> <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, in accordance with ITB 4.3. <input type="checkbox"/> In case of a Government-owned enterprise or institution, documents establishing legal and financial autonomy, operation in accordance with commercial law, and absence of dependent status, in accordance with ITB 4.5.
2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

Price Schedule Forms

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

Price Schedule: Goods Manufactured Outside the Purchaser’s Country, to be Imported – **LOT** ____

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

Name of Bidder *[insert complete name of Bidder]* Signature of Bidder *[signature of person signing the Bid]* Date *[Insert Date]*

Price Schedule: Goods Manufactured Outside the Purchaser's Country, already imported_Lot_*

(Group C bids, Goods already imported)										Date: _____	
Currencies in accordance with ITB 15										ICB No: _____	
										Alternative No: _____	
										Page N° _____ of _____	
1	2	3	4	5	6	7	8	9	10	11	12
Line Item N°	Description of Goods	Country of Origin	Delivery Date as defined by Incoterms	Quantity and physical unit	Unit price including Custom Duties and Import Taxes paid, in accordance with ITB 14.8(c)(i)	Custom Duties and Import Taxes paid per unit in accordance with ITB 14.8(c)(ii) , [to be supported by documents]	Unit Price net of custom duties and import taxes, in accordance with ITB 148 (c) (iii) (Col. 6 minus Col.7)	Price per line item net of Custom Duties and Import Taxes paid, in accordance with ITB 14.8(c)(i) (Col. 5×8)	Price per line item for inland transportation and other services required in the Purchaser's country to convey the goods to their final destination, as specified in BDS in accordance with ITB 14.8 (c)(v)	Sales and other taxes paid or payable per item if Contract is awarded (in accordance with ITB 14.8(c)(iv)	Total Price per line item (Col. 9+10)
<i>[insert number of the item]</i>	<i>[insert name of Goods]</i>	<i>[insert country of origin of the Good]</i>	<i>[insert quoted Delivery Date]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert unit price per unit]</i>	<i>[insert custom duties and taxes paid per unit]</i>	<i>[insert unit price net of custom duties and import taxes]</i>	<i>[insert price per line item net of custom duties and import taxes]</i>	<i>[insert price per line item for inland transportation and other services required in the Purchaser's country]</i>	<i>[insert sales and other taxes payable per item if Contract is awarded]</i>	<i>[insert total price per line item]</i>
										Total Bid Price	

Name of Bidder *[insert complete name of Bidder]* Signature of Bidder *[signature of person signing the Bid]* Date *[insert date]*

* *[For previously imported Goods, the quoted price shall be distinguishable from the original import value of these Goods declared to customs and shall include any rebate or mark-up of the local agent or representative and all local costs except import duties and taxes, which have been and/or have to be paid by the*

Purchaser. For clarity the bidders are asked to quote the price including import duties, and additionally to provide the import duties and the price net of import duties which is the difference of those values.]

Price Schedule: Goods Manufactured in the Purchaser's Country_Lot_

Purchaser's Country _____		(Group A and B bids) Currencies in accordance with ITB 15					Date: _____ ICB No: _____ Alternative No: _____ Page N° _____ of _____			
1	2	3	4	5	6	7	8	9	10	
Line Item N°	Description of Goods	Delivery Date as defined by Incoterms	Quantity and physical unit	Unit price EXW	Total EXW price per line item (Col. 4x5)	Price per line item for inland transportation and other services required in the Purchaser's Country to convey the Goods to their final destination	Cost of local labor, raw materials and components from with origin in the Purchaser's Country % of Col. 5	Sales and other taxes payable per line item if Contract is awarded (in accordance with ITB 14.8(a)(ii))	Total Price per line item (Col. 6+7)	
<i>[insert number of the item]</i>	<i>[insert name of Good]</i>	<i>[insert quoted Delivery Date]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert EXW unit price]</i>	<i>[insert total EXW price per line item]</i>	<i>[insert the corresponding price per line item]</i>	<i>[Insert cost of local labor, raw material and components from within the Purchase's country as a % of the EXW price per line item]</i>	<i>[insert sales and other taxes payable per line item if Contract is awarded]</i>	<i>[insert total price per item]</i>	
Total Price										

Name of Bidder *[insert complete name of Bidder]* Signature of Bidder *[signature of person signing the Bid]* Date *[insert date]*

Price and Completion Schedule - Related Services

Lot 1

Currencies in accordance with ITB 15						Date: _____
						ICB No: _____
						Alternative No: _____
						Page N° _____ of _____
1	2	3	4	5	6	7
Service N°	Description of Services (excludes inland transportation and other services required in the Purchaser's country to convey the goods to their final destination)	Country of Origin	Delivery Date at place of Final destination	Quantity and physical unit	Unit price	Total Price per Service (Col. 5*6 or estimate)
1	Installation and Training of HPLC with PDA detector: <ul style="list-style-type: none"> • Installation must be provided by manufacturer certified technician (manufacturer training certificate should be added to offer) with an experience of installing at least 5 HPLC systems (installed base list must be added to offer) • IQ and OQ reports should be generated to meet GLP regulatory requirements during installation and operation by service personnel Training of 5 or more working days after successful commissioning of the instrument by the service engineer is to be provided	<i>[insert country of origin of the Services]</i>	<i>[insert delivery date at place of final destination per Service]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert unit price per item]</i>	<i>[insert total price per item]</i>
2	Installation and Training of Gas Chromatograph (GC) with FID and ECD detectors: <ul style="list-style-type: none"> • Installation must be provided by manufacturer certified technician (manufacturer training certificate should be added to offer) with an experience of installing at least 5 GC systems (installed base list must be added to offer) for GC and 2 generator systems (installed base list must be added to offer) for H2 generator • IQ and OQ reports should be generated to meet GLP regulatory requirements during installation and operation by service personnel (for GC) Training of 3 or more working days after successful commissioning of the instrument by the service engineer is to be provided					

3	<p>Installation and training of Ion chromatography system</p> <ul style="list-style-type: none"> • The System, prior to shipment, shall be tested for conformance of the System with manufacturer's performance specifications and the minimum requirements specified herein. Conformance certificate or statement shall be supplied prior to on site validation • System must be installed and qualified at the End-User facility; • Minimum 5 days training must be provided by manufacturer certified specialist including minor repairs and method development 					
Total Bid Price						

Name of Bidder *[insert complete name of Bidder]* Signature of Bidder *[signature of person signing the Bid]* Date *[insert date]*

Price and Completion Schedule - Related Services

Lot 2

Currencies in accordance with ITB 15						Date: _____
						ICB No: _____
						Alternative No: _____
						Page N° _____ of _____
1	2	3	4	5	6	7
Service N°	Description of Services (excludes inland transportation and other services required in the Purchaser's country to convey the goods to their final destination)	Country of Origin	Delivery Date at place of Final destination	Quantity and physical unit	Unit price	Total Price per Service (Col. 5*6 or estimate)
1	<p>Installation and Training of LCMS system:</p> <ul style="list-style-type: none"> • Installation must be provided by manufacturer certified technician (manufacturer training certificate should be added to offer) with an experience of installing at least 2 LCMS systems in pharmaceutical field (installed base list must be added to offer) • IQ and OQ reports should be generated to meet GLP regulatory requirements during installation and operation by service personnel • Training of 5 or more working days after successful commissioning of the instrument by the service engineer is to be provided 	<i>[insert country of origin of the Services]</i>	<i>[insert delivery date at place of final destination per Service]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert unit price per item]</i>	<i>[insert total price per item]</i>
2	<ul style="list-style-type: none"> • Installation and Training of FTIR Spectrometer: • Installation must be provided by manufacturer certified technician (manufacturer training certificate should be added to offer) with an experience of installing at least 2 spectrometer systems in pharmaceutical field (installed base list must be added to offer) • IQ and OQ reports should be generated to meet GLP regulatory requirements during installation and operation by service personnel • Training of 3 or more working days after successful commissioning of the instrument by the service engineer is to be provided 					

	Total Bid Price	
--	-----------------	--

Name of Bidder *[insert complete name of Bidder]* Signature of Bidder *[signature of person signing the Bid]* Date *[insert date]*

Price and Completion Schedule - Related Services

Lot 3

Currencies in accordance with ITB 15						Date: _____
						ICB No: _____
						Alternative No: _____
						Page N° _____ of _____
1	2	3	4	5	6	7
Service N°	Description of Services (excludes inland transportation and other services required in the Purchaser's country to convey the goods to their final destination)	Country of Origin	Delivery Date at place of Final destination	Quantity and physical unit	Unit price	Total Price per Service (Col. 5*6 or estimate)
1	<ul style="list-style-type: none"> • Installation and Training of ICP-OES Spectrometer Installation must be provided by manufacturer certified technician (manufacturer training certificate should be added to offer) with an experience of installing at least 1 spectrometer system (installed base list must be added to offer) • IQ and OQ reports should be generated to meet GLP regulatory requirements during installation and operation by service personnel • Training of 5 or more working days after successful commissioning of the instrument by the service engineer is to be provided 	<i>[insert country of origin of the Services]</i>	<i>[insert delivery date at place of final destination per Service]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert unit price per item]</i>	<i>[insert total price per item]</i>
2	<ul style="list-style-type: none"> • Installation and Training of Microwave oven for ICP sample preparation: • Installation must be provided by manufacturer certified technician (manufacturer training certificate should be added to offer) with an experience of installing at least 2 microwave systems (installed base list must be added to offer) • Training of 2 or more working days after successful commissioning of the instrument by the service engineer is to be provided 					
Total Bid Price						

Name of Bidder *[insert complete name of Bidder]* Signature of Bidder *[signature of person signing the Bid]* Date *[insert date]*

Form of Bid Security

(Bank Guarantee)

[The bank shall fill in this Bank Guarantee Form in accordance with the instructions indicated.]

[Guarantor letterhead or SWIFT identifier code]

Beneficiary: *[Purchaser to insert its name and address]*

IFB No.: *[Purchaser to insert reference number for the Invitation for Bids]*

Alternative No.: *[Insert identification No if this is a Bid for an alternative]*

Date: *[Insert date of issue]*

BID GUARANTEE No.: *[Insert guarantee reference number]*

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

We have been informed that _____ *[insert name of the Bidder, which in the case of a joint venture shall be the name of the joint venture (whether legally constituted or prospective) or the names of all members thereof]* (hereinafter called "the Applicant") has submitted or will submit to the Beneficiary its bid (hereinafter called "the Bid") for the execution of _____ under Invitation for Bids No. _____ ("the IFB").

Furthermore, we understand that, according to the Beneficiary's conditions, bids must be supported by a bid guarantee.

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

- (a) has withdrawn its Bid during the period of bid validity set forth in the Applicant's Letter of Bid ("the Bid Validity Period"), or any extension thereto provided by the Applicant; or
- (b) having been notified of the acceptance of its Bid by the Beneficiary during the Bid Validity Period or any extension thereto provided by the Applicant, (i) has failed to execute the contract agreement, or (ii) has failed to furnish the performance security, in

accordance with the Instructions to Bidders (“ITB”) of the Beneficiary’s bidding document.

This guarantee will expire: (a) if the Applicant is the successful bidder, upon our receipt of copies of the contract agreement signed by the Applicant and the performance security issued to the Beneficiary in relation to such contract agreement; or (b) if the Applicant is not the successful bidder, upon the earlier of (i) our receipt of a copy of the Beneficiary’s notification to the Applicant of the results of the bidding process; or (ii) twenty-eight days after the end of the Bid Validity Period.

Consequently, any demand for payment under this guarantee must be received by us at the office indicated above on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No. 758.

[Signature(s)]

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

Form of Bid Security (Bid Bond) – Not Applicable

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

BOND NO. _____

BY THIS BOND [*name of Bidder*] as Principal (hereinafter called “the Principal”), and [*name, legal title, and address of surety*], **authorized to transact business in** [*name of country of Purchaser*], as Surety (hereinafter called “the Surety”), are held and firmly bound unto [*name of Purchaser*] as Obligee (hereinafter called “the Purchaser”) in the sum of [*amount of Bond*]²[*amount in words*], for the payment of which sum, well and truly to be made, we, the said Principal and Surety, bind ourselves, our successors and assigns, jointly and severally, firmly by these presents.

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

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that if the Principal:

- (a) has withdrawn its Bid during the period of bid validity set forth in the Principal’s Letter of Bid (“the Bid Validity Period”), or any extension thereto provided by the Principal; or
- (b) having been notified of the acceptance of its Bid by the Purchaser during the Bid Validity Period or any extension thereto provided by the Principal; (i) failed to execute the contract agreement; or (ii) has failed to furnish the Performance Security, in accordance with the Instructions to Bidders (“ITB”) of the Purchaser’s bidding document.

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

The Surety hereby agrees that its obligation will remain in full force and effect up to and including the date 28 days after the date of expiration of the Bid Validity Period set forth in the Principal’s Letter of Bid or any extension thereto provided by the Principal.

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

² The amount of the Bond shall be denominated in the currency of the Purchaser’s country or the equivalent amount in a freely convertible currency.

Principal: _____
Corporate Seal (where appropriate)

Surety: _____

(Signature)
(Printed name and title)

(Signature)
(Printed name and title)

Form of Bid-Securing Declaration – Not Applicable

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

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

Bid No.: *[number of bidding process]*

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

To: *[complete name of Purchaser]*

We, the undersigned, declare that:

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

We accept that we will automatically be suspended from being eligible for bidding in any contract with the Purchaser for the period of time of *[number of months or years]* starting on *[date]*, if we are in breach of our obligation(s) under the bid conditions, because we:

- (a) have withdrawn our Bid during the period of bid validity specified in the Letter of Bid; or
- (b) having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract; or (ii) fail or refuse to furnish the Performance Security, if required, in accordance with the ITB.

We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

Name of the Bidder* _____

Name of the person duly authorized to sign the Bid on behalf of the Bidder** _____

Title of the person signing the Bid _____

Signature of the person named above _____

Date signed _____ day of _____, _____

*: In the case of the Bid submitted by joint venture specify the name of the Joint Venture as Bidder

** : Person signing the Bid shall have the power of attorney given by the Bidder attached to the Bid

[Note: In case of a Joint Venture, the Bid-Securing Declaration must be in the name of all members to the Joint Venture that submits the bid.]

Manufacturer's Authorization

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

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

ICB No.: *[insert number of bidding process]*

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

To: *[insert complete name of Purchaser]*

WHEREAS

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

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

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

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

Title: *[insert title]*

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

Section V. Eligible Countries

Eligibility for the Provision of Goods, Works and Non Consulting Services in Bank-Financed Procurement

In reference to ITB 4.7 and 5.1, for the information of the Bidders, at the present time firms, goods and services from the following countries are excluded from this bidding process:

Under ITB 4.7(a) and 5.1: *None*

Under ITB 4.7(b) and 5.1: *None*

Section VI. Bank Policy - Corrupt and Fraudulent Practices

Guidelines for Procurement of Goods, Works, and Non-Consulting Services under IBRD Loans and IDA Credits & Grants by World Bank Borrowers, dated January 2011.

“Fraud and Corruption:

1.16 It is the Bank’s policy to require that Borrowers (including beneficiaries of Bank loans), bidders, suppliers, contractors and their agents (whether declared or not), sub-contractors, sub-consultants, service providers or suppliers, and any personnel thereof, observe the highest standard of ethics during the procurement and execution of Bank-financed contracts.³ In pursuance of this policy, the Bank:

- (a) defines, for the purposes of this provision, the terms set forth below as follows:
 - (i) “corrupt practice” is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;⁴
 - (ii) “fraudulent practice” is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;⁵
 - (iii) “collusive practice” is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;⁶
 - (iv) “coercive practice” is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;⁷
 - (v) "obstructive practice" is:

³ In this context, any action to influence the procurement process or contract execution for undue advantage is improper.

⁴ For the purpose of this sub-paragraph, “*another party*” refers to a public official acting in relation to the procurement process or contract execution. In this context, “*public official*” includes World Bank staff and employees of other organizations taking or reviewing procurement decisions.

⁵ For the purpose of this sub-paragraph, “*party*” refers to a public official; the terms “*benefit*” and “*obligation*” relate to the procurement process or contract execution; and the “*act or omission*” is intended to influence the procurement process or contract execution.

⁶ For the purpose of this sub-paragraph, “*parties*” refers to participants in the procurement process (including public officials) attempting either themselves, or through another person or entity not participating in the procurement or selection process, to simulate competition or to establish bid prices at artificial, non-competitive levels, or are privy to each other’s bid prices or other conditions.

⁷ For the purpose of this sub-paragraph, “*party*” refers to a participant in the procurement process or contract execution.

