



REPUBLIC OF UGANDA

MINISTRY OF WATER AND ENVIRONMENT

INTEGRATED WATER MANAGEMENT AND DEVELOPMENT PROJECT

LOAN ID NO. P163782

**SUPPLY OF TECHNICAL EQUIPMENT FOR REGIONAL WATER QUALITY
LABORATORIES**

LOT 1: LABORATORY ANALYTICAL EQUIPMENT

**LOT 2: LABORATORY PROCESSING, CONTAINMENT AND STORAGE
EQUIPMENT**

LOT 3: FIELD SAMPLING AND MEASUREMENT EQUIPMENT

LOT 4: LABORATORY APPARATUS AND GLASSWARE

RFB No: MWE/SUPLS/2020-21/00009

Project: Integrated Water Management and Development Project

Purchaser: Ministry of Water & Environment

Country: Republic of Uganda

Issued on: 3rd September, 2020

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MINISTRY OF WATER AND ENVIRONMENT

Request for Bids (RFB) - Goods

INTEGRATED WATER MANAGEMENT AND DEVELOPMENT PROJECT (IWMDP)

SUPPLY OF TECHNICAL EQUIPMENT FOR REGIONAL LABORATORIES

PROJECT ID: P163782

RFB No.: MWE/SUPLS/20-21/00009

1. The Republic of Uganda has received a loan from the World Bank towards the cost of the Integrated Water Management and Development Project and it intends to apply part of the proceeds of this loan to payments under the contract for Supply of Technical equipment for Regional laboratories.
2. The Ministry of Water and Environment now invites sealed Bids from eligible Bidders for Supply of technical equipment for regional laboratories as detailed below;

Lot 1	Laboratory analytical equipment
Lot 2	Laboratory processing, containment and storage equipment
Lot 3	Field sampling and measurement equipment
Lot 4	Laboratory apparatus and glassware

Further details on the above supplies are provided in the bidding documents.

3. Bidding will be conducted through the International Competitive Bidding procedures using Request for Bids (RFB) as specified in the World Bank's "Procurement Regulations for IPF Borrowers - Procurement in Investment Projects Financing" (July 2016, revised November 2017 and August 2018) and is open to all eligible bidders as defined in the Procurement Regulations.
4. Interested eligible bidders may obtain further information from the Ministry of Water and Environment, John Kateregga on kateregga9@hotmail.com, kgodwill@googlemail.com and pdu@mwe.co.ug between 9:00am to 5:00pm on official working days at the address below.
5. The Bidding Documents in English may be purchased by interested bidders for a non-refundable fee of Uganda Shillings One Hundred Thousand Only (UGX 100,000) for **each lot** prior to submission date. Bids **MUST** be submitted with evidence of purchase

of the bidding documents. Evidence of payment shall first be verified by the responsible officer in Ministry of Water and Environment at time of submission. The method of payment will be by Bank Payment Advice Form obtainable from the Uganda Revenue Authority (URA) website using “Other NTR” as a tax head in the form. The hard copy of the Bidding Documents in English will be available for pick up at the address mentioned in (8) and the soft copy can be accessed at <https://www.mwe.go.ug/library/tendersprocurement>.

6. Bids must be delivered to the address below on or before **11:00 am Ugandan time on 1st October, 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 chooses to attend at the address below **at 11:30 am Ugandan Time on 6th October, 2020**.
7. All bids must be accompanied by a Bid Security of **UGX 30,000,000 for Lot 1, UGX 10,000,000 for Lot 2 and UGX 10,000,000 Lot 3** or equivalent amount in any freely convertible currency acceptable to the Employer. For Bid Securities issued by financial institution located outside the Employer’s Country, the issuing financial institution shall have a correspondent financial institution located in the Employer’s Country to make it enforceable.
8. The address(es) referred to above is;

**Attn: Head, Procurement and Disposal Unit
Ministry of Water and Environment
Plot 3-7, Kabalega Crescent, Luzira
Luzira, Kampala**

The planned procurement Schedule (Subject to change) is as follows:

Activity	Time
Publish Bid notice	3 rd September, 2020
Bid submission deadline & bid opening date	6 th October, 2020
Evaluation Process	8/10/2020- 22/10/2020
Contract Signature	After display of Notification of Contract Award and approval by Solicitor General

**PERMANENT SECRETARY
MINISTRY OF WATER AND ENVIRONMENT**

PART 1 – Bidding Procedures

Section I - Instructions to Bidders

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Section I. Instructions to Bidders

A. General

1. Scope of Bid

1.1 In connection with the Specific Procurement Notice, Request for Bids (RFB), specified **in the Bid Data Sheet (BDS)**, the Purchaser, as specified **in the BDS**, issues this bidding document for the supply of Goods and, if applicable, any Related Services incidental thereto, as specified in Section VII, Schedule of Requirements. The name, identification and number of lots (contracts) of this RFB are **specified in the BDS**.

1.2 Throughout this bidding document:

(a) the term “in writing” means communicated in written form (e.g. by mail, e-mail, fax, including if **specified in the BDS**, distributed or received through the electronic-procurement system used by the Purchaser) with proof of receipt;

(b) if the context so requires, “singular” means “plural” and vice versa; and

(c) “Day” means calendar day, unless otherwise specified as “Business Day”. A Business Day is any day that is an official working day of the Borrower. It excludes the Borrower’s official public holidays.

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 the BDS**, toward the project named **in the BDS**. The Borrower intends to apply a portion of the funds to eligible payments under the contract for which this bidding document is 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 account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import 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. Fraud and Corruption

- 3.1 The Bank requires compliance with the Bank's Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework, as set forth in Section VI.
- 3.2 In further pursuance of this policy, Bidders shall permit and shall cause their agents (where declared or not), subcontractors, subconsultants, service providers, suppliers, and their personnel, to permit the Bank to inspect all accounts, records and other documents relating to any initial selection process, prequalification process, bid submission, proposal submission, 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 state-owned enterprise or institution subject to ITB 4.6, 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 entire Contract in accordance with the Contract terms. The JV shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the 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) or 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
- (f) or any of its affiliates has been hired (or is proposed to be hired) by the Purchaser or Borrower for the Contract implementation; or
- (g) would be providing goods, works, or non-consulting services resulting from or directly related to consulting services for the preparation or implementation of the project specified in the 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
- (h) 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 document 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 Bidding process and execution of the Contract.

4.3 A firm that is a Bidder (either individually or as a JV member) shall not participate in more than **one** Bid, except for permitted alternative Bids. This includes participation as a subcontractor. Such participation shall result in the disqualification of all Bids in which the firm is involved. A firm that is not a Bidder or a JV member, may participate

as a subcontractor in more than one Bid.

- 4.4 A Bidder may have the nationality of any country, subject to the restrictions pursuant to ITB 4.8. 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 subcontractors or subconsultants for any part of the Contract including related Services.
- 4.5 A Bidder that has been sanctioned by the Bank, pursuant to the Bank's Anti-Corruption Guidelines, in accordance with its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework as described in Section VI paragraph 2.2 d., shall be ineligible to be prequalified for, initially selected for, bid for, propose 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.
- 4.6 Bidders that are state-owned enterprises or institutions in the Purchaser's Country may be eligible to compete and be awarded a Contract(s) only if they can establish, in a manner acceptable to the Bank, that they (i) are legally and financially autonomous (ii) operate under commercial law, and (iii) are not under supervision of the Purchaser.
- 4.7 A Bidder shall not be under suspension from Bidding by the Purchaser as the result of the operation of a Bid-Securing Declaration or Proposal-Securing Declaration.
- 4.8 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.

4.9 A Bidder shall provide such documentary evidence of eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

4.10 A firm that is under a sanction of debarment by the Borrower from being awarded a contract is eligible to participate in this procurement, unless the Bank, at the Borrower's request, is satisfied that the debarment;

(a) relates to fraud or corruption; and

(b) followed a judicial or administrative proceeding that afforded the firm adequate due process.

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 ITB, 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 Request for Bids Document

6. Sections of Bidding Document

6.1 The bidding document consist of Parts 1, 2, and 3, which include all the sections indicated below, and should be read in conjunction with any Addenda issued in accordance with 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 - Fraud and Corruption

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 Specific Procurement Notice, Request for Bids (RFB), issued by the Purchaser is not part of this 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 document and to furnish with its Bid all information or documentation as is required by the bidding document.