- (aa) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or
 - (bb) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 1.16(e) below.
- (b) will reject a proposal for award if it determines that the bidder recommended for award, or any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- (c) will declare misprocurement and cancel the portion of the loan allocated to a contract if it determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement or the implementation of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
- (d) will sanction a firm or individual, at any time, in accordance with the prevailing Bank's sanctions procedures,⁸ including by publicly declaring such firm or individual ineligible, either indefinitely or for a stated period of time: (i) to be awarded a Bank-financed contract; and (ii) to be a nominated⁹;
- (e) will require that a clause be included in bidding documents and in contracts financed by a Bank loan, requiring bidders, suppliers and contractors, and their sub-contractors, agents, personnel, consultants, service providers, or suppliers, to permit the Bank to inspect all accounts, records, and other documents relating to

⁸ A firm or individual may be declared ineligible to be awarded a Bank financed contract upon: (i) completion of the Bank's sanctions proceedings as per its sanctions procedures, including, inter alia, cross-debarment as agreed with other International Financial Institutions, including Multilateral Development Banks, and through the application the World Bank Group corporate administrative procurement sanctions procedures for fraud and corruption; and (ii) as a result of temporary suspension or early temporary suspension in connection with an ongoing sanctions proceeding. See footnote 14 and paragraph 8 of Appendix 1 of these Guidelines.

⁹ A nominated sub-contractor, consultant, manufacturer or supplier, or service provider (different names are used depending on the particular bidding document) is one which has either been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

the submission of bids and contract performance, and to have them audited by auditors appointed by the Bank.”

PART 2 – Supply Requirements

Section VII. Schedule of Requirements

Contents

1. List of Goods and Delivery Schedule –LOT 1.....	72
1. List of Goods and Delivery Schedule – LOT 2.....	73
1. List of Goods and Delivery Schedule LOT-3.....	74
2. List of Related Services and Completion Schedule.....	75
LOT 1	75
2. List of Related Services and Completion Schedule.....	77
LOT 2	77
2. List of Related Services and Completion Schedule.....	79
LOT 3	79
3. Technical Specifications	81
4. Drawings	109

5. Inspections and Tests..... 110

1. List of Goods and Delivery Schedule – LOT 1

Line Item N°	Description of Goods	Quantity	Physical unit	Final (Project Site) Destination as specified in BDS	Delivery (as per Incoterms) Date		
					Earliest Delivery Date	Latest Delivery Date	Bidder's offered Delivery date
1.	High-performance liquid chromatograph (HPLC) with PDA detector	1	set	"Yerevan State University" Foundation Institute of Pharmacy	2 weeks	8 weeks	
2.	Gas Chromatograph (GC) with FID and ECD detectors	1	set		2 weeks	8 weeks	
3.	Ion chromatography system	1	set		2 weeks	8 weeks	

1. List of Goods and Delivery Schedule – LOT 2

Line Item N°	Description of Goods	Quantity	Physical unit	Final (Project Site) Destination as specified in BDS	Delivery (as per Incoterms) Date		
					Earliest Delivery Date	Latest Delivery Date	Bidder's offered Delivery date
1.	Liquid chromatography–mass spectrometry (LC-MS system)	1	set	“Yerevan State University” Foundation	8 weeks	18 weeks	
2.	FTIR Spectrometer	1	set		8 weeks	18 weeks	
3.	Nitrogen Generator	1	set		8 weeks	18 weeks	
4.	Analytical balance	1	unit	Institute of Pharmacy	8 weeks	18 weeks	

1. List of Goods and Delivery Schedule LOT-3

Line Item N°	Description of Goods	Quantity	Physical unit	Final (Project Site) Destination as specified in BDS	Delivery (as per Incoterms) Date		
					Earliest Delivery Date	Latest Delivery Date	Bidder's offered Delivery date
1.	Inductively coupled plasma - optical emission spectrometry (ICP-OES Spectrometer)	1	set	“Yerevan State University” Foundation	<i>21 weeks</i>	<i>31 weeks</i>	
2.	Microwave oven for ICP sample preparation	1	set	Institute of Pharmacy	<i>21 weeks</i>	<i>31 weeks</i>	
3.	Ultrasonic bath	1	unit		<i>21 weeks</i>	<i>31 weeks</i>	
4.	Programmable vacuum drying oven	1	unit		<i>21 weeks</i>	<i>31 weeks</i>	

2. List of Related Services and Completion Schedule

LOT 1					
Service	Description of Service	Quantity¹⁰	Physical Unit	Place where Services shall be performed	Final Completion Date(s) of Services
1.	Installation and Training of HPLC with PDA detector: <ul style="list-style-type: none"> • Installation of software must be provided by the manufacturer's certified technician (manufacturer training certificate should be added to offer) with an experience of installing at least 5 HPLC systems (installed base list must be added to offer) • IQ and OQ reports should be generated to meet GLP regulatory requirements during installation and operation by service personnel • Training of 5 or more working days after successful commissioning of the instrument by the service engineer is to be provided 	At least 5	HPLC systems	“Yerevan State University” Foundation, Institute of Pharmacy	1 (one) week after the delivery of the item to the final destination
2.	Installation and Training of Gas Chromatograph (GC) with FID and ECD detectors: <ul style="list-style-type: none"> • Installation of software must be provided by the manufacturer's certified technician (manufacturer training certificate should be added to offer) with an experience of installing at least 5 GC systems (installed base list must be added to offer) for GC and 2 	At least 5	GC systems	“Yerevan State University” Foundation, Institute of Pharmacy	1 (one) week after the delivery of the item to the final destination

¹⁰ Quantity shows the installation of HPLC systems.

	<p>generator systems (installed base list must be added to offer) for H2 generator</p> <ul style="list-style-type: none"> • IQ and OQ reports should be generated to meet GLP regulatory requirements during installation and operation by service personnel (for GC) • Training of 3 or more working days after successful commissioning of the instrument by the service engineer is to be provided 				
3.	<p>Installation of software and training of Ion chromatography system</p> <ul style="list-style-type: none"> • The System, prior to shipment, shall be tested for conformance of the System with manufacturer's performance specifications and the minimum requirements specified herein. Conformance certificate or statement shall be supplied prior to on site validation • System must be installed and qualified at the End-User facility; • Minimum 5 days training must be provided by manufacturer certified specialist including minor repairs and method development 	At least 1	Ion chromatography system	"Yerevan State University" Foundation, Institute of Pharmacy	1 (one) week after the delivery of the item to the final destination

2. List of Related Services and Completion Schedule

LOT 2					
Service	Description of Service	Quantity¹¹	Physical Unit	Place where Services shall be performed	Final Completion Date(s) of Services
1.	Installation and Training of LCMS system: <ul style="list-style-type: none"> • Installation of software must be provided by the manufacturer's certified technician (manufacturer training certificate should be added to offer) with an experience of installing at least 2 LCMS systems in pharmaceutical field (installed base list must be added to offer) • IQ and OQ reports should be generated to meet GLP regulatory requirements during installation and operation by service personnel • Training of 5 or more working days after successful commissioning of the instrument by the service engineer is to be provided 	At least 2	LCMS systems in pharmaceutical field	“Yerevan State University” Foundation, Institute of Pharmacy	2 (two) weeks after the delivery of the item to the final destination
2.	<ul style="list-style-type: none"> • Installation of software and Training of FTIR Spectrometer: • Installation of software must be provided by the manufacturer's certified technician (manufacturer training certificate 	At least 2	Spectrometer systems in pharmaceutical field	“Yerevan State University” Foundation, Institute of Pharmacy	1 (one) week after the delivery of the item to the final

¹¹ Quantity shows the installation of LCMS systems in pharmaceutical field

	<p>should be added to offer) with an experience of installing at least 2 spectrometer systems in pharmaceutical field (installed base list must be added to offer)</p> <ul style="list-style-type: none">• IQ and OQ reports should be generated to meet GLP regulatory requirements during installation and operation by service personnel• Training of 3 or more working days after successful commissioning of the instrument by the service engineer is to be provided				destination
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2. List of Related Services and Completion Schedule

LOT 3					
Service	Description of Service	Quantity ¹²	Physical Unit	Place where Services shall be performed	Final Completion Date(s) of Services
1.	<p>Installation and Training of ICP-OES Spectrometer Installation of software must be provided by manufacturer's certified technician (manufacturer training certificate should be added to offer) with an experience of installing at least 1 spectrometer system (installed base list must be added to offer)</p> <ul style="list-style-type: none"> • IQ and OQ reports should be generated to meet GLP regulatory requirements during installation and operation by service personnel • Training of 5 or more working days after successful commissioning of the instrument by the service engineer is to be provided 	At least 1	spectrometer system	"Yerevan State University" Foundation, Institute of Pharmacy	2 (two) weeks after the delivery of the item to the final destination
2.	<p>Installation and Training of Microwave oven for ICP sample preparation:</p> <ul style="list-style-type: none"> • Installation of software must be provided by the manufacturer's certified technician (manufacturer training certificate should be added to offer) with an experience of installing at least 2 microwave systems (installed base list must be added to offer) • Training of 2 or more working days 	At least 2	microwave systems	"Yerevan State University" Foundation, Institute of Pharmacy	1 (one) week after the delivery of the item to the final destination

¹² Quantity shows the installation of spectrometer system

	after successful commissioning of the instrument by the service engineer is to be provided				
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3. Technical Specifications

All goods should be new and unused. The Supplier should present warranty for the goods with **the minimum period as specified in the below table**. It is required to present user guidelines and technical documents of goods, also documents provided by the Manufacture to ensure the conformity of technical and functional parameters of the presented goods' to the required Technical Parameters.

The Model, Manufacturer and Country must be specified for each product.

Lot 1: Laboratory Equipments				Trademark & Model: Country :
REQUIRED SPECIFICATIONS				PROPOSED SPECIFICATIONS
N	Name	Quantity	Technical Parameters	Availability of the Manufacturer Authorization Form/Certificate of Origin (yes/no)
1.	HPLC (High-performance liquid chromatograph) with PDA detector	1	<p>General:</p> <ul style="list-style-type: none"> • HPLC system should be suitable for quantitative analysis and qualitative control of chemical components; • The system should be a quaternary gradient type that support minimum of four solvents. • HPLC should be an integrated system with built in PDA detector, pump with degasser, column oven and automatic sample changer • Full system should be from the single vendor and no refurbished parts are allowed to be added to the system • System should have GLP/GMP compliance and should meet FDA 21 CFR Part 11 guidelines. The system should enable for audit trails, and other requirements related to GLP compliance • IQ and OQ reports should be generated to meet GLP regulatory requirements during installation and operation by service personnel • All the specifications mentioned below should be in the printed brochure of the company or on the company website and the technical specifications should be quoted with the manufacturer part number where possible <p>Solvent delivery system:</p> <ul style="list-style-type: none"> • Quaternary low pressure gradient mixing system with built-in degasser • Minimum 4 (four) solvent capability • Vacuum Degasser with at least one channel per solvent and one channel for rinsing solution • Flow rate from 0.000 to at least 10 ml/min or better 	YES

		<ul style="list-style-type: none"> • Maximum operating pressure: 5000 psi (345 bar) (0.010 to 3.000 mL/min) programmable upper and lower limits or better • • Flow rate accuracy $\pm 1.0\%$ or better • Flow precision 0.075% RSD or ± 0.02 min SD • System should have the gradient delay volume $\leq 650\mu\text{L}$ or better • • Composition range: 0.0% to 100.0%, in 0.1% increments • The pump must be able to delivery gradients with 11 (eleven) gradient curve shapes (linear, step, convex, concave) <p>Autosampler:</p> <ul style="list-style-type: none"> • Should be thermostated with temperature range from at least +4 °C to +4°C programmable in 1°C • Injection volume range from 0.1μL to 100 μL or better • Sample Capacity: must be able to accommodate at least 120 of the standard 1.5- 2-mL vials • Programmable needle wash • Carryover <0.01 % or better for caffeine • Injection volume precision: 0.5-1.0 % or better • Injection linearity at least 0.9999 (from 1 to 100 μL) • Injection accuracy: $\pm 1\mu\text{L}$ ($\pm 2\%$) <p>PDA detector:</p> <ul style="list-style-type: none"> • With D2 lamp or any other suitable light source • Wavelength range from at least 190 nm to 800 nm or higher with analytical flow cell with volume 10 μL or smaller and 10mm path length flow cell • Pixel Resolution: ≤ 1.4 nm • Wavelength accuracy: ± 1 nm or better. • r • Linearity up to 2 AU ($\leq 5\%$) • Noise performance < 10 AU • Drift $\leq 1.0 \times 10^{-3}$ AU/hour, 254 nm • Flow cell pressure limit not less than 6 mpa <p>Column oven</p> <ul style="list-style-type: none"> • Column compartment temperature range from at least 4 °C below ambient or less to up to 60°C or above, in 1 °C increments programmable or better • • Column compartment should be able to accommodate at least one column with the length of 30 cm <p>Mobile Phase management:</p> <ul style="list-style-type: none"> • Solvent bottle rack must be included • Solvent glass bottles, at least 1L volume (minimum four) must be included • Solvent supply and waste safety kit: safety cap with 1 connection, 1 pc. safety cap with 4 connections, 3 pcs. waste canister, at least 4 L volume with exhaust filter, 1 pc. air valve for venting, 10 pcs. <p>Software:</p> <ul style="list-style-type: none"> • • The complete system must be controlled with a single software. • CDS software must be compliant with 21 CFR Part 11 requirements, electronic signatures and EU regulatory requirements • Multiple user log-in for different user with different privileges. • Allow automated reporting. • The CDS should allow users to create as many custom sample identification fields as required by our business operations • The CDS should incorporate validated options/ application packages to allow Method Validation, 		
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			<p>Automated LC Separation Method Development, and Dissolution calculations that can be enabled and disabled as needed.</p> <ul style="list-style-type: none"> • Primary system security should be provided by the CDS and not the operating system. Data stored in the database should not be accessible directly by users. • Where deletion of data is allowed, this action should be fully audit trailed • Any system failures shall not result in the loss of raw data. • The CDS should have the ability to grant different levels of access for users by administrators at a project, user, system or group level. • System suitability calculations about peak shape and chromatographic resolution should be calculated by the CDS. • The following system suitability parameters should be automatically calculated: Resolution (for resolved peaks), Tailing, Efficiency (including 5 sigma method), Asymmetry, Height to Valley ratio (for non resolved peaks), Noise, Drift, and Signal to Noise (EP method). • Automated Software validation/qualification package must be available • PDA license include- • Workstation: • A suitable manufacturer recommended Computer for system control & data acquisition should be included • It should have following minimum specs: i4 processor, 4GB RAM, or more, 2 USB Ports • 24" TFT/LED Color Monitor or equivalent • Keyboard and Optical mouse • Original operating system • Any standard brand LaserJet Printer • UPS 1200 VA/720W <p>Installation and Training:</p> <ul style="list-style-type: none"> • Installation must be provided by manufacturer certified technician (manufacturer training certificate should be added to offer) with an experience of installing at least 5 HPLC systems (installed base list must be added to offer) • IQ and OQ reports should be generated to meet GLP regulatory requirements during installation and operation by service personnel • Training of 5 or more working days after successful commissioning of the instrument by the service engineer is to be provided <p>Warranty: <u>Not less than 2-year should be offered with main system</u></p> <p>ADDITIONAL ACCESORIES AND METHOD DEVELOPMENT MATERIALS</p> <ul style="list-style-type: none"> • HPLC column for chiral separation USP L32 quality length 250mm diameter 4.6 ,particles 5mkm ,1pc • HPLC column USP L1 high quality length 250mm diameter 4.6 ,particles 5mkm,1pc • HPLC column USP L7 high quality length 250mm diameter 4.6 ,particles 5mkm,1pc • HPLC column USP L8 high quality length 250mm diameter 4.6 ,particles 5mkm,1pc • C18 type HPLC column, 3.0 µm or equivalent 150x 4.6 mm, 1 pc. • Suitable guard cartridges, 3 pcs. • Guard cartridge holder,. 1 pc. • Standard autosampler clear glass vial 12 x 32mm with 9 mm screw type PP (polypropylene) cap and PTFE/Silicon septa. 10 packs of 100/PK • Acetonitrile LCMS grade 10L 		
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			<ul style="list-style-type: none"> • Methanol LCMS grade 10L • TFA LCMS grade 0.1L • Solvent bottles 1L 4PC • HPLC Vials high quality slit PTFE/Silicon cap 100PC • PTFE syringe filter 0.45 mk 100PC • Omeprazole and esomeprazole USP reference material 100mg each 		
2.	Gas Chromatograph (GC) with FID and ECD detectors and H₂ Generator and clean air supply for GC	1	<p>General:</p> <ul style="list-style-type: none"> • Gas chromatograph (GC) should be equipped with Flame ionization detector (FID) and electron capture detector (ECD) and autosampler • GC should be PC controlled, fully automated with programmable electronic control (digital control) for injector, detector and purge gas. • GC should be equipped with color touchscreen with self-explaining icons for setting parameters, function control and showing the current chromatogram • Should have energy saving function (Sleep/Wake up) with possibility to customize it • Should have diagnostic function and additional information for the probable cause of the error <p>Flow Control:</p> <ul style="list-style-type: none"> • Should have programmable flow and pressure control of carrier and detector gasses • Equipped with compensation function for variations in atmospheric pressure and temperature • Should have at least following flow modes: constant pressure, constant column flow, constant linear velocity <p>Injector:</p> <ul style="list-style-type: none"> • GC should be equipped with split/splitless injector • Maximum operating temperature should be at least up to 400 °C in 1 °C set point increments or better • Injector pressure range should be at least up to 1000 kPa • Should support capillary columns from at least 50 µm to 530 µm I.D • Maximum number injectors installed: not less than 2 • Should have built-in electronic septum purge • Should have gas saving mode for reducing gas consumption <p>GC Oven:</p> <ul style="list-style-type: none"> • Volume of approximately 11.5-12 Litres or more with easy fixing and removing different types/dimension of columns without compromising rate of heating or cooling of oven • All temperature and time functions should be micro-processor controlled and displayed on the GC screen • Operating temperature range: ambient +3 °C to 450 °C • Oven cool-down : 450 °C to 50 °C less than 4 minutes • • Oven should be able to accommodate up to two 60m × 0.53 mm id capillary columns • Maximum programmable temperature ramp rate should be 120 °C/min or more • Temperature ramps should be at least 20-32 • Time settings with 1 min increments for up to 9999 minutes or wider <p>FID detector:</p> <ul style="list-style-type: none"> • Operating temperature up to +450 °C in 1 °C • Minimum detectable quantity: <1.4 pg C/s (dodecane) • Linearity at least 1 x 10⁷ • Max data acquisition rate 300 Hz or better • Should have automatic flame ignition and reignition • Flow rate setting for H₂ up to 100 ml/min and for air – up 	YES	

			<p>to 800ml/min ECD detector:</p> <ul style="list-style-type: none"> • Operating temperature up to +400 °C in 1 °C • Minimum detectable quantity: <4.5 fg/s • Dynamic range at least 1×10^5 • Max data acquisition rate not less 300 Hz or better • Flow rate setting for He, H2 or N2 up to 20 ml/min <p>Autosampler:</p> <ul style="list-style-type: none"> • Standard syringe 10ml , optional 5ml and 0.5ml • Maximum injection volume not more than 5ml • Minimum injection volume not less than 0.01ml • Injection increments not more than 0.01ml • Chromatographic performance: not more than 0.3 RSD % • Carryover not more than 0.001% • Sample vials not more than 2ml ,solvent bottles not more than 4ml,waste bottles not more than 40ml • Autosampler must be fully controlled by software with pre and post injection rinsing <p>Software:</p> <ul style="list-style-type: none"> • Standard Licensed Chromatography Software based on latest Windows version capable of controlling the entire GC System, data acquisition, analysis & storage • Software should perform data analyses at least as per DIN/ISO/US-EPA, calibration, blank correction, data import, export, handling and reporting, quality control protocols, computer-based training <p>Workstation:</p> <ul style="list-style-type: none"> • A suitable manufacturer recommended Computer for system control & data acquisition should be included • It should have following minimum specs: i4 processor, 4GB RAM, , 2 USB Ports • 24" TFT/LED Color Monitor or equivalent <ul style="list-style-type: none"> • UPS 1200 VA/720W • Keyboard and Optical mouse • Original operating system • Any standard brand LaserJet colour Printer <p>Column:</p> <ul style="list-style-type: none"> • GC capillary column suitable for fatty acids and methylesters, polar, Crossbond polyethylene glycol or equivalent • Dimensions: 60m x 0.25μm x 0.25mm, supplied with guard column, 1 pc. • Supplied with FAME standard mix with at least 6 components, 2 amp. <p><u>Warranty:</u></p> <p><u>Standard warranty 2-year should be offered with main system.</u></p> <p>ADDITIONAL ACCESORIES AND METHOD DEVELOPMENT MATERIALS</p> <ul style="list-style-type: none"> • GC Column USP G25 length 30m ID 0.25 thickness 0.5 IPC • GC Column USP G27 length 30m ID 0.25 thickness 0.25 IPC • GC Column USP G9 length 30m ID 0.25 thickness 0.25 IPC • Hexane GC grade 5L • FAME mixture 37-1ml 1Vial • Autosampler syringe 10 μl, 2 pcs. • Autosampler syringe 50 μl, 2 pcs. • Autosampler syringe 250 μl, 2 pcs • Standard autosampler clear glass vial 12 x 32mm with 9 mm screw type PP (polypropylene) cap and PTFE/Silicon septa. 10 packs of 100/PK • Clear glass vials, 4 ml, with cap and septa, 10 pcs. 		
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		<ul style="list-style-type: none"> • Injector port septa, low bleed, high temperature, 50 pcs. • FID sensitivity standard sample, 1 pc. • Glass insert Split, 5 pcs. • Glass insert Splitless, 5 pcs. • Deactivated Wool, 10 g • Graphite O-rings for glass insert Split, 5 pcs. • Graphite O-rings for glass insert Splitless, 5 pcs. • Electronic gas leak (He, H2, N2) detector, battery operated, 1 pc. <p>Installation and Training:</p> <ul style="list-style-type: none"> • Installation must be provided by manufacturer certified technician (manufacturer training certificate should be added to offer) with an experience of installing at least 5 GC systems (installed base list must be added to offer) • IQ and OQ reports should be generated to meet GLP regulatory requirements during installation and operation by service personnel • Training of 3 or more working days after successful commissioning of the instrument by the service engineer is to be provided <p><i>Hydrogen Generator:</i></p> <ul style="list-style-type: none"> • Suitable for GC carrier gas and FID detector gas • Flow rate with up to at least 100cc/min • Analytical Grade Hydrogen purity at least 99.995% • Max pressure up to 100 psi • Internal leak detection capability with automatic shutdown • Should create hydrogen on demand with minimal storage of it in the system • Noise level not more than 20 dB <p>Clean Air Supply:</p> <ul style="list-style-type: none"> • Suitable for GC FID as flame support gas • Should generate clean, dry air with Hydrocarbon content < 0.05ppm • Flow rate with up to at least 1.5L/min • Outlet pressure up to 80 psi • Phthalate and suspended liquids free • Completed with suitable air compressor <p>Installation and Training:</p> <ul style="list-style-type: none"> • Installation must be provided by manufacturer certified technician (manufacturer training certificate should be added to offer) with an experience of installing at least 2 generator systems (installed base list must be added to offer) • Training of 1 or more working days after successful commissioning of the instrument by the service engineer is to be provided • Warranty: Standard warranty 1-year should be offered with main system <p><i>Generator Nitrogen</i></p> <p>These generators are capable of delivering ultra high purity nitrogen, removing oxygen and moisture via pressure swing absorption and carbon molecular sieve technology, as well as removing hydrocarbons by means of catalytic oxidation to ensure maximum purity output.</p> <ul style="list-style-type: none"> • Gas flow -1000 cc/min • Inlet pressure-120-145 psi • Outlet pressure-80 psi • Purity-99.9995% < 0.05ppm THC • Frequency 50/60 Hz • startup time 120 min <p>Oil free compressors, FAD at 5 bar 152 l/min,</p> <ul style="list-style-type: none"> • tank capacity 40 l. with internal surface treatment against corrosion, equipped with the new membrane air dryer able to warranty -20 Micron. • Air capacity -255 l/min ; cfm 9 		
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			<ul style="list-style-type: none"> • GAD @ 8bar-103 l/min; cfm 3.6 • Motor-HP2; KW1.5 • Volt. -230 • Freq. 50 Hz • Receiver-40 l; GAL 10.57 • Max pressure-10 bar;145 psi <p>Installation and Training:</p> <ul style="list-style-type: none"> • Installation must be provided by manufacturer certified technician (manufacturer training certificate should be added to offer) with an experience of installing at least 2 generator systems (installed base list must be added to offer) • Training of 1 or more working days after successful commissioning of the instrument by the service engineer is to be provided. 		
3.	Ion chromatography system	1	<p>General:</p> <ul style="list-style-type: none"> • Ion Chromatography (IC) system should be suitable for cation and anion analysis; • IC should consist of pumps with degasser, column oven, automatic sample changer, CCD detector and suppressor system • Full system should be from the single vendor and no refurbished parts are allowed to be added to the system • System should have GLP/GMP compliance and should 	YES	

			<p>meet FDA 21 CFR Part 11 guidelines. The system should enable for audit trails, and other requirements related to GLP compliance</p> <ul style="list-style-type: none"> • IQ and OQ reports should be generated to meet GLP regulatory requirements during installation and operation by service personnel • All the specifications mentioned below should be in the printed brochure of the company or on the company website and the technical specifications should be quoted with the manufacturer part number where possible • Solvent delivery system: • Quaternary low pressure gradient mixing system • Minimum 4 (four) solvent capability • Vacuum Degasser with at least one channel per solvent and one channel for rinsing solution • Flow rate from 0.0001 to at least 10,000 ml/min or better • System back pressure of minimum 9000 psi or better • Flow rate accuracy $\pm 1.0\%$ or better • Flow precision 0.06% RSD or ± 0.02min SD, whichever is greater • System should have the gradient delay volume 650μl or better • Gradient concentration accuracy + 0.5% or better • The pump must be able to delivery gradients with 11 (eleven) gradient curve shapes (linear, step, convex, concave) • Conductivity detector: • Built-in validation support functions help you comply with GLP/GMP regulations • Measurement range from at least 0.01 – 51,000 μS cm⁻¹ • Noise level not more than 4 nS cm⁻¹ • Drift less than 25 nS cm⁻¹ • Cell volume not more than 0.25 μl • Max pressure not less than 400 psi • Column oven: • Column compartment temperature range from at least 10 °C below ambient or less to up to 85°C or above • Temperature control precision should be + 0.1°C or better • Column compartment should be able to accommodate at least three columns with the length of 30 cm • Automatic sample changer: • Should be thermostated with temperature range from at least +40 °C to +4°C Minimum injection volume range from 0.1μl to 50 μL or better • Sample Capacity: must be able to accommodate at least 100 (one hundred) of the standard 1.5- 2-mL vials • Programmable needle wash • Carryover 0.0015 % or better for caffeine • Injection volume accuracy: 1.0 % or better • Injection volume precision RSD < 0.25% or better • Injection cycle time 25 sec or less • Suppressor: • Efficient membrane suppression of the background conductivity and noise by converting conductive eluents to neutral solution 		
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			<ul style="list-style-type: none"> • Should enables anion analysis in the low ppm and ppb range • Should be minimum 2 installed and simultaneously working independent channels for suppressing the background electrical conductivity of the eluent • Column: • 2X250mm anion separation column with not less than 8mkm particle size 1pc • 2X50mm guard column for anion separation with not less than 8mkm particle size, 1pc Guard cartridge holder,. 1 pc. • 2X250mm cation separation column with not less than 8mkm particle size 1pc • 2X50mm guard column for cation separation with not less than 8mkm particle size 1pc • Anion Suppressor 2 pc • Standards: • Six cation standard solution certified ISO 17034 or eq.1pc • Seven anion standard solution certified ISO 17034 or eq.1pc • Vials and standards: • Standard autosampler clear glass vial 12 x 32mm with 9 mm screw type PP (polypropylene) cap and PTFE/Silicon septa. 10 packs of 100/PK • PTFE syringe filter 0.45 mk 100PC • Mobile Phase management: • Solvent bottle rack must be included • Solvent glass bottles, at least 1L volume (minimum four) must be included • Solvent supply and waste safety kit: • safety cap with 1 connection, 1 pc. • safety cap with 4 connections, 3 pcs. • waste canister, at least 4 L volume with exhaust filter, 1 pc. • air valve for venting, 10 pcs. • Software: • Standard Licensed Chromatography Software based on latest Windows version capable of controlling the entire HPLC System, data acquisition, analysis & storage • The chromatography software should be capable to control all modules such as pump, auto sampler, detector and others and have capability to robust peak integration, report formatting, qualitative and quantitative processing with effective detection of low level peaks on noisy or sloping baseline. • Workstation: • A suitable manufacturer recommended Computer for system control & data acquisition should be included • It should have following minimum specs: i4 processor, 4 GB RAM,, 2 USB Ports • 24" TFT/LED Color Monitor or equivalent • Keyboard and Optical mouse • Original operating system • Any standard brand LaserJet colour Printer • Installation and Training: • Installation must be provided by manufacturer certified technician (manufacturer training certificate 		
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			<p>should be added to offer) with an experience of installing at least 5 HPLC systems (installed base list must be added to offer)</p> <ul style="list-style-type: none">• IQ and OQ reports should be generated to meet GLP regulatory requirements during installation and operation by service personnel• Training of 3 or more working days after successful commissioning of the instrument by the service engineer is to be provided <p><u>WARRANTY</u> <u>Standard warranty 1-year should be offered with main system</u></p>		
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Lot 2: Laboratory Equipment					Trademark & Model: Country :
REQUIRED SPECIFICATIONS					PROPOSED SPECIFICATIONS
N	Name	Quantity	• Technical Parameters	Availability of the Manufacturer Authorization Form/Certificate of Origin (yes/no)	
1.	LCMS system	1	General: <ul style="list-style-type: none"> • LCMS system should be suitable for quantitative and qualitative analysis of chemical substances; • HPLC system should be a quaternary gradient type that support minimum of four solvents. • HPLC should be an integrated system with built in quaternary pump with degasser, column oven and automatic sample changer • Full system should be from the single vendor and no refurbished parts are allowed to be added to the system • System should have GLP/GMP compliance and should meet FDA 21 CFR Part 11 guidelines. The system should enable for audit trails, and other requirements related to GLP compliance • IQ and OQ reports should be generated to meet GLP regulatory requirements during installation and operation by service personnel • All the specifications mentioned below should be in the printed brochure of the company or on the company website and the technical specifications should be quoted with the manufacturer part number 	YES	