7. Clarification of Bidding Document

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 document 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 document, the Purchaser shall amend the bidding document 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 document by issuing addenda.
- 8.2 Any addendum issued shall be part of the bidding document and shall be communicated in writing to all who have obtained the bidding document 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 Bid

- 11.1 The Bid shall comprise the following:
- (a) **Letter of Bid** prepared in accordance with ITB 12;
 - (b) **Price Schedules**: completed in accordance with ITB 12 and ITB 14;
 - (c) **Bid Security** or **Bid-Securing Declaration**, in accordance with ITB 19.1;

- (d) **Alternative Bid:** if permissible, in accordance with ITB 13;
- (e) **Authorization:** written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB 20.3;
- (f) **Qualifications:** documentary evidence in accordance with ITB 17 establishing the Bidder's qualifications to perform the Contract if its Bid is accepted;
- (g) **Bidder's Eligibility:** documentary evidence in accordance with ITB 17 establishing the Bidder's eligibility to bid;
- (h) **Eligibility of Goods and Related Services:** documentary evidence in accordance with ITB 16, establishing the eligibility of the Goods and Related Services to be supplied by the Bidder;
- (i) **Conformity:** documentary evidence in accordance with ITB 16 and 30, that the Goods and Related Services conform to the bidding document; and
- (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 20.3. 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

14.1 The prices and discounts quoted by the Bidder in the Letter of Bid and in the Price Schedules shall conform to

Discounts

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 BDS**. A 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 disaggregation 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, 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 the same. 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 document, 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 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 Bid Validity period specified **in the BDS**. The Bid Validity period starts from the date fixed for the Bid submission deadline (as prescribed by the Purchaser in accordance with ITB 22.1). 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 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 period, 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 non-bank 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, and an eligible country. If an unconditional guarantee is issued by a non-bank financial institution located outside the Purchaser's Country, the issuing non-bank financial institution shall have a correspondent financial institution located in the Purchaser's Country to make it enforceable unless the Purchaser has agreed in writing, prior to Bid submission, that a correspondent financial institution is not required. 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 46.

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 in 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 ITB 45; or
 - (ii) furnish a Performance Security in accordance with ITB 46.

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 ITB 45; or furnish a performance security in accordance with ITB 46;

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 Bidders shall mark as “CONFIDENTIAL” information in their Bids which is confidential to their business. This may include proprietary information, trade secrets, or commercial or financially sensitive information.
- 20.3 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.
- 20.4 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.
- 20.5 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 deliver the Bid in a single, sealed envelope (one-envelope Bidding process). Within the single envelope the Bidder shall place the following separate, sealed envelopes:

- (a) in an envelope marked “ORIGINAL”, all documents comprising the Bid, as described in ITB 11; and
- (b) in an envelope marked “COPIES”, all required copies of the Bid; and,
- (c) if alternative Bids are permitted in accordance with ITB 13, and if relevant:
 - i. in an envelope marked “ORIGINAL - ALTERNATIVE”, the alternative Bid; and
 - ii. in the envelope marked “COPIES – ALTERNATIVE BID” all required copies of the alternative Bid.

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 22.1;
- (c) bear the specific identification of this Bidding process indicated in ITB 1.1; 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 so specified **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 document 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 20.3, (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 ITB 24.2, the Purchaser shall, at the Bid opening, publicly open and read out 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 chooses 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.

- 25.3. 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.
- 25.4. Next, 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.
- 25.5. Next, all remaining 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.
- 25.6. Only Bids, alternative Bids and discounts that are opened and read out at Bid opening shall be considered further in the 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**.
- 25.7. The Purchaser shall neither discuss the merits of any Bid nor reject any Bid (except for late Bids, in accordance with ITB 23.1).
- 25.8. The Purchaser shall prepare a record of the Bid opening that shall include, as a minimum:

- (a) the name of the Bidder and whether there is a withdrawal, substitution, or modification;
 - (b) the Bid Price, per lot (contract) if applicable, including any discounts;
 - (c) any alternative Bids;
 - (d) the presence or absence of a Bid Security or Bid-Securing Declaration, if one was required.
- 25.9. 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 the information on Intention to Award the Contract is transmitted 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 document;
 - (b) “Reservation” is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the bidding document; and
 - (c) “Omission” is the failure to submit part or all of the information or documentation required in the bidding document.
- 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 document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:
- (a) if accepted, would:
 - (i) affect in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or
 - (ii) limit in any substantial way, inconsistent with the bidding document, 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 document, 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 in the manner specified **in the BDS**.

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 ITB and Section III, Evaluation and Qualification criteria. No other evaluation criteria or methodologies shall be permitted. By applying the criteria and methodologies, the Purchaser shall determine the Most Advantageous Bid. This is the Bid of the Bidder that meets the qualification criteria and whose Bid has been determined to be:
- (a) substantially responsive to the bidding document; and
 - (b) the lowest evaluated cost.
- 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 ITB 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 14.4;
 - (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; and
 - (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 this bidding document allows Bidders to quote separate prices for different lots (contracts), the methodology to determine the lowest evaluated cost of the lot (contract) combinations, including any discounts offered in the Letter of Bid, 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 costs of all substantially responsive Bids established in accordance with ITB 34.2 to determine the Bid that has the lowest evaluated cost. 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. Abnormally Low Bids

- 36.1 An Abnormally Low Bid is one where the Bid price, in combination with other constituent elements of the Bid, appears unreasonably low to the extent that the Bid price raises material concerns with the Purchaser as to the capability of the Bidder to perform the Contract for the offered Bid price.
- 36.2 In the event of identification of a potentially Abnormally Low Bid, the Purchaser shall seek written clarification from the Bidder, including a detailed price analyses of its Bid price in relation to the subject matter of the contract, scope, delivery schedule, allocation of risks and responsibilities and any other requirements of the bidding document.
- 36.3 After evaluation of the price analyses, in the event that the Purchaser determines that the Bidder has failed to demonstrate its capability to perform the contract for the offered Bid price, the Purchaser shall reject the Bid.

37. Qualification of the Bidder

- 37.1 The Purchaser shall determine, to its satisfaction, whether the eligible Bidder that is selected as having submitted the lowest evaluated cost and substantially responsive Bid, meets the qualifying criteria specified in Section III, Evaluation and Qualification Criteria.
- 37.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB 17. The determination shall not take into consideration the qualifications of other firms such as the Bidder's subsidiaries, parent entities, affiliates, subcontractors (other than specialized subcontractors if permitted in the bidding document), or any other firm(s) different from the Bidder.
- 37.3 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 Bidder who offers a substantially responsive Bid with the next

lowest evaluated cost to make a similar determination of that Bidder's qualifications to perform satisfactorily.

38. Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids

38.1 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.

39. Standstill Period

39.1 The Contract shall not be awarded earlier than the expiry of the Standstill Period. The Standstill Period shall be ten (10) Business Days unless extended in accordance with ITB 44. The Standstill Period commences the day after the date the Purchaser has transmitted to each Bidder the Notification of Intention to Award the Contract. Where only one Bid is submitted, or if this contract is in response to an emergency situation recognized by the Bank, the Standstill Period shall not apply.

40. Notification of Intention to Award

40.1 The Purchaser shall send to each Bidder the Notification of Intention to Award the Contract to the successful Bidder. The Notification of Intention to Award shall contain, at a minimum, the following information:

- (a) the name and address of the Bidder submitting the successful Bid;
- (b) the Contract price of the successful Bid;
- (c) the names of all Bidders who submitted Bids, and their Bid prices as readout, and as evaluated;
- (d) a statement of the reason(s) the Bid (of the unsuccessful Bidder to whom the notification is addressed) was unsuccessful, unless the price information in c) above already reveals the reason;
- (e) the expiry date of the Standstill Period;
- (f) instructions on how to request a debriefing and/or submit a complaint during the standstill period.

F. Award of Contract

41. Award Criteria

41.1 Subject to ITB 38, the Purchaser shall award the Contract to the Bidder offering the Most Advantageous Bid. The Most Advantageous Bid is the Bid of the Bidder that meets the qualification criteria and whose Bid has been determined to be:

(a) substantially responsive to the bidding document;
and

(b) the lowest evaluated cost.