			<p>where possible</p> <p>Solvent delivery system:</p> <ul style="list-style-type: none"> • Quaternary low pressure gradient mixing system with built-in degasser • Minimum 4 (four) solvent capability • Vacuum Degasser with at least one channel per solvent and one channel for rinsing solution • Flow rate from 0.000 to at least 10 ml/min or better • Flow rate accuracy $\pm 1.0\%$ or better • Flow precision $\leq 0.075\%$ RSD or ± 0.02 min SD, whichever is greater • System should have the gradient delay volume $\leq 650\mu\text{l}$ or better • Gradient concentration accuracy + 0.5% or better • The pump must be able to delivery gradients with 11 (eleven) gradient curve shapes (linear, step, convex, concave) <p>Automatic sample changer:</p> <ul style="list-style-type: none"> • Should be thermostated with temperature range from at least $+40\text{ }^{\circ}\text{C}$ to $+4\text{ }^{\circ}\text{C}$ • Minimum injection volume range from $0.1\mu\text{l}$ to $100\mu\text{L}$ or better • Sample Capacity: must be able to accommodate at least 120 or more of the standard 1.5- 2-mL vials • Programmable needle wash • Carryover $< 0.001\%$ or better for caffeine • Injection volume reproducibility RSD $\leq 0.50\%$ or better • Injection cycle time 15 sec or less • Injection linearity at least 0.9999 (from 1 to $100\mu\text{l}$) <p>Column oven:</p> <ul style="list-style-type: none"> • Column compartment temperature range from at least $4\text{ }^{\circ}\text{C}$ below ambient or 		
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			<p>less to up to 60°C or above</p> <ul style="list-style-type: none"> • Column compartment should be able to accommodate at least one column with the length of 30 cm <p>PDA detector:</p> <ul style="list-style-type: none"> • Software modes: simultaneous 2D and 3D operation Wavelength range from at least 190 nm to 800 nm • Wavelength accuracy: not more than ±1 nm • Wavelength repeatability: ±0.1 nm • Bandwidth: 1.2 nm ±0.1 nm • Digital resolution 1.4 nm/pixel • . • Sampling rate Up to 80 points/s • Drift ≤1.0 x 10⁻³ AU/hour, 254 nm, • Linearity range ≤5% at 2.0 AU • Noise performance <10 μAU • Flow cell volume 8.4 μL ±1 μL • Flow cell pressure limit not less than 6 mpa <p>MS Analyzer:</p> <ul style="list-style-type: none"> • Required Analyzer interface: ESI (electrospray ionization) • Mass range from at least 10 to 2000 (m/z) • Resolution R=2M or better • The Scanning speed capability must be at least 10 000 amu/s • Sensitivity SIM mode, Positive ESI Reserpine: 1pg, S/N> 300:1 RMS or better • Sensitivity SIM mode, Negative ESI p-Nirophenole: 20pg, S/N> 150:1 RMS or better • The detector should be a secondary electron multiplier or equivalent • Detection of Positive/Negative ions should be user-selectable 		
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			<p>and the switching time between positive and negative polarity should be less than 20 msec or better</p> <ul style="list-style-type: none"> • Mass axis stability should be ± 0.1 amu over 12 hours • Auto-tuning should be standard with that delivers accurate calibrate injection under full workstation control in both positive and negative modes • Temperature of desolvation line should be up to $+300^{\circ}\text{C}$ • The vacuum system should be of a differential type with Dual inlet turbomolecular pump and one rotary pump • LCMS standard start-up kit should be supplied • Signal Noise Measurement sample (Papaverine/Nitrophenol Standard-Set) should be supplied • Tuning standard Sample for LCMS, at least 100 ml must be supplied • Oil return kit should be supplied • Noise reduction cover should be supplied • Vials: • Standard autosampler clear glass vial 12 x 32mm with 9 mm screw type PP (polypropylene) cap and PTFE/Silicon septa. 10 packs of 100/PK • Mobile Phase management: • Solvent bottle rack must be included • Solvent glass bottles, at least 1L volume (minimum four) must be included • Solvent supply and waste safety kit: <ul style="list-style-type: none"> • safety cap with 1 connection, 1 pc. • safety cap with 4 connections, 3 pcs. • waste canister, at least 4 L volume with exhaust filter, 1 pc. • air valve for venting, 10 pcs. 		
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			<ul style="list-style-type: none"> • Software: • Standard Licensed Chromatography LCMS Software based on latest Windows version capable of controlling the entire LCMS System, data acquisition, processing & storage must be supplied • One software should be capable to control all modules like MS detector, and LC system (pump, auto sampler and etc.) and have capability for report formatting • Possibility to create LC and MS acquisition parameters in a single method, and review results in the Data Browser window • Possibility for simultaneous data collection with a max 64 methods, such as scan, SIM, profile, positive ion, negative ion, CID switching • Autotuning function must be included for sensitivity and resolution optimized for both positive-ion and negative-ion modes <p>Workstation:</p> <ul style="list-style-type: none"> • A suitable manufacturer recommended Computer for system control & data acquisition should be included • It should have following minimum specs: i4 processor, 4GB RAM, , 2 USB Ports • UPS 1200 VA/720W • 24" TFT/LED Color Monitor or equivalent • Keyboard and Optical mouse • Original operating system • Any standard brand LaserJet colour Printer • Installation and Training: • Installation must be provided by manufacturer certified technician (manufacturer training certificate should be added 		
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			<p>to offer) with an experience of installing at least 2 LCMS systems in pharmaceutical field (installed base list must be added to offer)</p> <ul style="list-style-type: none"> • IQ and OQ reports should be generated to meet GLP regulatory requirements during installation and operation by service personnel • Training of 5 or more working days after successful commissioning of the instrument by the service engineer is to be provided <p>ADDITIONAL ACCESORIES AND METHOD DEVELOPMENT MATERIALS</p> <ul style="list-style-type: none"> • HPLC column for recombinant monoclonal antibody glycan profiling length 150mm 1pc • HPLC column USP L1 high quality length 100 mm diameter 2.1 ,particles 3mkm,1pc • Acetonitrile LCMS grade 10L • Methanol LCMS grade 10L • TFA LCMS grade 0.1L • Solvent bottles 1L 4PC • LCMS Vials high quality slit PTFE/Silicon cap 100PC • PTFE syringe filter 0.45 mk 100PC • Trastuzumab or other rMab digest standard 2 Vials <p><u>Warranty:</u> <u>Not less than 2 year should be offered with main system</u></p>		
2.	FTIR Spectrometer	1	<p>General:</p> <ul style="list-style-type: none"> • Table top FTIR spectrometer with durable housing • Mirrors should be gold coated • The optics should be sealed. No purge with dried air or nitrogen should be required • The interface of the spectrometer to the data 	YES	

			<p>system should be Ethernet. Wireless LAN should be optionally available</p> <ul style="list-style-type: none"> • The spectrometer should have an automatic or manual system for dehumidifying and airtight interferometer • Automatic recognition of all different crystal plates for ATR, also from third party manufacturers should be possible • Manufacturer certification: ISO 9001-2008 quality system • fully automated instrument performance tests fulfilling PhEur 2.2.24, PhJP 2.25 and USP <854>. <p>Detector:</p> <ul style="list-style-type: none"> • High sensitivity temperature-controlled detector with high stability against external temperature changes <p>Spectrometer:</p> <ul style="list-style-type: none"> • Spectral range should be at least from 7800 to 350 cm^{-1} or better • Beam splitter should be KBr • Signal-to-noise ratio: > 55,000:1 • Spectral resolution at least 0,20 cm^{-1} • Wavenumber accuracy 0,05 cm^{-1} or better • Light source should be ceramic • <p>ATR module:</p> <ul style="list-style-type: none"> • Single reflection ATR accessory • Equipped with robust diamond crystal • The diamond crystal should be mounted in the plate by soldering • The diamond-ATR crystal should be monolithic • Temperature control should be done via software • Flat sampling plate • Automatic recognition of ATR 		
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			<p>plates and calibrations</p> <ul style="list-style-type: none"> • Equipped with pressure sensor • Possible to analyze powder, liquid, rubber, moldings, films and thin film samples <p>Gas Cell:</p> <ul style="list-style-type: none"> • 10 cm gas cell accessory should be included for analysis of gas samples <p>Software:</p> <ul style="list-style-type: none"> • The spectroscopic spectrometer software should provide wizards for routine applications such as quality control. These wizards should guide the user through the full measurement and evaluation process and should change its appearance at each step for highest convenience • The spectroscopic spectrometer software should control the data acquisition, data control, data evaluation and data reporting • The spectroscopic spectrometer must provide real time display of the infrared spectrum before accumulation of scans • The software must include a spectra comparison function for the verification of material identity • ATR correction function must be available • The software must include macro capability • Quantification method (Lambert-Beer's Law) • Spectral library for pharmaceuticals not less than 500 compounds • Spectral library for at least 10 000-12,000 spectra of polymers, food additives and etc. should be included • Contaminant analysis program should be included • Identification program should be included • Spectra interpretation tool included 		
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			<ul style="list-style-type: none"> • cGMP/GLP compliance, Audit trail included, Multi level user management • The operating software must be validated. • <p>Workstation:</p> <ul style="list-style-type: none"> • A suitable manufacturer recommended Computer for system control & data acquisition should be included • It should have following minimum specs: i4 processor, 4GB RAM, , 2 USB Ports • 24" TFT/LED Color Monitor or equivalent • Keyboard and Optical mouse • Original operating system • Any standard brand LaserJet colour Printer <p>Installation and Training:</p> <ul style="list-style-type: none"> • Installation must be provided by manufacturer certified technician (manufacturer training certificate should be added to offer) with an experience of installing at least 2 spectrometer systems in pharmaceutical field (installed base list must be added to offer) • IQ and OQ reports should be generated to meet GLP regulatory requirements during installation and operation by service personnel • Training of 3 or more working days after successful commissioning of the instrument by the service engineer is to be provided <p><u>Warranty:</u> <u>Standard warranty 1-year should be offered with main system, for IR Source, detector and ATR – 5 years</u></p>		
3.	Nitrogen Generator	1	<p>General:</p> <ul style="list-style-type: none"> • Suitable for LCMS system • Flow rate with up to at least 30 L/min or better 	YES	

			<ul style="list-style-type: none"> • With integrated air compressor • Analytical Grade Nitrogen purity at least 99% • Max pressure up to 116 psi or better • Maximum allowed particles 0.01µm • Noise level not more than 54-56 dB • Phthalate and BHT free • For LCMS <p>Installation and Training:</p> <ul style="list-style-type: none"> • Installation must be provided by manufacturer certified technician (manufacturer training certificate should be added to offer) with an experience of installing at least 2 generator systems (installed base list must be added to offer) • Training of 1 or more working days after successful commissioning of the instrument by the service engineer is to be provided <p><u>Warranty:</u> <u>Standard warranty 1-year should be offered with main system</u></p>		
4.	Analytical balance	1	<ul style="list-style-type: none"> • Weighting capacity at least 220 g • Minimum weight not more than 20 mg • Readability: not more than 0.01 mg • Accuracy: not more than mg • Repeatability: not more than 0.05 mg or better • Linearity: not more than 0.1 mg • Response: time not more than 8 sec • Internal calibration • Pan size at least 90 mm • Chamber height 150- 250 mm • GMP format printer 1PC • HPLC buffer solution preparation mode should be included • Recipe and sample preparation mode should be included 	YES	

			<ul style="list-style-type: none">• Ionizer for removing static electricity should be included• Periodic inspection with external weights should be available• Manufacturer should be ISO 9001 certified or equivalent <p><u>Warranty:</u> <u>Standard warranty 1-year</u></p>		
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Lot 3: Laboratory Equipments				Trademark & Model: Country :	
REQUIRED SPECIFICATIONS				PROPOSED SPECIFICATIONS	
N	Name	Quantity	Technical Parameters	Availability of the Manufacturer Authorization Form/Certificate of Origin (yes/no)	
1.	ICP-OES Spectrometer	1	<p>General:</p> <ul style="list-style-type: none"> • ICP-OES instrument should be Simultaneous Radial and Axial view system consisting of plasma light source, RF generator, spectrometer, measuring and control unit and software, autosampler, peristaltic pump and hydride generator. • Instrument should be compact table top model • It should be able to determine all desired elements in one analytical method pass (all the elements listed should be analyzed in a single standardization and single aspiration of the sample) • Ignition and shut down of the atomization source must be computer controlled and totally automated • • System should have the low total Argon gas consumption- 9-14L/min and low warm up time • ICP-OES should be able to simultaneously analyze up to 70 elements, at least following elements: P, K, Ca, Mg, Na, Ba, Li, Be, Ti, V, Cr, Mn, B, Al, Si, P, S, Ni, Cu, Zn, As, Se, Mo, Pd, Ag, Cd, Sb, Pb, Al, Fe, Co, Hg within 2 minutes or less • The ICP spectrometer should be fully computer controlled including all gas flows, plasma view, ignition, RF power, safety interlocks, troubleshooting and etc. <p>Plasma source:</p> <ul style="list-style-type: none"> • Chamber should be cyclone type made from safe Borosilicate glass • Plasma torch should be made of 	YES	

			<p>quartz</p> <ul style="list-style-type: none"> • Igniter should be tool-free for mounting and demounting it • Gas control should be made via at least 3 computer controlled mass flow controllers (MFC) for plasma, auxiliary and carrier gas • Should be possibility to switch to eco mode for saving gas consumption <p>RF generator:</p> <ul style="list-style-type: none"> • Free running desing solid state RF generator must run at frequency of 27 MHz or 40 MHz with suitable power wattage adjustable from 1.5 kW or higher and can be freely varied • Output stability should be + 0.3% or better • Efficiency should be at least 75% <p>Spectrometer:</p> <ul style="list-style-type: none"> • The spectrophotometer must cover full spectral range from 167nm to 800 nm or wider and capable of multi-element analysis with preferably 1 ppb and at least 10 ppb sensitivity for each element • Optics should be Echelle mounting type • Resolution should be ≤ 0.007 nm or better <p>Measuring and control unit:</p> <ul style="list-style-type: none"> • Instrument should be equipped with CCD (charge-coupled-device) detector with backlight • Detector pixel number should be at least 1024 x 1024 • • Cooling system should be Peltier type or equivalent <p>Peristaltic pump:</p> <ul style="list-style-type: none"> • Instrument should be equipped with at least four channel peristaltic pump for sampling • Sprint valve or equivalent hardware for quick sample uptake or sample rinse. <p>Autosampler:</p> <ul style="list-style-type: none"> • Should have at least 50 sample vials for standard samples of 15-20 ml and at least 6 vials of 50 ml for reagents 		
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			<ul style="list-style-type: none"> • Autosampler vials 15-20 ml, at least 1000 pcs. must be included • Reagent vials appx. 50 ml, at least 10 pcs. must be included <p>Recirculator:</p> <ul style="list-style-type: none"> • Manufacturer recommended cooling recirculation thermostat should be included <p>Hydride Generator:</p> <ul style="list-style-type: none"> • Hydride generator kit should be included for analysis of hydride forming elements like As, Hg, Se, Sb <p>Additional accessories and method development materials</p> <ul style="list-style-type: none"> • Multielement 23 component calibration standard 1g/l 100ml (Ag, Al, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, B, K, Li, Mg, Mn, Na, Ni, Pb, Sr, Tl, Zn for ICP) • Set of PVC-pump tubing for sample 10pc • Consumables Set Standard Kit ICP-OES 1PC • HNO₃ AAS grade 1L • Argon gas 2 x 50 l, since 99.99% up to 99,9999% chemical purity which depends on ICP-OES required parameters and pressure regulator • Software: • Software must be based on Professional Windows 7/10 or equivalent with multi-tasking to make methods, generate reports, spectra and data visualization, control and storage • Should have the possibility to visualize on monitor at least 20 wavelengths profiles and at least 10 calibration curve displays • Should have possibility for qualitative analysis using built-in data base with at least 40 000 or more wavelength entries and with automatic selection of wavelength for each sample • Should have possibility for qualitative analysis with calibration curve method and with standard addition method: <p>Continuous analysis using multiple methods</p>		
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			<p>Setting several wavelengths for each element</p> <p>Background correction</p> <ul style="list-style-type: none"> • Should have possibility to save all data in Echelle mode or only data of selecting wavelength • Software must contain extensive library of emission lines and interferences as well as default settings for each element in different matrices (line favorites) • Should have possibility to export all data and recalculate • Should have integrated diagnostic assistant function <ul style="list-style-type: none"> • The software must continuously monitor gas pressures, safety interlocks, temperatures inside the atomization source and operation of the atomization source. <p>Workstation:</p> <ul style="list-style-type: none"> • A suitable manufacturer recommended Computer for system control & data acquisition should be included • It should have following minimum specs: i5 processor, 16GB RAM, 2 USB Ports • 24" TFT/LED Color Monitor or equivalent • UPS 1200 VA/720W • Keyboard and Optical mouse • Original operating system • Any standard brand LaserJet Printer <p>Installation and Training:</p> <ul style="list-style-type: none"> • Installation must be provided by manufacturer certified technician (manufacturer training certificate should be added to offer) with an 	
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			<p>experience of installing at least 1 spectrometer system (installed base list must be added to offer)</p> <ul style="list-style-type: none"> • IQ and OQ reports should be generated to meet GLP regulatory requirements during installation and operation by service personnel • Training of 5 or more working days after successful commissioning of the instrument by the service engineer is to be provided <p><u>Warranty:</u> <u>Not less than 5 years for optical parts and 2 years for all parts consumables not included</u></p>		
2.	Microwave oven for ICP sample preparation	1	<p>General:</p> <ul style="list-style-type: none"> • Microwave oven should be capable for ICP-OES sample preparation like environmental, food, agriculture, petrochemistry, polymers, plastics and etc., with inorganic and organic matrices • Compact design • Unpulsed Microwave power over the whole range from 0 to at least 850 W using 1 to 2 magnetrons with frequency at least 3455 MHz <p>Cooling:</p> <ul style="list-style-type: none"> • Built-in powerful air cooling system for removal of gases and cooling of vessel without use of external chiller/thermostat in less than 20 minutes (down to at least +70 0C) <p>Rotor and Vessels:</p> <ul style="list-style-type: none"> • Lightweight rotor (not more than 10 kg) with lid and rotor handling system • Should have capacity for at least 12 vessels with volume of at least 50 ml • Vessel material should be high purity PTFE-TFM or equivalent that is resistant to common digestion acids like HF, HCl, HNO₃ • Vessel maximum temperature should be at least up to +300 0C • Vessel temperature in each vessel should be controlled with precise infrared sensor 	YES	

			<ul style="list-style-type: none"> • Vessel maximum pressure should be at least up to 40 bar • Vessels should have pressure activated venting system • Sample amount up to at least 3 g per vessel could be filled • Rotor and at least 12 fully completed vessels should be supplied <p>Controller:</p> <ul style="list-style-type: none"> • Built-in user-friendly controller with color display integrated in the instrument • Should have memory with stored at least 50 methods <p>Installation and Training:</p> <ul style="list-style-type: none"> • Installation must be provided by manufacturer certified technician (manufacturer training certificate should be added to offer) with an experience of installing at least 2 microwave systems (installed base list must be added to offer) • Training of 2 or more working days after successful commissioning of the instrument by the service engineer is to be provided <p><u>Warranty:</u> <u>Standard warranty 2-year should be offered with main system</u></p>		
3.	Ultrasonic bath		<p>ULTRASONIC BATH</p> <ul style="list-style-type: none"> • Volume: Not less than 5L • Temperature range: RT-700C , temperature accuracy + 10C • Material stainless steel : • Timer not less than 0-99min • Stainless steel basket : 1PC • Ultrasonic frequency not less than 40kHz • Installation and qualification • Installation and exploitation <p><u>Warranty:</u> <u>Not less than 1 Years</u></p>	YES	
4.	Programmable vacuum drying oven	1	<p>VACUUM OVEN</p> <ul style="list-style-type: none"> • Volume: Not less than 80L • Temperature range: RT+10 oC - 200 oC • Temperature Resolution: Not more than 0.1 oC • Temperature Fluctuation: Not more than 1 oC 	YES	

			<ul style="list-style-type: none">• Vacuum degree: not less 100Pa• Vacuum Accuracy 1Pa• Digital Vacuum controller :1Pc• Vacuum Pump: chemical resistant• Number of shelves: not less than 2• Vacuum Display LCD• Programmable vacuum and temperature control• Installation and qualification• Installation and exploitation• Required Certifications: ISO 9001 or equivalent <p><u>Warranty:</u> <u>Not less than 1 Years</u></p>		
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4. Drawings

These Bidding Documents includes **no** drawings.

5. Inspections and Tests

The following inspections and tests shall be performed by the Recipient in the Final Places of Destination:

- ⇒ Inspection on correspondence to the Technical Specifications offered in the Bidder's Bid (Conformity to the Technical Specifications) at the final destination point;
- ⇒ Inspection on physical conditions and functionality of the equipment at the final destination point (Defects and Damages inspection).

PART 3 - Contract

Section VIII. General Conditions of Contract

Table of Clauses

1. Definitions.....	115
2. Contract Documents.....	116
3. Fraud and Corruption.....	116
4. Interpretation.....	116
5. Language.....	117
6. Joint Venture, Consortium or Association.....	118
7. Eligibility	118
8. Notices	118
9. Governing Law	118
10. Settlement of Disputes	118
11. Inspections and Audit by the Bank	119
12. Scope of Supply	120
13. Delivery and Documents.....	120
14. Supplier's Responsibilities.....	120
15. Contract Price.....	120
16. Terms of Payment	120
17. Taxes and Duties.....	120
18. Performance Security.....	121
19. Copyright	121
20. Confidential Information	121
21. Subcontracting	122
22. Specifications and Standards	123
23. Packing and Documents.....	123
24. Insurance	123
25. Transportation and Incidental Services.....	124
26. Inspections and Tests	124
27. Liquidated Damages	125
28. Warranty	126

29. Patent Indemnity	126
30. Limitation of Liability.....	128
31. Change in Laws and Regulations.....	128
32. Force Majeure	128
33. Change Orders and Contract Amendments.....	129
34. Extensions of Time	129
35. Termination.....	130
36. Assignment	131
37. Export Restriction	131

Section VIII. General Conditions of Contract

1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

- (a) “Bank” means the World Bank and refers to the International Bank for Reconstruction and Development (IBRD) or the International Development Association (IDA).
- (b) “Contract” means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.
- (c) “Contract Documents” means the documents listed in the Contract Agreement, including any amendments thereto.
- (d) “Contract Price” means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions therefrom, as may be made pursuant to the Contract.
- (e) “Day” means calendar day.
- (f) “Completion” means the fulfillment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.
- (g) “GCC” means the General Conditions of Contract.
- (h) “Goods” means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.
- (i) “Purchaser’s Country” is the country specified in the Special Conditions of Contract (SCC).
- (j) “Purchaser” means the entity purchasing the Goods and Related Services, as specified in the SCC.
- (k) “Related Services” means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.
- (l) “SCC” means the Special Conditions of Contract.

- (m) “Subcontractor” means any person, private or government entity, or a combination of the above, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.
- (n) “Supplier” means the person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.
- (o) “The Project Site,” where applicable, means the place named in the SCC.

2. Contract Documents

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

3. Corrupt and Fraudulent Practices

- 3.1 The Bank requires compliance with its policy in regard to corrupt and fraudulent practices as set forth in Appendix to the GCC.
- 3.2 The Purchaser requires the Supplier to disclose any commissions or fees that may have been paid or are to be paid to agents or any other party with respect to the bidding process or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee.

4. Interpretation

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

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

4.4 Amendment

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

4.5 Nonwaiver

(a) Subject to GCC Sub-Clause 4.5(b) below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

(b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

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

5. Language

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

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

- 6. Joint Venture, Consortium or Association** 6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.
- 7. Eligibility** 7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.
- 7.2 All Goods and Related Services to be supplied under the Contract and financed by the Bank shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.
- 8. Notices** 8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the **SCC**. The term “in writing” means communicated in written form with proof of receipt.
- 8.2 A notice shall be effective when delivered or on the notice’s effective date, whichever is later.
- 9. Governing Law** 9.1 The Contract shall be governed by and interpreted in accordance with the laws of the Purchaser’s Country, unless otherwise specified in the **SCC**.
- 9.2 Throughout the execution of the Contract, the Contractor shall comply with the import of goods and services prohibitions in the Purchaser’s country when
- (a) as a matter of law or official regulations, the Borrower’s country prohibits commercial relations with that country; or
- 9.2 (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower’s Country prohibits any import of goods from that country or any payments to any country, person, or entity in that country.
- 10 Settlement of** 10.1 The Purchaser and the Supplier shall make every effort to

Disputes

resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure **specified in the SCC**.

10.3 Notwithstanding any reference to arbitration herein,

(a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) the Purchaser shall pay the Supplier any monies due the Supplier.

11. Inspections and Audit by the Bank

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

11.2 The Supplier shall permit, and shall cause its Subcontractors to permit, the Bank and/or persons appointed by the Bank to inspect the Supplier's offices and all accounts and records relating to the performance of the Contract and the submission of the bid, and to have such accounts and records audited by auditors appointed by the Bank if requested by the Bank. The Supplier's and its Subcontractors and consultants' attention is drawn to Clause 3 [Fraud and Corruption], which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under this Sub-Clause 11.1 constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures)

- 12. Scope of Supply** 12.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.
- 13. Delivery and Documents** 13.1 Subject to GCC Sub-Clause 33.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the **SCC**.
- 14. Supplier's Responsibilities** 14.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 12, and the Delivery and Completion Schedule, as per GCC Clause 13.
- 15 Contract Price** 15.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the **SCC**.
- 16. Terms of Payment** 16.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the **SCC**.
- 16.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 13 and upon fulfillment of all other obligations stipulated in the Contract.
- 16.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.
- 16.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the bid price is expressed.
- 16.5 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the **SCC**, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the **SCC**, for the period of delay until payment has been made in full, whether before or after judgment or arbitration award.
- 17. Taxes and Duties** 17.1 For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the

Purchaser's Country.

- 17.2 For goods Manufactured within the Purchaser's country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.
- 17.3 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

18. Performance Security

- 18.1 If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the SCC.
- 18.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- 18.3 As specified in the SCC, the Performance Security, if required, shall be denominated in the currency(ies) of the Contract, or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the format stipulated by the Purchaser in the SCC, or in another format acceptable to the Purchaser.
- 18.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.

19. Copyright

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

20. Confidential Information

- 20.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such

information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause 20.

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

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

- (a) the Purchaser or Supplier need to share with the Bank or other institutions participating in the financing of the Contract;
- (b) now or hereafter enters the public domain through no fault of that party;
- (c) can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or
- (d) otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

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

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

21. Subcontracting

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

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

22. Specifications and Standards**22.1 Technical Specifications and Drawings**

- (a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section VI, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.
- (b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.
- (c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause 33.

23. Packing and Documents

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

23.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the **SCC**, and in any other instructions ordered by the Purchaser.

24. Insurance

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

25. Transportation and Incidental Services

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

26. Inspections and Tests

- 26.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the **SCC**.
- 26.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the **SCC**. Subject to GCC Sub-Clause 26.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.
- 26.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 26.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board

and lodging expenses.

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

27. Liquidated Damages

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

deduction of the percentage specified in those **SCC**. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause 35.

28. Warranty

- 28.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.
- 28.2 Subject to GCC Sub-Clause 22.1(b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.
- 28.3 Unless otherwise specified in the **SCC**, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the **SCC**, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.
- 28.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.
- 28.5 Upon receipt of such notice, the Supplier shall, within the period specified in the **SCC**, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.
- 28.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the **SCC**, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

29. Patent Indemnity

- 29.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 29.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design,

trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

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

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

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

- 30 Limitation of Liability**
- 30.1 Except in cases of criminal negligence or willful misconduct,
- (a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and
 - (b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement
- 31. Change in Laws and Regulations**
- 31.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's country where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause 15.
- 32. Force Majeure**
- 32.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 32.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

- 32.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- 33. Change Orders and Contract Amendments**
- 33.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:
- (a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;
 - (b) the method of shipment or packing;
 - (c) the place of delivery; and
 - (d) the Related Services to be provided by the Supplier.
- 33.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.
- 33.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.
- 33.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.
- 34. Extensions of Time**
- 34.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 13, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's

notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

34.2 Except in case of Force Majeure, as provided under GCC Clause 32, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 34.1.

35. Termination

35.1 Termination for Default

- (a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:
 - (i) if the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 34;
 - (ii) if the Supplier fails to perform any other obligation under the Contract; or
 - (iii) if the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in GCC Clause 3, in competing for or in executing the Contract.
- (b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 35.1(a), the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

35.2 Termination for Insolvency.

- (a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect

any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

35.3 Termination for Convenience.

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

36. Assignment

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

**37. Export
Restriction**

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

APPENDIX TO GENERAL CONDITIONS

Bank's Policy- Corrupt and Fraudulent Practices

(text in this Appendix shall not be modified)

Guidelines for Procurement of Goods, Works, and Non-Consulting Services under IBRD Loans and IDA Credits & Grants by World Bank Borrowers, dated January 2011:

“Fraud and Corruption:

1.16 It is the Bank's policy to require that Borrowers (including beneficiaries of Bank loans), bidders, suppliers, contractors and their agents (whether declared or not), sub-contractors, sub-consultants, service providers or suppliers, and any personnel thereof, observe the highest standard of ethics during the procurement and execution of Bank-financed contracts.¹³ In pursuance of this policy, the Bank:

- (a) defines, for the purposes of this provision, the terms set forth below as follows:
 - (i) “corrupt practice” is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;¹⁴;
 - (ii) “fraudulent practice” is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;¹⁵
 - (iii) “collusive practice” is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;¹⁶
 - (iv) “coercive practice” is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;¹⁷

¹³ In this context, any action to influence the procurement process or contract execution for undue advantage is improper.

¹⁴ For the purpose of this sub-paragraph, “another party” refers to a public official acting in relation to the procurement process or contract execution. In this context, “public official” includes World Bank staff and employees of other organizations taking or reviewing procurement decisions.

¹⁵ For the purpose of this sub-paragraph, “party” refers to a public official; the terms “benefit” and “obligation” relate to the procurement process or contract execution; and the “act or omission” is intended to influence the procurement process or contract execution.

¹⁶ For the purpose of this sub-paragraph, “parties” refers to participants in the procurement process (including public officials) attempting either themselves, or through another person or entity not participating in the procurement or selection process, to simulate competition or to establish bid prices at artificial, non-competitive levels, or are guilty to each other's bid prices or other conditions.

- (v) "obstructive practice" is:
- (aa) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or
 - (bb) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 1.16(e) below.
- (b) will reject a proposal for award if it determines that the bidder recommended for award, or any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- (c) will declare misprocurement and cancel the portion of the loan allocated to a contract if it determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement or the implementation of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
- (d) will sanction a firm or individual, at any time, in accordance with the prevailing Bank's sanctions procedures,¹⁸ including by publicly declaring such firm or individual ineligible, either indefinitely or for a stated period of time: (i) to be awarded a Bank-financed contract; and (ii) to be a nominated¹⁹;

¹⁷ For the purpose of this sub-paragraph, "party" refers to a participant in the procurement process or contract execution.

¹⁸ A firm or individual may be declared ineligible to be awarded a Bank financed contract upon: (i) completion of the Bank's sanctions proceedings as per its sanctions procedures, including, inter alia, cross-debarment as agreed with other International Financial Institutions, including Multilateral Development Banks, and through the application the World Bank Group corporate administrative procurement sanctions procedures for fraud and corruption; and (ii) as a result of temporary suspension or early temporary suspension in connection with an ongoing sanctions proceeding. See footnote 14 and paragraph 8 of Appendix 1 of these Guidelines.

¹⁹ A nominated sub-contractor, consultant, manufacturer or supplier, or service provider (different names are used depending on the particular bidding document) is one which has either been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

- (e) will require that a clause be included in bidding documents and in contracts financed by a Bank loan, requiring bidders, suppliers and contractors, and their sub-contractors, agents, personnel, consultants, service providers, or suppliers, to permit the Bank to inspect all accounts, records, and other documents relating to the submission of bids and contract performance, and to have them audited by auditors appointed by the Bank.”

Section IX. Special Conditions of Contract

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

GCC 1.1(i)	The Purchaser's country is: Republic of Armenia
GCC 1.1(j)	The Purchaser is: “Yerevan State University” Foundation
GCC 1.1 (o)	The Project Site(s)/Final Destination(s) is/are: Institute of Pharmacy, “Yerevan State University” Foundation; 1 Alex Manoogian St.; 0025; Yerevan; Republic of Armenia.
GCC 4.2 (a)	The meaning of the trade terms shall be as prescribed by Incoterms. If the meaning of any trade term and the rights and obligations of the parties thereunder shall not be as prescribed by Incoterms, they shall be as prescribed by: Not Applicable.
GCC 4.2 (b)	The version edition of Incoterms shall be Incoterms 2010.
GCC 5.1	The language shall be: English
GCC 8.1	For notices , the Purchaser's address shall be: Attention: Ms. Anna Mkrtchyan Street Address: 1 Alex Manoogian; “Yerevan State University” Foundation Floor/ Room number: I-st floor, 210, Central building City: Yerevan ZIP Code: 0025 Country: Republic of Armenia Telephone: +374 60 70009 Facsimile number: +374 60 700410 Electronic mail address: gnumner@mail.ru or anna_mkrtchyan@ysu.am , annamkrtchyan86@gmail.com
GCC 9.1	The governing law shall be the law of : Republic of Armenia

<p>GCC 10.2</p>	<p>The rules of procedure for arbitration proceedings pursuant to GCC Clause 10.2 shall be as follows:</p> <p><i>(a) Contract with foreign Supplier:</i></p> <p>GCC 10.2 (a)—Any dispute, controversy or claim arising out of or relating to this Contract, or breach, termination or invalidity thereof, shall be settled by arbitration in accordance with the UNCITRAL Arbitration Rules as at present in force.</p> <p><i>(b) Contracts with Supplier national of the Purchaser's country:</i></p> <p>In the case of a dispute between the Purchaser and a Supplier who is a national of the Purchaser's country, the dispute shall be referred to adjudication or arbitration in accordance with the laws of the Purchaser's country.</p>
<p>GCC 13.1</p>	<p>For Goods supplied from abroad:</p> <p>Upon shipment, the Supplier shall notify the Purchaser and the Insurance Company by fax the full details of the shipment, including Contract number, description of Goods, quantity, the vessel, the bill of lading number and date, port of loading, date of shipment, port of discharge, etc. The Supplier shall mail the following documents to the Purchaser, with a copy to the Insurance Company:</p> <p>(i) Copies of the Supplier's invoice showing date and sequential number of the invoice, Supplier's and Purchaser's names and addresses, Goods' description and specifications, quantity, unit price, and total amount, as provided in the Supplier's Price Schedule, costs of loading, unloading, transportation and insurance up to the Purchaser's country customs office (in separate lines), as well as prepayments received;</p> <p>(ii) Original and 2 copies of the negotiable, clean, on-board bill of lading marked "freight prepaid" and 2 copies of nonnegotiable bill of lading;</p> <p>(iii) Copies of the packing list identifying contents and weights of each package;</p> <p>(iv) Insurance certificate;</p> <p>(v) Manufacturer's or Supplier's warranty certificate;</p> <p>(vi) Certificate of origin.</p> <p>The above documents shall be fully compliant to the descriptions given above and be received by the Purchaser at least one week before arrival of the Goods at the port or place of arrival and, if not, the Supplier will be</p>