42. Purchaser’s Right to Vary Quantities at Time of Award

42.1 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 document.

43. Notification of Award

43.1 Prior to the expiration of the Bid Validity Period and upon expiry of the Standstill Period, specified in ITB 39.1 or any extension thereof, and upon satisfactorily addressing any complaint that has been filed within the Standstill Period, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. The notification of award (hereinafter and in the Contract Forms called the “Letter of Acceptance”) shall specify the sum that the Purchaser will pay the Supplier in consideration of the execution of the Contract (hereinafter and in the Conditions of Contract and Contract Forms called “the Contract Price”).

43.2 Within ten (10) Business Days after the date of transmission of the Letter of Acceptance, the Purchaser shall publish the Contract Award Notice which shall contain, at a minimum, the following information:

- (a) name and address of the Purchaser;
- (b) name and reference number of the contract being awarded, and the selection method used;
- (c) names of all Bidders that submitted Bids, and their Bid prices as read out at Bid opening, and as evaluated;
- (d) names of all Bidders whose Bids were rejected either as nonresponsive or as not meeting qualification criteria, or were not evaluated, with the reasons therefor;
- (e) the name of the successful Bidder, the final total contract price, the contract duration and a summary of its scope; and
- (f) successful Bidder’s Beneficial Ownership Disclosure Form, if specified in BDS ITB 45.1.

43.3 The Contract Award Notice shall be published on the Purchaser's website with free access if available, or in at least one newspaper of national circulation in the Purchaser's Country, or in the official gazette. The Purchaser shall also publish the contract award notice in UNDB online.

43.4 Until a formal Contract is prepared and executed, the Letter of Acceptance shall constitute a binding Contract.

44. Debriefing by the Purchaser

44.1 On receipt of the Purchaser's Notification of Intention to Award referred to in ITB 40.1, an unsuccessful Bidder has three (3) Business Days to make a written request to the Purchaser for a debriefing. The Purchaser shall provide a debriefing to all unsuccessful Bidders whose request is received within this deadline.

44.2 Where a request for debriefing is received within the deadline, the Purchaser shall provide a debriefing within five (5) Business Days, unless the Purchaser decides, for justifiable reasons, to provide the debriefing outside this timeframe. In that case, the standstill period shall automatically be extended until five (5) Business Days after such debriefing is provided. If more than one debriefing is so delayed, the standstill period shall not end earlier than five (5) Business Days after the last debriefing takes place. The Purchaser shall promptly inform, by the quickest means available, all Bidders of the extended standstill period

44.3 Where a request for debriefing is received by the Purchaser later than the three (3)-Business Day deadline, the Purchaser should provide the debriefing as soon as practicable, and normally no later than fifteen (15) Business Days from the date of publication of Public Notice of Award of contract. Requests for debriefing received outside the three (3)-day deadline shall not lead to extension of the standstill period.

44.4 Debriefings of unsuccessful Bidders may be done in writing or verbally. The Bidders shall bear their own costs of attending such a debriefing meeting.

45. Signing of Contract

45.1 The Purchaser shall send to the successful Bidder the Letter of Acceptance including the Contract Agreement, and, if specified in the BDS, a request to submit the

Beneficial Ownership Disclosure Form providing additional information on its beneficial ownership. The Beneficial Ownership Disclosure Form, if so requested, shall be submitted within eight (8) Business Days of receiving this request.

- 45.2 The successful Bidder shall sign, date and return to the Purchaser, the Contract Agreement within twenty-eight (28) days of its receipt.
- 45.3 Notwithstanding ITB 45.2 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.

46. Performance Security

- 46.1 Within twenty-eight (28) days of the receipt of Letter of Acceptance from the Purchaser, the successful Bidder, if required, shall furnish the Performance Security in accordance with the GCC 18, using for that purpose the Performance Security Form included in Section X, Contract Forms, 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, unless the Purchaser has agreed in writing that a correspondent financial institution is not required.
- 46.2 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 Bidder offering the next Most Advantageous Bid.

**47. Procurement
Related Complaint**

47.1 The procedures for making a Procurement-related Complaint are as specified in the BDS.

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 Reference	A. General
ITB 1.1	<p>The reference number of the Request for Bids (RFB) is: MWE/SUPLS/20-21/00009</p> <p>The Purchaser is: Ministry of Water & Environment</p> <p>The name of the RFB is: Supply of Technical Equipment for Regional Water Quality Laboratories</p> <p>LOT 1: Laboratory Analytical Equipment</p> <p>LOT 2: Laboratory processing, containment and storage equipment</p> <p>LOT 3: Field sampling and measurement Equipment</p> <p>LOT 4: Laboratory apparatus and glassware</p> <p>The number and identification of lots (contracts) comprising this RFB is: 4</p>
ITB 2.1	<p>The Borrower is: The Republic of Uganda</p> <p>The name of the Project is: Integrated Water Management & Development Project</p>
ITB 4.1	Maximum number of members in the Joint Venture (JV) shall be: <i>No limit</i>
ITB 4.5	A list of debarred firms and individuals is available on the Bank's external website: http://www.worldbank.org/debarr .
	B. Contents of Bidding Document
ITB 7.1	<p>For <u>Clarification of Bid purposes</u> only, the Purchaser's address is:</p> <p>For <u>clarification purposes</u> only, the Employer's address is:</p> <p>The Permanent Secretary, Ministry of Water & Environment</p> <p>Attention: Head, Procurement & Disposal Unit</p> <p>Street Address: Plot 3-7 Kabalega Crescent Road, Luzira</p> <p>City: Kampala</p> <p>Country: Uganda</p>

	<p>Telephone: +256 414 220 229 Facsimile number: +256 414 505 941</p> <p>Electronic mail address: kateregga9@hotmail.com with copies to kgodwill@googlemail.com</p> <p>Requests for clarification should be received by the Purchaser no later than: 25th September, 2020</p>
	C. Preparation of Bids
ITB 10.1	The language of the Bid is: <i>English</i>
ITB 11.1 (j)	<p>The Bidder shall submit the following additional documents in its Bid:</p> <p>The bidder shall provide the physical address, as well as the telephone and email contacts (that can be reached) of the previous Clients indicated as references under the post qualification, Failure to reach the previous clients will lead to disqualification</p>
ITB 13.1	Alternative Bids <i>shall not be</i> 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 (contract) shall correspond at least to 100 percent of the items specified for each lot (contract).</p> <p>Prices quoted for each item of a lot shall correspond at least to 100 percent of the quantities specified for this item of a lot.</p>
ITB 14.7	The Incoterms edition is: Incoterms 2020
ITB 14.8 (b)(i) and (c)(v)	Place of destination: CIP, Ministry of Water and Environment, Water Quality Management Department (WQMD), Plot 12, Mpigi Road-Entebbe, Uganda
ITB 14.8 (a)(iii), (b)(ii) and (c)(v)	<p>Final Destination (Project Site): Offices of DWRM/WQMD in Entebbe & finally at the Regional Water Quality Laboratories indicated under PART 2 – Supply Requirements.</p> <p>The delivery of all equipment shall be to the offices of the Directorate of Water Resources Department /WQMD on Plot 12, Mpigi Road, Entebbe.</p>
ITB 15.1	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.
ITB 16.4	Period of time the Goods are expected to be functioning (for the purpose of

	spare parts): Ten (10) years
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 days.
ITB 18.3 (a)	The Bid price shall be adjusted by the following factor(s): N/A
ITB 19.1	A Bid Security shall be required . The amount and currency of the Bid Security shall be: Lot 1: UGX 30,000,000 or the equivalent in freely convertible currency Lot 2: UGX 10,000,000 or the equivalent in freely convertible currency Lot 3: USD 10,000,000 or the equivalent in freely convertible currency Lot 4: Not applicable
ITB 19.3 (d)	Other types of acceptable securities: None
ITB 20.1	In addition to the original of the Bid, the number of copies is: Three (3) copies
ITB 20.3	The written confirmation of authorization to sign on behalf of the Bidder shall consist of: A Registered Power of Attorney for national firms and Notarized Power of Attorney for foreign firms
	D. Submission and Opening of Bids
ITB 22.1	For <u>Bid submission purposes</u> only, the Purchaser's address is: The Permanent Secretary Ministry of Water and Environment Plot 3-7 Kabalega Crescent Road, Luzira P.O. Box 20026 Tel: +256-414-220229 Fax: +256-414-505941 Kampala, UGANDA Email: ps@mwe.go.ug; The deadline for Bid submission is: Date: 6th October, 2020 Time: 11:00 a.m. Bidders shall not have the option of submitting their Bids electronically.
ITB 25.1	The Bid opening shall take place at:

	<p>Procurement and Disposal Unit offices, Ground Floor, Ministry of Water and Environment Plot 3-7 Kabalega Crescent Road, Luzira P.O. Box 20026 Tel: +256-414-220229 Fax: +256-414-505941 Kampala, UGANDA</p> <p>Date: 6th October, 2020 Time: 11:30AM</p>
ITB 25.6	The Letter of Bid and Price Schedules shall be initialed by <i>all</i> representatives of the Purchaser conducting Bid opening.
E. Evaluation and Comparison of Bids	
ITB 30.3	The adjustment shall be based on the average price of the item or component as quoted in other substantially responsive Bids. If the price of the item or component cannot be derived from the price of other substantially responsive Bids, the Purchaser shall use its best estimate.
ITB 32.1	<p>The currency that shall be used for Bid evaluation and comparison purposes to convert at the selling exchange rate all Bid prices expressed in various currencies into a single currency is: Uganda Shillings</p> <p>The source of exchange rate shall be: Bank of Uganda</p> <p>The date for the exchange rate shall be: 6th October, 2020</p>
ITB 33.1	A margin of domestic preference <i>shall not</i> apply.
ITB 34.2(a)	<p>Evaluation will be done for <i>Lots(contracts)</i></p> <p>Note:</p> <p><i>Bids will be evaluated lot by lot. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. An item not listed in the Price Schedule shall be assumed to be not included in the Bid, and provided that the Bid is substantially responsive, the average or highest price (as specified in the BDS) of the item quoted by substantially responsive Bidders will be added to the Bid price and the equivalent total cost of the Bid so determined will be used for price comparison.</i></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> <p>(a) Deviation in Delivery schedule: <i>No</i>.</p> <p>(b) Deviation in payment schedule: <i>No</i></p> <p>(c) the cost of major replacement component, mandatory spare parts,</p>

	<p>and service: <i>No</i></p> <p>(d) the availability in the Purchaser’s Country of spare parts and after-sales services for the equipment offered in the Bid <i>No</i></p> <p>(e) Life cycle costs: the costs during the life of the goods or equipment <i>No</i></p> <p>(f) the performance and productivity of the equipment offered; <i>No</i></p>
	F. Award of Contract
ITB 42	<p>The maximum percentage by which quantities may be increased is: <i>0%</i></p> <p>The maximum percentage by which quantities may be decreased is: <i>0%</i></p>
ITB 45.1	The successful Bidder <i>shall not</i> submit the Beneficial Ownership Disclosure Form.
ITB 47.1	<p>The procedures for making a Procurement-related Complaint are detailed in the “Procurement Regulations for IPF Borrowers (Annex III).” If a Bidder wishes to make a Procurement-related Complaint, the Bidder should submit its complaint following these procedures, in writing (by the quickest means available, that is either by email or fax), to:</p> <p>Title/position: Permanent Secretary Purchaser: Ministry of Water and Environment Email address: ps@mwe.go.ug</p> <p>In summary, a Procurement-related Complaint may challenge any of the following:</p> <ol style="list-style-type: none"> 1. the terms of the Bidding Documents; and 2. the Purchaser’s decision to award the contract.

Section III - Evaluation and Qualification Criteria

This Section contains the criteria that the Purchaser shall use to evaluate a Bid and qualify the Bidders. No other factors, methods or criteria shall be used other than specified in this bidding document.

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1. Margin of Preference (ITB 33)

If the Bidding Data Sheet so specifies, the Purchaser will grant a margin of preference to goods manufactured in the Purchaser's Country for the purpose of Bid comparison, in accordance with the procedures outlined in subsequent paragraphs.

Substantially responsive Bids will be classified in one of three groups, as follows:

- (a) **Group A:** Bids offering goods manufactured in the Purchaser's Country, for which (i) labor, raw materials, and components from within the Purchaser's Country account for more than thirty (30) percent of the EXW price; and (ii) the production facility in which they will be manufactured or assembled has been engaged in manufacturing or assembling such goods at least since the date of Bid submission;
- (b) **Group B:** All other Bids offering Goods manufactured in the Purchaser's Country;
- (c) **Group C:** Bids offering Goods manufactured outside the Purchaser's Country that have been already imported or that will be imported.

To facilitate this classification by the Purchaser, the Bidder shall complete whichever version of the Price Schedule furnished in the bidding document is appropriate provided, however, that the completion of an incorrect version of the Price Schedule by the Bidder shall not result in rejection of its Bid, but merely in the Purchaser's reclassification of the Bid into its appropriate Bid group.

The Purchaser will first review the Bids to confirm the appropriateness of, and to modify as necessary, the Bid group classification to which Bidders assigned their Bids in preparing their Bid Forms and Price Schedules.

The Bids in each group will then be compared to determine the Bid with the lowest evaluated cost in that group. The lowest evaluated cost Bid from each group shall then be compared with each other and if as a result of this comparison a Bid from Group A or Group B is the lowest, it shall be selected for the award.

If as a result of the preceding comparison, a Bid from Group C is the lowest evaluated cost, all Bids from Group C shall be further compared with the Bid with the lowest evaluated cost from Group A after adding to the evaluated costs of goods offered in each Bid from Group C, for the purpose of this further comparison only, an amount equal to 15% (fifteen percent) of the respective CIP Bid price for goods to be imported and already imported goods. Both prices shall include unconditional discounts and be corrected for arithmetical errors. If the Bid from Group A is the lowest, it shall be selected for award. If not, the lowest evaluated cost from Group C shall be selected.

Most Advantageous Bid

The Purchaser shall use the criteria and methodologies listed in Section 2 and 3 below to determine the Most Advantageous Bid. The Most Advantageous Bid is the Bid of the Bidder that meets the qualification criteria and whose Bid has been determined to be:

- (a) substantially responsive to the bidding document; and
- (b) the lowest evaluated cost.

2. Evaluation (ITB 34)

2.1. Evaluation Criteria (ITB 34.6)

2.2. Multiple Contracts (ITB 34.4)

If in accordance with ITB 1.1, Bids are invited for individual lots or for any combination of lots, the contract will be awarded to the Bidder or Bidders offering a substantially responsive Bid(s) and the lowest evaluated cost to the Purchaser for a lot or combined lots, after considering all possible combination of lots, subject to the selected Bidder(s) meeting the required qualification criteria (this Section III, Sub-Section ITB 37 Qualification Requirements) for a lot or combination of lots as the case may be.

In determining Bidder or Bidders that offer the total lowest evaluated cost to the Purchaser for combined lots, the Purchaser shall apply the following steps in sequence:

- (a) evaluate individual lots to determine the substantially responsive Bids and corresponding evaluated costs;
- (b) for each lot, rank the substantially responsive Bids starting from the lowest evaluated cost for the lot;
- (c) apply to the evaluated costs listed in b) above, any applicable discounts/price reductions offered by a Bidder (s) for the award of multiple contracts based on the discounts and the methodology for their application offered by the respective Bidder; and
- (d) determine contract award on the basis of the combination of lots that offer the total lowest evaluated cost to the Purchaser.

2.3. Alternative Bids (ITB 13.1)

An alternative if permitted under ITB 13.1, will be evaluated as follows: **N/A**

3. Qualification (ITB 37)

3.1 Qualification Criteria (ITB 37.1)

After determining the substantially responsive Bid which offers the lowest-evaluated cost in accordance with ITB 34, and, if applicable, the assessment of any Abnormally Low Bid (in accordance with ITB 36) the Purchaser shall carry out the post-qualification of the Bidder in accordance with ITB 37, using only the requirements specified. Requirements not included in the text below shall not be used in the evaluation of the Bidder's qualifications.