	<p>responsible for any consequent expenses.</p> <p>Right after customs clearance of the Goods the Purchaser will give them back to the Supplier by an acceptance letter for further fulfillment of Supplier's obligations such as in-land transportation to final destination points given in the Schedule of Delivery, installation, etc.</p> <p>For Goods supplied from within the Purchaser's country:</p> <p>Upon delivery of the Goods to the transporter, the Supplier shall notify the Purchaser and mail the following documents to the Purchaser:</p> <ul style="list-style-type: none"> (i) copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount; (ii) Manufacturer's or Supplier's warranty certificate; (iii) Certificate of origin. <p>The above documents shall be received by the Purchaser before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.</p>
<p>GCC 15.1</p>	<p>The prices charged for the Goods supplied and the related Services performed shall not be adjustable.</p>
<p>GCC 16.1</p>	<p>Payment for Goods supplied from abroad:</p> <p>Payment of foreign currency portion shall be made in currency of the Bid in the following manner:</p> <ul style="list-style-type: none"> (i) Advance Payment: Ten (10) percent of the Contract Price shall be paid within thirty (30) days of signing of the Contract, and upon submission of claim and a bank guarantee for equivalent amount valid until the Goods are delivered and in the form provided in the bidding documents or another form acceptable to the Purchaser. (ii) On Shipment: Eighty (80) percent of the Contract Price of the Goods shipped shall be paid through Bank transfer or irrevocable confirmed letter of credit opened in favor of the Supplier in a bank in its country, upon submission of documents specified in GCC Clause 13. (iii) On Acceptance: Ten (10) percent of the Contract Price of Goods received shall be paid within thirty (30) days of receipt of the Goods upon submission of claim supported by the acceptance certificate issued by the Purchaser. <p>Payment of local currency portion shall be made in AMD within</p>

	<p>thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed.</p> <p>Payment for Goods and Services supplied from within the Purchaser's country:</p> <p>Payment for Goods and Services supplied from within the Purchaser's country shall be made in AMD, as follows:</p> <ul style="list-style-type: none"> (i) Advance Payment: Ten (10) percent of the Contract Price shall be paid within thirty (30) days of signing of the Contract against a simple receipt and a bank guarantee for the equivalent amount and in the form provided in the bidding documents or another form acceptable to the Purchaser. (ii) On Delivery: Eighty (80) percent of the Contract Price shall be paid on receipt of the Goods and upon submission of the documents specified in GCC Clause 13. (i) On Acceptance: The remaining ten (10) percent of the Contract Price shall be paid to the Supplier within thirty (30) days after the date of the acceptance certificate for the respective delivery issued by the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed.
GCC 16.5	<p>The payment-delay period after which the Purchaser shall pay interest to the supplier shall be 90 (ninety) days.</p> <p>The interest rate that shall be applied is 0.1 % per week</p>
GCC 18.1	<p>A Performance Security shall be required.</p> <p>The amount of the Performance Security shall be: ten percent (10%) of the Contract Price.</p> <p><i>After delivery and acceptance of the Goods, the performance security shall be reduced to two percent (2%) of the Contract Price to cover the Supplier's warranty obligations in accordance with Clause GCC 28.1</i></p>
GCC 18.3	<p>The Performance Security shall be in the form of : a Bank Guarantee</p> <p>The Performance security shall be denominated in <i>the currencies of payment of the Contract, in accordance with their portions of the Contract Price.</i></p>

GCC 18.4	Discharge of the Performance Security shall take place: No any additional requirements.
GCC 23.2	The packing, marking and documentation within and outside the packages shall be: No any additional requirements.
GCC 24.1	The insurance coverage shall be as specified in the Incoterms.
GCC 25.1	Responsibility for transportation of the Goods shall be as specified in the Incoterms 2010.
GCC 25.2	Incidental services to be provided are: (a) and (e)
GCC 26.1	The inspections and tests shall be: <ul style="list-style-type: none"> • Inspection on correspondence to the Technical Specifications offered in the Supplier’s Bid (Conformity to the Technical Specifications) at the final destination points; • Inspection on physical conditions and functionality of the equipment at the final destination points (Defects and Damages Inspection).
GCC 26.2	The Inspections and tests shall be conducted at: Institute of Pharmacy of Yerevan State University
GCC 27.1	The liquidated damage shall be: 0.5% per week for delayed goods
GCC 27.1	The maximum amount of liquidated damages shall be: not exceed 10%
GCC 28.3	The period of validity of the Warranty shall be: <p style="text-align: center;">For Lot 1</p> <ol style="list-style-type: none"> 1. HPLC with PDA detector –2 (two) years 2. GC with FID and ECD detectors -2 (two) years 3. Ion chromatography system -2 (two) years <p style="text-align: center;">For Lot 2</p> <ol style="list-style-type: none"> 1. LCMS system- 2 (two) years 2. FTIR Spectrometer – 1 (one) year 3. Nitrogen Generator - 1 (one) year 4. Analytical balance - 1 (one) year <p style="text-align: center;">For Lot 3</p> <ol style="list-style-type: none"> 1. ICP-OES Spectrometer – 5 (five) years 2. Microwave oven for ICP sample preparation -2 (two) years 3. Ultrasonic bath -1 (one) year 4. Programmable vacuum drying oven - 1 (one) years

	For purposes of the Warranty, the place of final destination shall be: Institute of Pharmacy, “Yerevan State University” Foundation
GCC 28.5	The period for repair or replacement shall be: 30 d ays.

Section X. Contract Forms

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

Table of Forms

Letter of Acceptance	144
1. Contract Agreement	145
2. Performance Security	147
3. Advance Payment Security	151

Letter of Acceptance

[letterhead paper of the Purchaser]

[date]

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

Subject: **Notification of Award Contract No.**

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

You are requested to furnish the Performance Security within 28 days in accordance
with the Conditions of Contract, using for that purpose the of the Performance Security
Form included in Section X, Contract Forms, of the Bidding Document.

Authorized Signature: _____
Name and Title of Signatory: _____
Name of Agency: _____

Attachment: Contract Agreement

Contract Agreement

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

THIS AGREEMENT made

the *[insert: **number**]* day of *[insert: **month**]*, *[insert: **year**]*.

BETWEEN

- (1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of of the Government of { insert name of Country of Purchaser }, or corporation incorporated under the laws of { insert name of Country of Purchaser }]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called “the Purchaser”), of the one part, and
- (2) *[insert name of Supplier]*, a corporation incorporated under the laws of *[insert: country of Supplier]* and having its principal place of business at *[insert: address of Supplier]* (hereinafter called “the Supplier”), of the other part :

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services

The Purchaser and the Supplier agree as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other contract documents.
 - (a) the Letter of Acceptance
 - (b) the Letter of Bid
 - (c) the Addenda Nos. _____ (if any)
 - (d) Special Conditions of Contract
 - (e) General Conditions of Contract
 - (f) the Specification (including Schedule of Requirements and Technical Specifications)

- (g) the completed Schedules (including Price Schedules)
 - (h) any other document listed in GCC as forming part of the Contract
3. In consideration of the payments to be made by the Purchaser to the Supplier as specified in this Agreement, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
 4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*
in the capacity of *[insert title or other appropriate designation]*
in the presence of *[insert identification of official witness]*

For and on behalf of the Supplier

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

Performance Security

Option 1: (Bank Guarantee)

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

[Guarantor letterhead or SWIFT identifier code]

Beneficiary: *[insert name and Address of Purchaser]*

Date: *_ [Insert date of issue]*

PERFORMANCE GUARANTEE No.: *[Insert guarantee reference number]*

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

We have been informed that *_ [insert name of Supplier, which in the case of a joint venture shall be the name of the joint venture]* (hereinafter called "the Applicant") has entered into Contract No. *[insert reference number of the contract]* dated *[insert date]* with the Beneficiary, for the supply of *_ [insert name of contract and brief description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Applicant, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of *[insert amount in figures]* (*[insert amount in words]*),¹ such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its obligation(s) under the Contract, without the Beneficiary needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire, no later than the Day of, 2...², and any demand for payment under it must be received by us at this office indicated above on or before that date.

¹ *The Guarantor shall insert an amount representing the percentage of the Accepted Contract Amount specified in the Letter of Acceptance, and denominated either in the currency(ies) of the Contract or a freely convertible currency acceptable to the Beneficiary.*

² *Insert the date twenty-eight days after the expected completion date as described in GC Clause 18.4. The Purchaser should note that in the event of an extension of this date for completion of the Contract, the Purchaser would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee. In preparing this guarantee, the Purchaser might consider adding the following text to the form, at the end of the penultimate paragraph: "The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed*

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No. 758, except that the supporting statement under Article 15(a) is hereby excluded.

[signature(s)]

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

[six months][one year], in response to the Beneficiary's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee."

Option 2: Performance Bond

By this Bond [*insert name of Principal*] as Principal (hereinafter called “the Supplier”) and [*insert name of Surety*] as Surety (hereinafter called “the Surety”), are held and firmly bound unto [*insert name of Purchaser*] as Obligee (hereinafter called “the Supplier”) in the amount of [*insert amount in words and figures*], for the payment of which sum well and truly to be made in the types and proportions of currencies in which the Contract Price is payable, the Supplier and the Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Contractor has entered into a written Agreement with the Purchaser dated the _____ day of _____, 20 ____, for [*name of contract and brief description of Goods and related Services*] in accordance with the documents, plans, specifications, and amendments thereto, which to the extent herein provided for, are by reference made part hereof and are hereinafter referred to as the Contract.

NOW, THEREFORE, the Condition of this Obligation is such that, if the Supplier shall promptly and faithfully perform the said Contract (including any amendments thereto), then this obligation shall be null and void; otherwise, it shall remain in full force and effect. Whenever the Supplier shall be, and declared by the Purchaser to be, in default under the Contract, the Purchaser having performed the Purchaser’s obligations thereunder, the Surety may promptly remedy the default, or shall promptly:

- (1) complete the Contract in accordance with its terms and conditions; or
- (2) obtain a Bid or bids from qualified Bidders for submission to the Purchaser for completing the Contract in accordance with its terms and conditions, and upon determination by the Purchaser and the Surety of the lowest responsive Bidder, arrange for a Contract between such Bidder and Purchaser and make available as work progresses (even though there should be a default or a succession of defaults under the Contract or Contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the Balance of the Contract Price; but not exceeding, including other costs and damages for which the Surety may be liable hereunder, the amount set forth in the first paragraph hereof. The term “Balance of the Contract Price,” as used in this paragraph, shall mean the total amount payable by Purchaser to Supplier under the Contract, less the amount properly paid by Purchaser to Contractor; or
- (3) pay the Purchaser the amount required by Purchaser to complete the Contract in accordance with its terms and conditions up to a total not exceeding the amount of this Bond.

The Surety shall not be liable for a greater sum than the specified penalty of this Bond.

Any suit under this Bond must be instituted before the expiration of one year from the date of the issuing of the Taking-Over Certificate.

No right of action shall accrue on this Bond to or for the use of any person or corporation other than the Purchaser named herein or the heirs, executors, administrators, successors, and assigns of the Purchaser.

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

SIGNED ON _____ on behalf of _____

By _____ in the capacity of _____

In the presence of _____

SIGNED ON _____ on behalf of _____

By _____ in the capacity of _____

In the presence of _____

Advance Payment Security

[Guarantor letterhead or SWIFT identifier code]

Beneficiary:*[Insert name and Address of Purchaser]*

Date: *[Insert date of issue]*

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

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

We have been informed that *[insert name of Supplier, which in the case of a joint venture shall be the name of the joint venture]* (hereinafter called “the Applicant”) has entered into Contract No. *[insert reference number of the contract]* dated *[insert date]* with the Beneficiary, for the execution of *[insert name of contract and brief description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, an advance payment in the sum *[insert amount in figures]* () *[insert amount in words]* is to be made against an advance payment guarantee.

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

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

¹ *The Guarantor shall insert an amount representing the amount of the advance payment and denominated either in the currency(ies) of the advance payment as specified in the Contract, or in a freely convertible currency acceptable to the Purchaser.*

A demand under this guarantee may be presented as from the presentation to the Guarantor of a certificate from the Beneficiary's bank stating that the advance payment referred to above has been credited to the Applicant on its account number *[insert number]* at *[insert name and address of Applicant's bank]*.

The maximum amount of this guarantee shall be progressively reduced by the amount of the advance payment repaid by the Applicant as specified in copies of interim statements or payment certificates which shall be presented to us. This guarantee shall expire, at the latest, upon our receipt of a copy of the interim payment certificate indicating that ninety (90) percent of the Accepted Contract Amount, has been certified for payment, or on the *[insert day]* day of *[insert month]*, 2 *[insert year]*, whichever is earlier. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No.758, except that the supporting statement under Article 15(a) is hereby excluded.

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[signature(s)]

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

Invitation for Bids

COUNTRY: Republic of Armenia

NAME OF PROJECT: *Education Improvement Project*

IBRD Loan No. **8342-AM**;

IDA Credit No. **5387-AM**

Contract Title: Establishment of an Educational and Scientific Center of Quality Control and Monitoring of Drugs

Reference No. YSUICB -1/2020

1. The *Republic of Armenia* has received financing from the World Bank toward the cost of the *Education Improvement Project*, and intends to apply part of the proceeds toward payments under the *contract for the Establishment of an Educational and Scientific Center of Quality Control and Monitoring of Drugs conducted by the Yerevan State University Foundation under CIF grant project*.
2. The “*Yerevan State University*” Foundation now invites sealed bids from eligible bidders for the Establishment of an Educational and Scientific Center of Quality Control and Monitoring of Drugs:
 - *LOT 1 (Analytical Laboratory Equipment 1)*
 - *LOT 2 (Analytical Laboratory Equipment 2)*
 - *LOT 3 (Analytical Laboratory Equipment 3)*

The detailed description and requirements of the Goods are specified in the **Section VII Schedule of Requirements** of the Bidding Documents.

Bids will be evaluated on a per lot basis. Discounts, if any, offered for each lot will be considered in the evaluation of bids. Discounts for combined lots will be taken into account in evaluation of bids.

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

The main qualification criteria:

The Bidder should demonstrate soundness of its financial position and ownership of financial resources necessary to handle the requirements of the proposed Contract. Specifically, it should prove through submission of Audit Reports inclusive Auditors’ Opinion(s) and attached Notes to the financial statements for previous three years: 2016; 2017; 2018; ensuring that:

(i) Its average annual revenue for the previous three years (2016-2018) should be at least equal to the value of the bid. In order to qualify for more than one lot, bidders shall meet the aggregate requirement for relevant lots.

(ii) Its average Total Assets-to-Total Liabilities (net of equity) ratio for the previous three years (2016-2018) should be greater than 1

In case of JV:

i. Each member of the JV shall submit: Audit Reports inclusive Auditors' Opinion(s) and attached Notes to the financial statements for previous three years: 2016; 2017; 2018.

ii. JV shall meet the following requirements:

- Average annual revenue for the previous three years (2016-2018) should be at least equal to the value of the bid. In order to qualify for more than one lot, bidders shall meet the aggregate requirement for relevant lots.
- Its average Total Assets-to-Total Liabilities (net of equity) ratio for the previous three years (2016-2018) should be greater than 1

(ii) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

i. The Bidder should be a legally registered entity. In this regard the Bidder is required to submit copies of State Registration Certificate and Charter.

ii. The Bidder should have been in the business of laboratory equipment supply for a minimum period of 5 years (starting from January 1 2015). In this regard the Bidder is required to submit a statement representing the list of contracts performed by the Bidder started from January 1, 2015 and completed before the bid submission deadline, specifying the contractor, contract price, duration and type of laboratory equipment.

iii. The Bidder should have successfully implemented at least 2 contracts of laboratory equipment supply: started from January 1, 2015 and completed before the bid submission deadline for each submitted lot with at least the same total amount of each contract no less than the amount submitted for the current lot. The Bidder should provide copies of contracts, invoices and final acceptance acts (with supplied items, quantities and amount per item) ensuring the appropriate laboratory equipment supply and acceptance signed and stamped by the purchaser for those contracts.

In case of JV:

i. Each member of the JV shall submit copies of State Registration Certificate and Charter.

ii. Each member of the JV should have been in the business of laboratory equipment supply at least from January 1, 2015. In this regard the Bidder is required to submit a statement

representing the list of contracts performed by the Bidder started from January 1, 2015 and completed before the bid submission deadline, specifying the contractor, contract price, duration and type of laboratory equipment.

iii. The JV should have successfully implemented at least 2 contracts of laboratory equipment supply: started from January 1, 2015 and completed before the bid submission deadline for each submitted lot with at least the same total amount of each contract no less than the amount submitted for the current lot. The Bidder should provide copies of contracts, invoices and final acceptance acts (with supplied items, quantities and amount per item) ensuring the appropriate laboratory equipment supply and acceptance signed and stamped by the purchaser for those contracts.

The Bidder to be awarded more than one lot must have implemented at least two different contracts of laboratory equipment supply for each awarded lot with at least with the same total amount of each contract no less than the awarded amount: to be awarded 2 lots the Bidder shall have completed at least 4 different contracts with the above mentioned requirements or at least 2 contracts each with the total amount of the Lots; and to be awarded all 3 lots the Bidder shall have completed at least 6 different contracts with the above mentioned requirements or at least 2 contracts each with the total amount of the Lots.

(iii) Documentary Evidence

The Bidder shall furnish documentary evidence to demonstrate that the Goods it offers meet the following usage requirement:

Technical and performance characteristics and detailed description of the Goods offered meet technical specification requirements of the Section VII Schedule of Requirements.

Bidders may bid for one or several lots, as further defined in the bidding document. Bidders wishing to offer discounts in case they are awarded more than one contract will be allowed to do so, provided those discounts are included in the Letter of Bid.

3. Bidding will be conducted through the International Competitive Bidding procedures as specified in the World Bank's *Guidelines: Procurement of Goods, Works and Non-Consulting Services under IBRD Loans and IDA Credits & Grants by World Bank Borrowers January 2011* ("Procurement Guidelines"), and is open to all eligible bidders as defined in the Procurement Guidelines. In addition, please refer to paragraphs 1.6 and 1.7 setting forth the World Bank's policy on conflict of interest.

4. Interested eligible bidders may obtain further information from *YSU Institute of Pharmacy project coordinator Anna Mkrtchyan* (anna_mkrtchyan@ysu.am, annamkrtchyan86@gmail.com) and inspect the bidding documents during office hours from 09.00 a.m. to 17:00 p.m. except Saturdays and Sundays, as well as National Holidays at the address given below.

5. A complete set of bidding documents (**only in electronic format**) in **English** may be obtained by interested eligible bidders free of charge upon submission of a written application to the anna_mkrтчyan@ysu.am, annamkrтчyan86@gmail.com, gnumner.eph@mail.ru e-mail address (the bidding documents will be delivered to the interested bidders via file transfer system).

6. Bids must be delivered to the address below on **13:00 (Local Time) on March 24, 2020**. Electronic bidding **will not** be permitted. Late bids will be rejected. Bids will be publicly opened in the presence of the bidders' designated representatives and anyone who choose to attend at the address below on **March 24, 2020**, at 13:00 p.m. (local time).

7. All bids must be accompanied by a **Bid Security** of not less than the below listed amounts or an equivalent amount in a freely convertible currency for each lot:

Lot 1: US\$ 3300

Lot 2: US\$ 3000

Lot 3: US\$ 1800

A bidder who chooses to submit bid for more than one lot should submit separate bid security for each lot.

8. The address(es) referred to above is(are):

1 Alex Manoogian St.(central building), 2nd floor, 210 room

Attn: Project Coordinator, Anna Mkrтчyan

1 Alex Manoogian St., 0025, Yerevan, Republic of Armenia

Tel: +374 98 091135, +374 60 710427

Fax: +374 60 710410

E-mail: gnumner.eph@mail.ru, anna_mkrтчyan@ysu.am or annamkrтчyan86@gmail.com

Web site: www.ysu.am

AMENDMENT No 1

to

BIDDING DOCUMENTS

**Procurement of Laboratory Analytical
Equipment for Institute of Pharmacy of
the Yerevan State University**

ICB No: YSUICB -1/2020

Project: Education Improvement Project

Purchaser: “Yerevan State University” Foundation

Country: Republic of Armenia

The following paragraphs of Section II. Bid Data Sheet (BDS) are modified and will now read:

D. Submission and Opening of Bids	
ITB 22.1	<p>For <u>bid submission purposes</u> only, the Purchaser's address is: Attention: Ms. Anna Mkrtchyan Street Address: 1 Alex Manoogian St. "Yerevan State University" Foundation Floor/ Room number: 210, Central Building City: Yerevan ZIP/Postal Code: 0025 Country: Republic of Armenia The deadline for bid submission is: Date: 24 March 2020 Time: 13:00 (Local Time) Bidders shall not have the option of submitting their bids electronically.</p>
ITB 25.1	<p>The bid opening shall take place at: Street Address: Alex Manoogian 1 Floor/ Room number: 210 City: Yerevan Country: Republic of Armenia Date: 24 March 2020 Time: 13:00 (Local Time)</p>

ALL OTHER TERMS AND CONDITIONS OF THE DOCUMENT REMAIN UNCHANGED.

AMENDMENT No 2

to

BIDDING DOCUMENTS

**Procurement of Laboratory Analytical
Equipment for Institute of Pharmacy of
the Yerevan State University**

ICB No: YSUICB -1/2020

Project: Education Improvement Project

Purchaser: “Yerevan State University” Foundation

Country: Republic of Armenia

The following paragraphs of Section VII. Schedule of Requirements are modified and will now read:

Lot 1: Laboratory Equipments				Trademark & Model:	Country :
REQUIRED SPECIFICATIONS				PROPOSED SPECIFICATIONS	
N	Name	Quantity	Technical Parameters	Availability of the Manufacturer Authorization Form/Certificate of Origin (yes/no)	
3.	Ion chromatography system	1	<p>General:</p> <ul style="list-style-type: none"> • Ion Chromatography (IC) system should be suitable for cation and anion analysis; • IC should consist of pumps with degasser, column oven, automatic sample changer, CCD detector and suppressor system • Full system should be from the single vendor and no refurbished parts are allowed to be added to the system • System should have GLP/GMP compliance and should meet FDA 21 CFR Part 11 guidelines. The system should enable for audit trails, and other requirements related to GLP compliance • IQ and OQ reports should be generated to meet GLP regulatory requirements during installation and operation by service personnel • All the specifications mentioned below should be in the printed brochure of the company or on the company website and the technical specifications should be quoted with the manufacturer part number where possible • Solvent delivery system: <ul style="list-style-type: none"> • Quaternary low pressure gradient mixing system • Minimum 4 (four) solvent capability • Vacuum Degasser with at least one channel per solvent and one channel for rinsing solution • Flow rate from 0.0001 to at least 10,000 ml/min or better • System back pressure of minimum 9000 psi or better • Flow rate accuracy $\pm 1.0\%$ or better • Flow precision 0.06% RSD or ± 0.02min SD, whichever is greater • System should have the gradient delay volume 650μl or better • Gradient concentration accuracy + 0.5% or better • The pump must be able to delivery gradients with 11 (eleven) gradient curve shapes (linear, step, convex, concave) • Conductivity detector: • Built-in validation support functions help you comply with GLP/GMP regulations 	YES	

			<ul style="list-style-type: none"> • Measurement range from at least 0.01 – 51,000 $\mu\text{S cm}^{-1}$ • Noise level not more than 4 nS cm⁻¹ • Drift less than 25 nS cm⁻¹ • Cell volume not more than 0.25 μl • Max pressure not less than 400 psi • Column oven: • Column compartment temperature range from at least 10 °C below ambient or less to up to 85°C or above • Temperature control precision should be + 0.1°C or better • Column compartment should be able to accommodate at least three columns with the length of 30 cm • Automatic sample changer: • Should be thermostated with temperature range from at least +40 °C to +4°C Minimum injection volume range from 0.1μl to 50 μL or better • Sample Capacity: must be able to accommodate at least 100 (one hundred) of the standard 1.5- 2-mL vials • Programmable needle wash • Carryover 0.0015 % or better for caffeine • Injection volume accuracy: 1.0 % or better • Injection volume precision RSD < 0.25% or better • Injection cycle time 25 sec or less • Suppressor: • Efficient membrane suppression of the background conductivity and noise by converting conductive eluents to neutral solution • Should enables anion analysis in the low ppm and ppb range • Should be minimum 2 installed and simultaneously working independent channels for suppressing the background electrical conductivity of the eluent • Column: • 2X250mm anion separation column with not less than 8μm particle size 1pc • 2X50mm guard column for anion separation with not less than 8μm particle size, 1pc Guard cartridge holder,. 1 pc. • 2X250mm cation separation column with not less than 8μm particle size 1pc • 2X50mm guard column for cation separation with not less than 8μm particle size 1pc • Anion Suppressor 2 pc • Standards: • Six cation standard solution certified ISO 17034 or eq.1pc • Seven anion standard solution certified ISO 17034 or eq.1pc • Vials and standards: • Standard autosampler clear glass vial 12 x 32mm with 9 mm screw type PP (polypropylene) cap and PTFE/Silicon septa. 10 packs of 100/PK • PTFE syringe filter 0.45 μm 100PC • Mobile Phase management: • Solvent bottle rack must be included • Solvent glass bottles, at least 1L volume (minimum four) must be included • Solvent supply and waste safety kit: • safety cap with 1 connection, 1 pc. • safety cap with 4 connections, 3 pcs. • waste canister, at least 4 L volume with exhaust filter, 1 pc. • air valve for venting, 10 pcs. • Software: • Standard Licensed Chromatography Software based on latest Windows version capable of controlling the entire 		
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			<p>HPLC System, data acquisition, analysis & storage</p> <ul style="list-style-type: none"> The chromatography software should be capable to control all modules such as pump, auto sampler, detector and others and have capability to robust peak integration, report formatting, qualitative and quantitative processing with effective detection of low level peaks on noisy or sloping baseline. Workstation: A suitable manufacturer recommended Computer for system control & data acquisition should be included It should have following minimum specs: i4 processor, 4 GB RAM,, 2 USB Ports 24" TFT/LED Color Monitor or equivalent Keyboard and Optical mouse Original operating system Any standard brand LaserJet colour Printer Installation and Training: Installation must be provided by manufacturer certified technician (manufacturer training certificate should be added to offer) with an experience of installing at least 5 HPLC systems (installed base list must be added to offer) IQ and OQ reports should be generated to meet GLP regulatory requirements during installation and operation by service personnel Training of 3 or more working days after successful commissioning of the instrument by the service engineer is to be provided <p><u>WARRANTY</u></p> <p><u>Standard warranty 2-year should be offered with main system</u></p>		
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Lot 3: Laboratory Equipments				Trademark & Model: Country :	
REQUIRED SPECIFICATIONS				PROPOSED SPECIFICATIONS	
N	Name	Quantity	Technical Parameters	Availability of the Manufacturer Authorization Form/Certificate of Origin (yes/no)	
2.	Microwave oven for ICP sample preparation	1	<p>General:</p> <ul style="list-style-type: none"> Microwave oven should be capable for ICP-OES sample preparation like environmental, food, agriculture, petrochemistry, polymers, plastics and etc., with inorganic and organic matrices Compact design Unpulsed Microwave power over the whole range from 0 to at least 	YES	

			<p>850 W using 1 to 2 magnetrons with frequency at least 3455 MHz</p> <p>Cooling:</p> <ul style="list-style-type: none"> Built-in powerful air cooling system for removal of gases and cooling of vessel without use of external chiller/thermostat in less than 20 minutes (down to at least +70 °C) <p>Rotor and Vessels:</p> <ul style="list-style-type: none"> Lightweight rotor (not more than 10 kg) with lid and rotor handling system Should have capacity for at least 12 vessels with volume of at least 50 ml Vessel material should be high purity PTFE-TFM or equivalent that is resistant to common digestion acids like HF, HCl, HNO₃ Vessel maximum temperature should be at least up to +300 °C Vessel temperature in each vessel should be controlled with precise infrared sensor Vessel maximum pressure should be at least up to 40 bar Vessels should have pressure activated venting system Sample amount up to at least 3 g per vessel could be filled Rotor and at least 12 fully completed vessels should be supplied <p>Controller:</p> <ul style="list-style-type: none"> Built-in user-friendly controller with color display integrated in the instrument Should have memory with stored at least 50 methods <p>Installation and Training:</p> <ul style="list-style-type: none"> Installation must be provided by manufacturer certified technician (manufacturer training certificate should be added to offer) with an experience of installing at least 2 microwave systems (installed base list must be added to offer) Training of 2 or more working days after successful commissioning of the instrument by the service engineer is to be provided <p><u>Warranty:</u></p> <p><u>Standard warranty 2-year should be offered with main system</u></p>		
3.	Ultrasonic bath		ULTRASONIC BATH	YES	

			<ul style="list-style-type: none"> • Volume: Not less than 5L • Temperature range: RT- 70°C , temperature accuracy + 10C • Material stainless steel : • Timer not less than 0-99min • Stainless steel basket : 1PC • Ultrasonic frequency not less than 40kHz • Installation and qualification • Installation and exploitation <p><u>Warranty:</u> <u>Not less than 1 Years</u></p>		
4.	Programmable vacuum drying oven	1	<p>VACUUM OVEN</p> <ul style="list-style-type: none"> • Volume: Not less than 80L • Temperature range: RT+10 °C - 200 °C • Temperature Resolution: Not more than 0.1 °C • Temperature Fluctuation: Not more than 1 °C • Vacuum degree: not less 100Pa • Vacuum Accuracy 1Pa • Digital Vacuum controller :1Pc • Vacuum Pump: chemical resistant • Number of shelves: not less than 2 • Vacuum Display LCD • Programmable vacuum and temperature control • Installation and qualification • Installation and exploitation • Required Certifications: ISO 9001 or equivalent <p><u>Warranty:</u> <u>Not less than 1 Years</u></p>	YES	

The following paragraphs of Section IX. Special Conditions of Contract are modified and will now read:

GCC 28.3	<p>The period of validity of the Warranty shall be:</p> <p style="text-align: center;">For Lot 1</p> <ol style="list-style-type: none"> 1. PLC with PDA detector –2 (two) years 2. C with FID and ECD detectors -2 (two) years 3. on chromatography system -2 (two) years <p style="text-align: center;">For Lot 2</p>
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1. LCMS system- 2 (two) years
2. FTIR Spectrometer – 1 (one) year
3. Nitrogen Generator - 1 (one) year
4. Analytical balance - 1 (one) year

For Lot 3

1. ICP-OES Spectrometer – 5 (five) years for optical parts and 2 (two) years for all parts consumables not included
2. Microwave oven for ICP sample preparation -2 (two) years
3. Ultrasonic bath -1 (one) year
4. Programmable vacuum drying oven - 1 (one) years

For purposes of the Warranty, the place of final destination shall be:
Institute of Pharmacy, “Yerevan State University” Foundation

ALL OTHER TERMS AND CONDITIONS OF THE DOCUMENT REMAIN UNCHANGED.

AMENDMENT No 3

to

BIDDING DOCUMENTS

Procurement of Laboratory Analytical
Equipment for Institute of Pharmacy of
the Yerevan State University

**Postpone the deadline for
submitting Bid for ICB YSUICB -
1/2020**

ICB No: YSUICB -1/2020

Project: Education Improvement Project

Purchaser: “Yerevan State University” Foundation

Country: Republic of Armenia

The following paragraphs of Section II. Bid Data Sheet (BDS) and invitation for bids are modified and will now read:

	D. Submission and Opening of Bids
ITB 22.1	<p>For bid submission purposes only, the Purchaser's address is: Attention: Ms. Anna Mkrtchyan Street Address: 1 Alex Manoogian St. "Yerevan State University" Foundation Floor/ Room number: 210, Central Building City: Yerevan ZIP/Postal Code: 0025 Country: Republic of Armenia The deadline for bid submission is: Date: 27 April 2020 Time: 13:00 (Local Time) Bidders shall not have the option of submitting their bids electronically.</p>
ITB 25.1	<p>The bid opening shall take place at: Street Address: Alex Manoogian 1 Floor/ Room number: 210 City: Yerevan Country: Republic of Armenia Date: 27 April 2020 Time: 13:00 (Local Time)</p>

Invitation for Bids

COUNTRY: Republic of Armenia

NAME OF PROJECT: *Education Improvement Project*

IBRD Loan No. **8342-AM**;

IDA Credit No. **5387-AM**

Contract Title: Establishment of an Educational and Scientific Center of Quality Control and Monitoring of Drugs

Reference No. YSUICB -1/2020

1. The *Republic of Armenia has received financing* from the World Bank toward the cost of the *Education Improvement Project*, and intends to apply part of the proceeds toward payments under the *contract for the Establishment of an Educational and Scientific Center of Quality Control and Monitoring of Drugs conducted by the Yerevan State University Foundation under CIF grant project*.
2. The “*Yerevan State University*” *Foundation* now invites sealed bids from eligible bidders for the Establishment of an Educational and Scientific Center of Quality Control and Monitoring of Drugs:
 - *LOT 1 (Analytical Laboratory Equipment 1)*
 - *LOT 2 (Analytical Laboratory Equipment 2)*
 - *LOT 3 (Analytical Laboratory Equipment 3)*

The detailed description and requirements of the Goods are specified in the **Section VII Schedule of Requirements** of the Bidding Documents.

Bids will be evaluated on a per lot basis. Discounts, if any, offered for each lot will be considered in the evaluation of bids. Discounts for combined lots will be taken into account in evaluation of bids.

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

The main qualification criteria:

The Bidder should demonstrate soundness of its financial position and ownership of financial resources necessary to handle the requirements of the proposed Contract. Specifically, it should prove through submission of Audit Reports inclusive Auditors’ Opinion(s) and attached Notes to the financial statements for previous three years: 2016; 2017; 2018; ensuring that:

- (i) Its average annual revenue for the previous three years (2016-2018) should be at least equal to the value of the bid. In order to qualify for more than one lot, bidders shall meet the aggregate requirement for relevant lots.