Factor	2.1 Eligibility					
Sub-Factor	Criteria					Documentation Required
	Requirement	Bidder				
		Single Entity	Joint Venture, Consortium or Association			
All partners combined			Each partner	At least one partner		
2.1.1 Nationality	Nationality in accordance with ITB 4.2.	Must meet requirement	Existing or intended JVA must meet requirement	Must meet requirement	N / A	Form ELI –1.1 and 1.2, with attachments
2.1.2 Conflict of Interest	No- conflicts of interests as described in ITB 4.3.	Must meet requirement	Existing or intended JVA must meet requirement	Must meet requirement	N / A	Letter of Bid
2.1.3 Bank Ineligibility	Not having been declared ineligible by the Bank as described in ITB 4.4.	Must meet requirement	Existing JVA must meet requirement	Must meet requirement	N / A	Letter of Bid
2.1.4 Government Owned Entity	Compliance with conditions of ITB 4.5	Must meet requirement	Must meet requirement	Must meet requirement	N / A	Form ELI –1.1 and 1.2, with attachments
2.1.5 Ineligibility based on a United Nations resolution or Borrower’s country law	Not having been excluded as a result of the Borrower’s country laws or official regulations, or by an act of compliance with UN Security Council resolution, in accordance with ITB 4.8	Must meet requirement	Existing JVA must meet requirement	Must meet requirement	N / A	Letter of Bid

(a) If the Bidder is a manufacturer:

(i) Financial Capability

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

Factor	Financial Situation						
Sub-Factor	Criteria					Documentation Required	
	Requirement	Bidder					
		Single Entity	Joint Venture, Consortium or Association				
		All partners combined	Each partner	At least one partner			
2.3.1 Historical Financial Performance	Submission of audited balance sheets or if not required by the law of the bidder’s country, other financial statements acceptable to the Employer, for the last three [3] years to demonstrate the current soundness of the bidders financial position and its prospective long term profitability.	Must meet requirement	N / A	Must meet requirement	N / A		Form FIN – 3.1 with attachments
2.3.2 Average Annual Turnover	Minimum average annual turnover of at least twice the bid price, calculated as total certified payments received for contracts in progress or completed, within the last three (3) years	Must meet requirement	Must meet requirement	Must meet fifty percent (50%) of the requirement	Must meet fifty percent (50%) of the requirement		Form FIN –3.2

Factor	Financial Situation					
Sub-Factor	Criteria					Documentation Required
	Requirement	Bidder				
		Single Entity	Joint Venture, Consortium or Association			
			All partners combined	Each partner	At least one partner	
2.3.3 Financial Resources	The Bidder must demonstrate access to, or availability of, financial resources such as liquid assets, unencumbered real assets, lines of credit, and other financial means, other than any contractual advance payments to meet: (i) the following cash-flow requirement: Lot 1: USD 50,000 per month; Lot 2 & 3: USD 4,000. (ii) the overall cash flow requirements for this contract and its current commitments.	Must meet requirement	Must meet requirement	Must meet fifty percent (50%) of the requirement	Must meet fifty percent (50%) of the requirement	Form FIN –3.3

(ii) Experience and Technical Capacity

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

Factor	Experience					
Sub-Factor	Criteria					Documentation Required
	Requirement	Bidder				
		Single Entity	Joint Venture, Consortium or Association			
All partners combined			Each partner	At least one partner		
2.4.1 General Experience	Experience under contracts in the role of contractor, subcontractor, or management contractor for at least the last <i>Ten(10)</i> years, starting 1st January 2010 .	Must meet requirement	N / A	Must meet requirement	N / A	Form EXP-2.4.1
2.4.2 Specific Experience	(a) Participation as contractor, management contractor, or subcontractor, in at least (2) contracts within the last Five (5) years, each with a value of at least Lot 1: USD 100,000; Lot 2 & 3: USD 40,000 , that have been successfully and substantially completed and that are similar to the proposed equipment supply and Installation Services. The similarity shall be based on the physical size, complexity, methods/technology or other characteristics as described in Part 2, Supply Requirements.	Must meet requirement	Must meet requirements for all characteristics	N / A	Must meet requirement for one characteristic	Form EXP 2.4.2(a)

Factor	Experience					
Sub-Factor	Criteria					Documentation Required
	Requirement	Bidder				
		Single Entity	Joint Venture, Consortium or Association			
All partners combined			Each partner	At least one partner		
2.4.2 Specific Experience	(b) For the above or other contracts executed during the period stipulated in 2.4.2(a) above, a minimum experience in the following key activities: : i) Supply and installation of water quality testing equipment, field sampling and testing equipment	Must meet requirements	Must meet requirements	N / A	Must meet requirements	Form EXP-2.4.2(b)

(iii) Documentary Evidence

The Bidder shall furnish documentary evidence to demonstrate that the Goods it offers meet the usage requirements specified under PART 2 – Supply Requirements.

(b) If Bidder is not a manufacturer:

If a Bidder is not a manufacturer, but is offering the Goods on behalf of the Manufacturer under Manufacturer's Authorization Form (Section IV, Bidding Forms), the Manufacturer shall demonstrate the above qualifications (i), (ii), (iii) and the Bidder shall demonstrate that it has successfully completed at least [3] contracts of similar goods in the past [5] years.

Subcontractors/manufacturers for the following major items of supply or services must meet the following minimum criteria, herein listed for that item:

Item No.	Description of Item	Minimum Criteria to be met
1	All Equipment to be supplied	Satisfactory performance in tropical conditions similar to Uganda in the last 5 years supported with documentary evidence.
2	All installed equipment	The availability within the African Region of after-sales services and spare parts and technical support for the equipment offered in the bid.

Failure to comply with this requirement will result in rejection of the subcontractor.

In the case of a Bidder who offers to supply and install major items of supply under the contract that the Bidder did not manufacture or otherwise produce, the Bidder shall provide the manufacturer's authorization, using the form provided in Section IV, showing that the Bidder has been duly authorized by the manufacturer or producer of the related plant and equipment or component to supply and install that item in the Employer's country. The Bidder is responsible for ensuring that the manufacturer or producer complies with the requirements of ITB 4 and 5 and meets the minimum criteria listed above for that item.

Section IV - Bidding Forms

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Letter of Bid

INSTRUCTIONS TO BIDDERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE DOCUMENT

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

Note: All italicized text is to help Bidders in preparing this form.

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

RFB No.: *[insert number of RFB process]*

Request 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) **No reservations:** We have examined and have no reservations to the bidding document, including Addenda issued in accordance with Instructions to Bidders (ITB 8);
- (b) **Eligibility:** We meet the eligibility requirements and have no conflict of interest in accordance with ITB 4;
- (c) **Bid/Proposal-Securing Declaration:** We have not been suspended nor declared ineligible by the Purchaser based on execution of a Bid-Securing Declaration or Proposal-Securing Declaration in the Purchaser's Country in accordance with ITB 4.7;
- (d) **Conformity:** We offer to supply in conformity with the bidding document and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods: *[insert a brief description of the Goods and Related Services]*;
- (e) **Bid Price:** The total price of our Bid, excluding any discounts offered in item (f) below is:

Option 1, in case of one lot: Total price is: *[insert the total price of the Bid in words and figures, indicating the various amounts and the respective currencies]*;

Or

Option 2, in case of multiple lots: (a) Total price of each lot *[insert the total price of each lot in words and figures, indicating the various amounts and the respective currencies]*; and (b) Total price of all lots (sum of all lots) *[insert the total price of all lots in words and figures, indicating the various amounts and the respective currencies]*;

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

- (i) The discounts offered are: [*Specify in detail each discount offered.*]
- (ii) The exact method of calculations to determine the net price after application of discounts is shown below: [*Specify in detail the method that shall be used to apply the discounts*];
- (g) **Bid Validity Period:** Our Bid shall be valid for the period specified in BDS 18.1 (as amended, if applicable) from the date fixed for the Bid submission deadline specified in BDS 22.1 (as amended, if applicable), and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (h) **Performance Security:** If our Bid is accepted, we commit to obtain a performance security in accordance with the bidding document;
- (i) **One Bid per Bidder:** We are not submitting any other Bid(s) as an individual Bidder, and we are not participating in any other Bid(s) as a Joint Venture member, or as a subcontractor, and meet the requirements of ITB 4.3, other than alternative Bids submitted in accordance with ITB 13;
- (j) **Suspension and Debarment:** We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the 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 Purchaser’s Country laws or official regulations or pursuant to a decision of the United Nations Security Council;
- (k) **State-owned enterprise or institution:** [*select the appropriate option and delete the other*] [*We are not a state-owned enterprise or institution*] / [*We are a state-owned enterprise or institution but meet the requirements of ITB 4.6*];
- (l) **Commissions, gratuities, fees:** 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) **Binding Contract:** We understand that this Bid, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed;

- (n) **Purchaser Not Bound to Accept:** We understand that you are not bound to accept the lowest evaluated cost Bid, the Most Advantageous Bid or any other Bid that you may receive; and
- (o) **Fraud and Corruption:** We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf engages in any type of Fraud and Corruption.

Name of the Bidder: *[insert complete name of the Bidder]

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 a 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. The power of attorney shall 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]*

RFB No.: *[insert number of RFB process]*

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

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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 4.4. <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 state-owned enterprise or institution, in accordance with ITB 4.6 documents establishing: <ul style="list-style-type: none"> • Legal and financial autonomy • Operation under commercial law • Establishing that the Bidder is not under the supervision of the Purchaser
8. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership. <i>[If required under BDS ITB 45.1, the successful Bidder shall provide additional information on beneficial ownership, using the Beneficial Ownership Disclosure Form.]</i>

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]*

RFB No.: *[insert number of Bidding process]*

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

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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 4.4. <input type="checkbox"/> In case of a state-owned enterprise or institution, documents establishing legal and financial autonomy, operation in accordance with commercial law, and that they are not under the supervision of the Purchaser, in accordance with ITB 4.6.
8. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership. <i>[If required under BDS ITB 45.1, the successful Bidder shall provide additional information on beneficial ownership for each JV member using the Beneficial Ownership Disclosure Form.]</i>

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

(Group C Bids, goods to be imported)						Date: _____		
Currencies in accordance with ITB 15						RFB 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 <i>[insert place of destination]</i> 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*

(Group C Bids, Goods already imported)

Date: _____
 RFB No: _____
 Alternative No: _____
 Page N° _____ of _____

Currencies in accordance with ITB 15

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 14.8 (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

Purchaser’s Country _____		(Group A and B Bids) Currencies in accordance with ITB 15				Date: _____ RFB 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

Currencies in accordance with ITB 15						Date: _____
						RFB 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)
<i>[insert number of the Service]</i>	<i>[insert name of Services]</i>	<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>
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]*

RFB No.: *[Purchaser to insert reference number for the Request 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 Request for Bids No. _____ ("the RFB").

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 sign 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)

[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]*¹ *[amount in words]*, for the payment of which sum, well and truly to be made, we, the said Principal and Surety, bind ourselves, our successors and assigns, jointly and severally, firmly by these presents.

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__.

¹ 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

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

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

Bid No.: *[number of RFB 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 or submitting proposals 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 sign 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]*

RFB No.: *[insert number of RFB 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 4.8 and ITB 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 4.8(a) and ITB 5.1: *[insert a list of the countries following approval by the Bank to apply the restriction or state “none”].*

Under ITB 4.8(b) and ITB 5.1: *[insert a list of the countries following approval by the Bank to apply the restriction or state “none”]*

Section VI - Fraud and Corruption

(Section VI shall not be modified)

1. Purpose

1.1 The Bank's Anti-Corruption Guidelines and this annex apply with respect to procurement under Bank Investment Project Financing operations.

2. Requirements

2.1 The Bank requires that Borrowers (including beneficiaries of Bank financing); bidders (applicants/proposers), consultants, contractors and suppliers; any sub-contractors, sub-consultants, service providers or suppliers; any agents (whether declared or not); and any of their personnel, observe the highest standard of ethics during the procurement process, selection and contract execution of Bank-financed contracts, and refrain from Fraud and Corruption.

2.2 To this end, 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;
 - ii. "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
 - iii. "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
 - iv. "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
 - v. "obstructive practice" is:
 - (a) 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

- (b) acts intended to materially impede the exercise of the Bank’s inspection and audit rights provided for under paragraph 2.2 e. below.
- b. Rejects a proposal for award if the Bank determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring misprocurement, if the Bank 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 process, selection and/or execution 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. Pursuant to the Bank’s Anti- Corruption Guidelines, and in accordance with the Bank’s prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;¹ (ii) to be a nominated² sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
- e. Requires that a clause be included in bidding/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders (applicants/proposers), consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents personnel, permit the Bank to inspect³ all accounts, records and other documents relating

¹ For the avoidance of doubt, a sanctioned party’s ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and bidding, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

² A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has 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.

³ Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms.

to the procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the Bank.

Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.

PART 2 – Supply Requirements

Section VII - Schedule of Requirements

Contents

No table of contents entries found.

1. List of Goods and Delivery Schedule

Line Item N°	Description of Goods	Qty.	Unit of Measure	Final Destination or Project Site	Delivery (as per Incoterms) Date		
					Earliest Delivery Date	Latest Delivery Date	Bidder's offered Delivery Date (Bidder to Provide Dates)
1.	LOT 1: Laboratory Analytical Equipment	Assorted	No	DWRM, Entebbe	12 weeks from the date of signing of agreement	16 weeks from the date of signing of agreement	
2.	LOT 2 Laboratory processing, containment and storage equipment	Assorted	No	DWRM, Entebbe	12 weeks from the date of signing of agreement	16 weeks from the date of signing of agreement	
3.	LOT 3: Field sampling and measurement equipment	Assorted	No	DWRM, Entebbe	12 weeks from the date of signing of agreement	16 weeks from the date of signing of agreement	
4.	LOT 4: Laboratory Apparatus and glassware	Assorted	No	DWRM, Entebbe	12 weeks from the date of signing of agreement	16 weeks from the date of signing of agreement	

2. List of Related Services and Completion Schedule

Service	Description of Service	Quantity	Physical Unit	Place where Services shall be performed	Intended completion period for the supply and installation contract
1.	Installation of Fume cupboards, test running and training of laboratory staff.	3	No.	Regional Water Quality Laboratory Premises in Lira, Mbale, Mbarara	6 Months
2.	Installation, test running training and technical commissioning of assorted laboratory analytical equipment for Lot 1	3	No.	Regional Water Quality Laboratory Premises in Lira, Mbale, Mbarara	6 Months

3. Technical specifications

3.1. General Specification

- i. All goods and materials to be incorporated in the supply have to be new, unused, and of the most recent or current models, and incorporate all recent improvements in design and materials unless provided otherwise in the contract. The specifications offered by the supplier will be part of the contract between DWRM/GoU and the selected supplier, and will be used by the inspection authority to verify compliance on delivery.
- ii. Wherever reference is made in the Technical Specifications to specific standards and codes to be met by the goods and materials to be furnished or tested, the provisions of the latest current edition or revision of the relevant standards or codes in effect shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national or relate to a particular country or region, other authoritative standards that ensure substantial equivalence to the standards and codes specified will be acceptable
- iii. All PC based system, with software based control and data acquisition should be complete with fit for purpose PC, Printer, UPS. Software should be able to efficiently acquire& process the data and it must have a complete system control. The necessary software should all be fully Windows based.
- iv. The costs of installations and initiation equipment training shall be part of the providers bid.