(ii) Its average Total Assets-to-Total Liabilities (net of equity) ratio for the previous three years (2016-2018) should be greater than 1

In case of JV:

i. Each member of the JV shall submit: Audit Reports inclusive Auditors' Opinion(s) and attached Notes to the financial statements for previous three years: 2016; 2017; 2018.

ii. JV shall meet the following requirements:

- Average annual revenue for the previous three years (2016-2018) should be at least equal to the value of the bid. In order to qualify for more than one lot, bidders shall meet the aggregate requirement for relevant lots.
- Its average Total Assets-to-Total Liabilities (net of equity) ratio for the previous three years (2016-2018) should be greater than 1

(ii) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

i. The Bidder should be a legally registered entity. In this regard the Bidder is required to submit copies of State Registration Certificate and Charter.

ii. The Bidder should have been in the business of laboratory equipment supply for a minimum period of 5 years (starting from January 1 2015). In this regard the Bidder is required to submit a statement representing the list of contracts performed by the Bidder started from January 1, 2015 and completed before the bid submission deadline, specifying the contractor, contract price, duration and type of laboratory equipment.

iii. The Bidder should have successfully implemented at least 2 contracts of laboratory equipment supply: started from January 1, 2015 and completed before the bid submission deadline for each submitted lot with at least the same total amount of each contract no less than the amount submitted for the current lot. The Bidder should provide copies of contracts, invoices and final acceptance acts (with supplied items, quantities and amount per item) ensuring the appropriate laboratory equipment supply and acceptance signed and stamped by the purchaser for those contracts.

In case of JV:

i. Each member of the JV shall submit copies of State Registration Certificate and Charter.

ii. Each member of the JV should have been in the business of laboratory equipment supply at least from January 1, 2015. In this regard the Bidder is required to submit a statement representing the list of contracts performed by the Bidder started from January 1, 2015 and completed before the bid submission deadline, specifying the contractor, contract price, duration and type of laboratory equipment.

iii. The JV should have successfully implemented at least 2 contracts of laboratory equipment supply: started from January 1, 2015 and completed before the bid submission deadline for each submitted lot with at least the same total amount of each contract no less than the amount submitted for the current lot. The Bidder should provide copies of contracts, invoices and final acceptance acts (with supplied items, quantities and amount per item) ensuring the appropriate laboratory equipment supply and acceptance signed and stamped by the purchaser for those contracts.

The Bidder to be awarded more than one lot must have implemented at least two different contracts of laboratory equipment supply for each awarded lot with at least with the same total amount of each contract no less than the awarded amount: to be awarded 2 lots the Bidder shall

have completed at least 4 different contracts with the above mentioned requirements or at least 2 contracts each with the total amount of the Lots; and to be awarded all 3 lots the Bidder shall have completed at least 6 different contracts with the above mentioned requirements or at least 2 contracts each with the total amount of the Lots.

(iii) Documentary Evidence

The Bidder shall furnish documentary evidence to demonstrate that the Goods it offers meet the following usage requirement:

Technical and performance characteristics and detailed description of the Goods offered meet technical specification requirements of the Section VII Schedule of Requirements.

Bidders may bid for one or several lots, as further defined in the bidding document. Bidders wishing to offer discounts in case they are awarded more than one contract will be allowed to do so, provided those discounts are included in the Letter of Bid.

3. Bidding will be conducted through the International Competitive Bidding procedures as specified in the World Bank's *Guidelines: Procurement of Goods, Works and Non-Consulting Services under IBRD Loans and IDA Credits & Grants by World Bank Borrowers January 2011* ("Procurement Guidelines"), and is open to all eligible bidders as defined in the Procurement Guidelines. In addition, please refer to paragraphs 1.6 and 1.7 setting forth the World Bank's policy on conflict of interest.

4. Interested eligible bidders may obtain further information from *YSU Institute of Pharmacy project coordinator Anna Mkrtchyan* (anna_mkrтчyan@ysu.am, annamkrтчyan86@gmail.com) and inspect the bidding documents during office hours from 09.00 a.m. to 17:00 p.m. except Saturdays and Sundays, as well as National Holidays at the address given below.

5. A complete set of bidding documents (**only in electronic format**) in **English** may be obtained by interested eligible bidders free of charge upon submission of a written application to the anna_mkrтчyan@ysu.am, annamkrтчyan86@gmail.com, gnumner.eph@mail.ru e-mail address (the bidding documents will be delivered to the interested bidders via file transfer system).

6. Bids must be delivered to the address below on **13:00 (Local Time) on April 27, 2020**. Electronic bidding **will not** be permitted. Late bids will be rejected. Bids will be publicly opened in the presence of the bidders' designated representatives and anyone who choose to attend at the address below on **April 27, 2020**, at 13:00 p.m. (local time).

7. All bids must be accompanied by a **Bid Security** of not less than the below listed amounts or an equivalent amount in a freely convertible currency for each lot:

Lot 1: US\$ 3300

Lot 2: US\$ 3000

Lot 3: US\$ 1800

A bidder who chooses to submit bid for more than one lot should submit separate bid security for each lot.

8. The address(es) referred to above is(are):

1 Alex Manoogian St.(central building), 2nd floor, 210 room

Attn: Project Coordinator, Anna Mkrtchyan

1 Alex Manoogian St., 0025, Yerevan, Republic of Armenia

Tel: +374 98 091135, +374 60 710427

Fax: +374 60 710410

**E-mail: gnumner.eph@mail.ru, anna_mkrtchyan@ysu.am
annamkrtchyan86@gmail.com**

or

Web site: www.ysu.am

ALL OTHER TERMS AND CONDITIONS OF THE DOCUMENT REMAIN UNCHANGED.

AMENDMENT No 4

to

BIDDING DOCUMENTS

**Procurement of Laboratory Analytical
Equipment for Institute of Pharmacy of
the Yerevan State University**

ICB No: YSUICB -1/2020

Project: Education Improvement Project

Purchaser: “Yerevan State University” Foundation

Country: Republic of Armenia

The following paragraphs of Section II. Bid Data Sheet (BDS) and invitation for bids are modified and will now read:

	D. Submission and Opening of Bids
ITB 22.1	<p>For bid submission purposes only, the Purchaser's address is: Attention: Ms. Anna Mkrtchyan Street Address: 1 Alex Manoogian St. "Yerevan State University" Foundation Floor/ Room number: 210, Central Building City: Yerevan ZIP/Postal Code: 0025 Country: Republic of Armenia The deadline for bid submission is: Date: 18 May 2020 Time: 13:00 (Local Time) Bidders shall not have the option of submitting their bids electronically.</p>
ITB 25.1	<p>The bid opening shall take place at: Street Address: Alex Manoogian 1 Floor/ Room number: 210 City: Yerevan Country: Republic of Armenia Date: 18 May 2020 Time: 13:00 (Local Time)</p>

Invitation for Bids

COUNTRY: Republic of Armenia

NAME OF PROJECT: *Education Improvement Project*

IBRD Loan No. **8342-AM**;

IDA Credit No. **5387-AM**

Contract Title: Establishment of an Educational and Scientific Center of Quality Control and Monitoring of Drugs

Reference No.YSUICB -1/2020

1. The *Republic of Armenia has received financing* from the World Bank toward the cost of the *Education Improvement Project*, and intends to apply part of the proceeds toward payments under the *contract for the Establishment of an Educational and Scientific Center of Quality Control and Monitoring of Drugs conducted by the Yerevan State University Foundation under CIF grant project*.
2. The “*Yerevan State University*” Foundation now invites sealed bids from eligible bidders for the Establishment of an Educational and Scientific Center of Quality Control and Monitoring of Drugs:
 - *LOT 1 (Analytical Laboratory Equipment 1)*
 - *LOT 2 (Analytical Laboratory Equipment 2)*
 - *LOT 3 (Analytical Laboratory Equipment 3)*

The detailed description and requirements of the Goods are specified in the **Section VII Schedule of Requirements** of the Bidding Documents.

Bids will be evaluated on a per lot basis. Discounts, if any, offered for each lot will be considered in the evaluation of bids. Discounts for combined lots will be taken into account in evaluation of bids.

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

The main qualification criteria:

The Bidder should demonstrate soundness of its financial position and ownership of financial resources necessary to handle the requirements of the proposed Contract. Specifically, it should prove through submission of Audit Reports inclusive Auditors’ Opinion(s) and attached Notes to the financial statements for previous three years: 2016; 2017; 2018; ensuring that:

(i) Its average annual revenue for the previous three years (2016-2018) should be at least equal to the value of the bid. In order to qualify for more than one lot, bidders shall meet the aggregate requirement for relevant lots.

(ii) Its average Total Assets-to-Total Liabilities (net of equity) ratio for the previous three years (2016-2018) should be greater than 1

In case of JV:

i. Each member of the JV shall submit: Audit Reports inclusive Auditors’ Opinion(s) and attached Notes to the financial statements for previous three years: 2016; 2017; 2018.

ii. JV shall meet the following requirements:

- Average annual revenue for the previous three years (2016-2018) should be at least equal to the value of the bid. In order to qualify for more than one lot, bidders shall meet the aggregate requirement for relevant lots.
- Its average Total Assets-to-Total Liabilities (net of equity) ratio for the previous three years (2016-2018) should be greater than 1

(ii) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

i. The Bidder should be a legally registered entity. In this regard the Bidder is required to submit copies of State Registration Certificate and Charter.

ii. The Bidder should have been in the business of laboratory equipment supply for a minimum period of 5 years (starting from January 1 2015). In this regard the Bidder is required to submit a statement representing the list of contracts performed by the Bidder started from January 1, 2015 and completed before the bid submission deadline, specifying the contractor, contract price, duration and type of laboratory equipment.

iii. The Bidder should have successfully implemented at least 2 contracts of laboratory equipment supply: started from January 1, 2015 and completed before the bid submission deadline for each submitted lot with at least the same total amount of each contract no less than the amount submitted for the current lot. The Bidder should provide copies of contracts, invoices and final acceptance acts (with supplied items, quantities and amount per item) ensuring the appropriate laboratory equipment supply and acceptance signed and stamped by the purchaser for those contracts.

In case of JV:

i. Each member of the JV shall submit copies of State Registration Certificate and Charter.

ii. Each member of the JV should have been in the business of laboratory equipment supply at least from January 1, 2015. In this regard the Bidder is required to submit a statement representing the list of contracts performed by the Bidder started from January 1, 2015 and completed before the bid submission deadline, specifying the contractor, contract price, duration and type of laboratory equipment.

iii. The JV should have successfully implemented at least 2 contracts of laboratory equipment supply: started from January 1, 2015 and completed before the bid submission deadline for each submitted lot with at least the same total amount of each contract no less than the amount submitted for the current lot. The Bidder should provide copies of contracts, invoices and final acceptance acts (with supplied items, quantities and amount per item) ensuring the appropriate laboratory equipment supply and acceptance signed and stamped by the purchaser for those contracts.

The Bidder to be awarded more than one lot must have implemented at least two different contracts of laboratory equipment supply for each awarded lot with at least with the same total amount of each contract no less than the awarded amount: to be awarded 2 lots the Bidder shall have completed at least 4 different contracts with the above mentioned requirements or at least 2 contracts each with the total amount of the Lots; and to be awarded all 3 lots the Bidder shall have completed at least 6 different contracts with the above mentioned requirements or at least 2 contracts each with the total amount of the Lots.

(iii) Documentary Evidence

The Bidder shall furnish documentary evidence to demonstrate that the Goods it offers meet the following usage requirement:

Technical and performance characteristics and detailed description of the Goods offered meet technical specification requirements of the Section VII Schedule of Requirements.

Bidders may bid for one or several lots, as further defined in the bidding document. Bidders wishing to offer discounts in case they are awarded more than one contract will be allowed to do so, provided those discounts are included in the Letter of Bid.

3. Bidding will be conducted through the International Competitive Bidding procedures as specified in the World Bank's *Guidelines: Procurement of Goods, Works and Non-Consulting Services under IBRD Loans and IDA Credits & Grants by World Bank Borrowers January 2011* ("Procurement Guidelines"), and is open to all eligible bidders as defined in the Procurement Guidelines. In addition, please refer to paragraphs 1.6 and 1.7 setting forth the World Bank's policy on conflict of interest.

4. Interested eligible bidders may obtain further information from *YSU Institute of Pharmacy project coordinator Anna Mkrtchyan* (anna_mkrtchyan@ysu.am, annamkrtchyan86@gmail.com) and inspect the bidding documents during office hours from 09:00 a.m. to 17:00 p.m. except Saturdays and Sundays, as well as National Holidays at the address given below.

5. A complete set of bidding documents (**only in electronic format**) in **English** may be obtained by interested eligible bidders free of charge upon submission of a written application to the anna_mkrtchyan@ysu.am, annamkrtchyan86@gmail.com, gnumner.eph@mail.ru e-mail address (the bidding documents will be delivered to the interested bidders via file transfer system).

6. Bids must be delivered to the address below on **13:00 (Local Time) on May 18, 2020**. Electronic bidding **will not** be permitted. Late bids will be rejected. Bids will be publicly opened in the presence of the bidders' designated representatives and anyone who choose to attend at the address below on **May 18, 2020**, at 13:00 p.m. (local time).

7. All bids must be accompanied by a **Bid Security** of not less than the below listed amounts or an equivalent amount in a freely convertible currency for each lot:

Lot 1: US\$ 3300

Lot 2: US\$ 3000

Lot 3: US\$ 1800

A bidder who chooses to submit bid for more than one lot should submit separate bid security for each lot.

8. The address(es) referred to above is(are):

1 Alex Manoogian St.(central building), 2nd floor, 210 room

Attn: Project Coordinator, Anna Mkrtchyan

1 Alex Manoogian St., 0025, Yerevan, Republic of Armenia

Tel: +374 98 091135, +374 60 710427

Fax: +374 60 710410

E-mail: gnumner.eph@mail.ru, anna_mkrtchyan@ysu.am **or**
annamkrtchyan86@gmail.com

Web site: www.ysu.am

ALL OTHER TERMS AND CONDITIONS OF THE DOCUMENT REMAIN UNCHANGED.

AMENDMENT No 5

to

BIDDING DOCUMENTS

**Procurement of Laboratory Analytical
Equipment for Institute of Pharmacy of
the Yerevan State University**

ICB No: YSUICB -1/2020

Project: Education Improvement Project

Purchaser: “Yerevan State University” Foundation

Country: Republic of Armenia

The following paragraphs of Section VII. Schedule of Requirements are modified and will now read:

Lot 3: Laboratory Equipments				Trademark & Model: Country :	
REQUIRED SPECIFICATIONS				PROPOSED SPECIFICATIONS	
N	Name	Quantity	Technical Parameters	Availability of the Manufacturer Authorization Form/Certificate of Origin (yes/no)	
2.	Microwave oven for ICP sample preparation	1	<p>General:</p> <ul style="list-style-type: none"> • Microwave oven should be capable for ICP-OES sample preparation like environmental, food, agriculture, petrochemistry, polymers, plastics and etc., with inorganic and organic matrices • Compact design • Unpulsed Microwave power over the whole range from 0 to at least 850 W using 1 to 2 magnetrons with frequency at least 2400-2500 MHz <p>Cooling:</p> <ul style="list-style-type: none"> • Built-in powerful air cooling system for removal of gases and cooling of vessel without use of external chiller/thermostat in less than 20 minutes (down to at least +70 °C) <p>Rotor and Vessels:</p> <ul style="list-style-type: none"> • Lightweight rotor (not more than 10 kg) with lid and rotor handling system • Should have capacity for at least 12 vessels with volume of at least 50 ml • Vessel material should be high purity PTFE-TFM or equivalent that is resistant to common digestion acids like HF, HCl, HNO₃ • Vessel maximum temperature should be at least up to +300 °C • Vessel temperature in each vessel should be controlled with precise infrared sensor • Vessel maximum pressure should be at least up to 40 bar • Vessels should have pressure activated venting system • Sample amount up to at least 3 g per vessel could be filled 	YES	

			<ul style="list-style-type: none"> • Rotor and at least 12 fully completed vessels should be supplied <p>Controller:</p> <ul style="list-style-type: none"> • Built-in user-friendly controller with color display integrated in the instrument • Should have memory with stored at least 50 methods <p>Installation and Training:</p> <ul style="list-style-type: none"> • Installation must be provided by manufacturer certified technician (manufacturer training certificate should be added to offer) with an experience of installing at least 2 microwave systems (installed base list must be added to offer) • Training of 2 or more working days after successful commissioning of the instrument by the service engineer is to be provided <p><u>Warranty:</u></p> <p><u>Standard warranty 2-year should be offered with main system</u></p>		
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ALL OTHER TERMS AND CONDITIONS OF THE DOCUMENT REMAIN UNCHANGED.