LOT 1: LABORATORY ANALYTICAL EQUIPMENT

No	Item description	Quantity	Comply	Comments
1.1	<p>Automatic Ion Chromatography modular System The system must be able to simultaneously analyze most of the anions like fluoride, chloride, nitrate, bromide, phosphate, sulphate, nitrite, ammonia, silica, nitrate, bicarbonate/carbonate; cations like lithium, sodium, potassium, calcium, potassium by conductivity detection.</p> <p>It should be automatic ion chromatography modular system which can be customized to any application need. It should be PC based system, with software based control and data acquisition which can perform both suppressed and non-suppressed conductivity applications. All the standard columns can be used the system. The software should be able to identify pumps, columns, detection automatically. Software should efficiently acquire& process the data and it must have a complete system control. The necessary software should be fully Windows based.</p> <ul style="list-style-type: none"> ❖ Ion chromatography module: Should be of the following wetted materials: PEEK, PPS, PTFE and flow cells of stainless steel. Dimensions: 396 x 165 x 478mm. Power supply: 100-250V (47-63Hz). ❖ Pump System: Should be of the following wetted materials: PEEK, Teflon AF, PVDF, Ceramics, Sapphire. Dimensions: 396 x 165 x 478mm. Power supply: 100-250V (47-63Hz). ❖ A high pressure pump of serial dual piston type must be provided which must have programmable analytical flow rate of 0.001 to 10,000 mL/min with a flow accuracy $\pm 1.0\%$ 1.000mL/min and flow precision of $\pm 0.1\%$ RSD 1.000mL/min. Pulsation must be lower than 1% with a pressure range of 0 – 6000 psi. ❖ Conductivity Detector: A microprocessor based conductivity detector for analysis of anion and 	3		

	<p>cation, with a thermostat based micro-flow cell volume of 0.76μL. The user should be able to set temperature of the conductivity block between 20 – 50 °C. Conductivity measurement range must be between 20nS/cm to 20000 μS/cm with electronic noise < 0.01nS/cm at 1μS/cm level and Temperature coefficient in the range of 0-5%.</p> <ul style="list-style-type: none">❖ IC columns and column housing: Columns should be coated with respective guards and must possess an electronic chip for storing data and complete usage history including number of injections and working hours. Housing should be able to identify the columns and set the optimal operating conditions for column operations.❖ Column oven: Column oven should operate in the range of +30 – 100°C with 20°C as ambient temperature. Temperature accuracy should be <0.1°C. The switching valve should be compatible with any S6000 series valves.❖ Sample Injection system: Should be of the following wetted materials: PEEK, PPS, PVDF. One injector port with number of Dual position 6-Port injector valve with fast response time and controlled through software. Sample capacity of 120 (1.5ml) and 192 microliter plates. Injection volume must be programmable range of 0.1 – 999.9μL with injection precision of <0.5% variable volume injection, correlation factor of <0.999 and a carryover of <0.05% with wash programme. Dimensions 396 x 275 x 478 mm. Power supply: 100-250V (47-63Hz).❖ Auto Suppressor: Auto suppressor should comprise membrane pump system and safety systems. The auto suppressor should have high loading high backpressure capacity (at least 350psi) with continuous regeneration and must be able to take high flow rate up to 10mL/min. The regeneration of the suppressor should be by external mode with an option of controlling the regenerant flow rate.			
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	<p>Suppressor should have at least 8 years or more warranty with warranty certificate from manufacturer.</p> <ul style="list-style-type: none"> ❖ Auto Sampler: An auto sampler of at least >30 positions with 0.1 – >10mL sample capacity vials should be quoted along with the system. The entire set-up provided should be automatic and controlled through the software. ❖ Computer, printer and UPS: Compatible PC complete with all accessories and cables to connect with all system components; Printer (black & white) and Power back up system not less than 6kva to run the system for at least 2 hours during power interruptions. ❖ Others: Three-year instrument warranty on the instrument and No gas should be required for the entire operation of the system. Replaceable parts and consumables for a period of two years. Supplier should provide a costed list of spare parts and annual service. 			
1.2	<p>Fats, Oil and Grease Analyzer Capable of quickly and accurately measuring within 15 minutes the Total Oil and Grease (TOG), Fats, Oils and Grease (FOG) and Total Petroleum Hydrocarbons (TPH) in water, wastewater and soil.</p> <p>Technical Specifications</p> <ul style="list-style-type: none"> ❖ MDL water and Soil should be 0.1ppm and 1ppm respectively ❖ Solvent used should be perchloroethylene S-316, Freon -113 ❖ Method Complies Compares to ASTM D7066 EPA 413.2 AND EPA 418.1 and EPA 1664 ISO 9377-2 ❖ Analytical wavelength/Wave Number - 3.4μS,2930cm⁻¹ ❖ Power requirements - 18volts DC,3.3amps, internal battery 	2		

	<ul style="list-style-type: none"> ❖ Power supply Universal - AC/DC provided ❖ Weight -5.8lb (2.6kg), with battery-7.0lbs(3.2kg) ❖ Dimensions (17x19.8x13.2)cm ❖ Suggested Operating Range – 5°C -40°C ❖ Measurement Range for oil in water- 0.1-1000+ppm ❖ Measurement Range for Soil -1- 5000+ppm ❖ Analysis Time – 10-15 minutes, including extraction process ❖ Instrument Repeatability ±0.1ppm ❖ Communication port – USB, RS 232 ❖ Dimensions: 17cm x 19.8cm ❖ Weight: 2.6kg, with battery: 3.2kg ❖ Warranty of 2 years 			
1.3	<p>Mercury Analyzer Capable of fully automated continuous analysis of trace mercury levels in water and digested. samples.</p> <p>It should be a PC based system, with software based control and data acquisition. The software should be able to identify spectrometer, sampler and system components automatically. Software should efficiently acquire& process the data and it must have a complete system control. The necessary software should be fully Windows based.</p> <p>Technical Specification:</p> <ul style="list-style-type: none"> ❖ Measuring principle: Amalgam on gold (MI Gold Trap), UV Absorption (Cold Vapor Atomic Absorption Spectroscopy-CVAAS), wavelength – 253.7nm. ❖ UV Source: Electrodeless low pressure mercury lamp (EDL) ❖ Stabilization Reference beam method ❖ Optical cell: Fused silica, heated approximated to 45 degrees. ❖ method: ❖ Measuring range: 10ng/L to 50µg/L (Gold trap deactivated); 1ng/L to 5µg/L (Gold trap activated) ❖ Detection limits: <10pg/L Hg (Gold trap deactivated); 	1		

	<p>< 5pg/L Hg (Gold trap activated)</p> <ul style="list-style-type: none"> ❖ Carrier gas: Argon (Optional Nitrogen), 4-6L/h, stabilized with electronic mass flow controller. ❖ Auto sampler: 53 place random access, turn table type. ❖ Sample vials: 10ml, glass, Aluminum foil disc covers. ❖ Sample consumption: Approx. 1mL ❖ Heating coil temperature: Approx. 98oC. ❖ Zero drift: None, Auto Zero before measurement ❖ Measuring duration: Typical 60- 180 seconds ❖ Electricity power supply: 230-240VAC/50Hz ❖ Electricity power consumption: Approx. 100VA ❖ Bench space requirements: Approx. 50 x 70 cm (PC not included). ❖ Computer, printer and UPS: Compatible PC complete with all accessories and cables to connect with all system components; Printer (black & white) and Power back up system to run the system for at least 2 hours during power interruptions. ❖ Others: Three-year instrument warranty on the instrument. Replaceable parts and consumables for a period of two years. Supplier should provide a costed list of spare parts and annual service. 			
<p>1.4</p>	<p>Bench Turbidimeter Capable of measuring Turbidity in the ranges (0-10000NTU) in water and wastewater.</p> <p>Equipment Specification:</p> <ul style="list-style-type: none"> ❖ Accuracy: Ratio on: ±2% of reading plus 0.01 NTU from 0 - 1000 NTU, ±5% of reading from 1000 - 4000 NTU ±10 % of reading from 4000 - 10000 NTU ❖ Ratio off: ±2% of reading plus 0.01 NTU from 0 - 40 NTU ❖ Accuracy 3: Absorbance: ±0.01 Abs from 0 - 0.5 Abs at 455 nm, ±2% Abs from 0.5 - 1 Abs at 455 nm ❖ Transmittance: 2% T from 10 - 100% T at 455 nm ❖ Air Purge: Dry nitrogen or instrument grade air 	<p>3</p>		

	<p>(ANSI MC 11.1, 1975)</p> <ul style="list-style-type: none"> ❖ scfm at 69 kPa (10 psig); 138 kPa (20 psig) max ❖ Hose barb connection for 1/8-inch tubing ❖ Certifications: CE, KC, RCM ❖ Communication: USB ❖ Data Logging: 2000 total logs, includes reading log, verification log and calibration log ❖ Dimensions (H x W x D): 153 mm x 395 mm x 305 mm ❖ Display: 17.8 mm (7 in.) color touch screen ❖ Interface: 2 USB-A ports for USB flash drive, external printer, keyboard and barcode scanner ❖ Light Source: Tungsten filament lamp ❖ Measurement Method: Nephelometric ❖ Operating Temperature Range: 0 - 40 °C ❖ Power Requirements (Amps): 3.4 A ❖ Power Requirements (Hz): 50/60 Hz ❖ Power Requirements (Voltage): 100 - 240 VAC ❖ Range: NTU (Ratio on): 0 - 10000 auto decimal ❖ NTU (Ratio off): 0 - 40 ❖ EBC (Ratio on): 0 - 2450 auto decimal ❖ EBC (Ratio off): 0 - 9.8 ❖ Absorbance (auto range): 0 - 1.0 ❖ Transmittance (%): 1.0 - 100 ❖ Degree (mg/L): 1 - 100 ❖ Reading Modes: Single, continuous, Rapidly Settling Turbidity™, signal averaging on or off, ratio on or off ❖ Regulatory: Meets EPA Method 180.1 ❖ Repeatability: ±1% of reading or 0.01 NTU, whichever is greater (under reference conditions) ❖ Response Time: Signal averaging off: 6.8 seconds / Signal averaging on: 14 seconds (when 10 measurements are used to calculate the average) ❖ Sample Cell Compatibility: Round cells 95 x 25 mm (3.74 x 1 in.) borosilicate glass with rubber-lined screw caps ❖ Smaller sample cells (less than 25 mm) can be used when a cell adapter is used. 			
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	<ul style="list-style-type: none"> ❖ Sample Requirements: 25 mm sample cell: 20 mL minimum ❖ 0 to 70 °C (32 to 158 °F) ❖ Stabilization Time: Ratio on: 30 minutes after start-up ❖ Ratio off: 60 minutes after start-up ❖ Storage Conditions: -20 to 60 °C ❖ Units: NTU, EBC, Abs (absorbance), %T (% transmittance) and mg/L ❖ Weight: 3.0 kg ❖ Warranty of 2 years 			
<p>1.5</p>	<p>Bench pH/ Ion Meter The meter is capable of measuring pH values ranging (0-14 pH Values) in water and Wastewater.</p> <p>Technical Specification:</p> <ul style="list-style-type: none"> ❖ Universal instrument for measurements of pH, mV/ORP and ions ❖ pH-range: -2.000 to 20.000 ❖ pH-resolution: User-definable: 0.001 / 0.01 / 0.1 ❖ pH-relative accuracy: ± 0.002 ❖ mV-range: -2000.0 to 2000.0 ❖ mV-resolution: 0.1 ❖ mV-relative accuracy: ± 0.2 ❖ Temperature range °C: MTC: -30.0 to 130.0 & ATC: -5.0 to 130.0 ❖ Temperature accuracy °C: ± 0.1 ❖ Display: TFT color 4.3 inch crystal clear touch screen ❖ Power supply: Ext. power supply 9-12V/10W ❖ Concentration range: 1.00E-9 to 9.99E+9 ❖ Conc. Accuracy: +/- 0.5% ❖ Integrated USB and RS232 interfaces for data exchange 	<p>3</p>		

	<ul style="list-style-type: none"> ❖ Supplied complete with electrode and electrode stand ❖ Warranty of 2 years 			
1.6	<p>Bench Conductivity meter Used for measuring the electrical Conductivity (EC) that indicates level of mineralization in the water and wastewater. The EC is 0.01 $\mu\text{S}/\text{cm}$ - 200.0 mS/cm.</p> <p>Technical Specification:</p> <ul style="list-style-type: none"> ❖ Instrument: Bench ❖ IP Rating: IP54 (Resistant to spray of water; Dust-proof) ❖ ISE Direct Measurement Range: Yes ❖ ISE Electrode Calibration: 2 - 5 points ❖ Languages: English, French, German, Italian, Spanish, Danish, Dutch, Polish, Portuguese, Turkish, Swedish, Czech, Russian ❖ Measurement Method: Probe specific programmed method settings ❖ Multi/1 Channel ❖ mV Measurement at Stable Reading: Yes ❖ mV Measurement Range: -1500 - 1500 mV ❖ mV Resolution: 0.1 mV ❖ Operating Error Messages: Clear text error messages displayed ❖ Operating Humidity: 90 % relative humidity (non-condensing) ❖ Operating Interface: Soft Touch Keypad ❖ Operating Temperature: 0 - +60 °C (32 - 140 °F) ❖ Probes included: conductivity ❖ Resistivity Measurement: 2.5 $\Omega\cdot\text{cm}$ - 49 $\text{M}\Omega\cdot\text{cm}$ ❖ Resistivity Resolution: 0.1 ❖ Salinity Measurement Range: 0 - 42 (ppt) (‰) ❖ Salinity Resolution: 0.01 (ppt) (‰) ❖ Temperature Compensation: Automatic Temperature 	3		

	compensation for pH ❖ Temperature Measurement: °C or °F ❖ Temperature Range: -10°C - 110 °C ❖ Temperature Resolution: 0.1 ❖ Warranty: 3 years			
1.7	Bench DO/BOD Meter Capable of taking Dissolved Oxygen (DO) measurement in the water and wastewater ranging from 0.000 to 50 mg/L (ppm) Technical Specification: Dissolved Oxygen: ❖ DO Measuring range: 0.000 ... 50 mg/L (ppm) ❖ DO Display resolution: 0.001 ❖ DO Accuracy: ± 0.1 mg/L from 0 to 8, ± 0.2 mg/L from 8 to 20 and ± 10% from 20 to 50 ❖ DO Units: mg/L, ppm ❖ DO saturation (Measuring range / Resolution): 0.0 to 500% / 0.1 ❖ Pressure (Measuring range): 500 to 1100 mbar ❖ Pressure (Resolution / Accuracy): 1 /±1 ❖ Calibration points: 2 ❖ Sensor input: MiniLTW (IP67) ❖ Pressure compensation: automatic / manual ❖ Supplied complete DO/BOD expansion unit, 2 blank expansion units, electrode holder, semi-transparent cover, operating instructions, installation and quick guide, pH PC software, declaration of conformity, test certificate, Optical DO sensor, guide to DO measurement and zero oxygen tablets ❖ Warranty of 2 years	3		
1.8	Analytical Digital Balance (4 decimals) Highly sensitive, capable of measuring small weighs of the Reagents and Standards of a range up to 210 g Technical Specification: ❖ Compact design	3		

	<ul style="list-style-type: none"> ❖ All-metal housing ❖ Draft shield included ❖ Break proof glass parts ❖ In-use display cover ❖ Backlit LC, touch screen ❖ Stainless steel weighing plate ❖ Fully automatic, external calibration ❖ Calibration weight must be included ❖ Power or battery operated ❖ UK Power plug and adaptor included ❖ ISO/GLP certified ❖ Dust cover included ❖ Weighing range(g): up to 210 ❖ Readability(mg): 0.1 ❖ Reproducibility (Std. dev.)(mg): 0.1 ❖ Linearity (mg): ±0.2 ❖ Tare range: To capacity by subtraction ❖ Stabilization time (sec): 4 ❖ Sensitivity drift (10-30°C): ±2ppm/ °C ❖ Built-In Interface: RS-232 with selectable Baud Rates ❖ Operating temperature range: 10 - 40 °C ❖ Calibration: Motorized internal and manual external ❖ Internal calibration weights: stainless steel – measured to ±0.1 mg at an air density of .200 mg/l on virtual mass with density 8.0 g/cm³ ❖ Power requirements:220/240V, 50/60Hz ❖ Display(cm): illuminated display(1.3 high) ❖ Pan size(cm): 9 ❖ Free height above pan(cm):24 ❖ Dimensions: (WxHxD)(cm): 19.5 x 40 x 31 			
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	❖ Net weight (kg): 10.2			
1.10	<p>Burette, Digitrate electronic Capable of delivering a certain amount of titration solution in analysis of Total alkalinity, Phenolphthalein alkalinity, Total Hardness, Bicarbonates, Calcium and Magnesium</p> <p>Technical Specification:</p> <ul style="list-style-type: none"> ❖ Digital readout of precise dispensed volume. ❖ Choice of two syringe capacities and accessory reservoirs. ❖ Primary bottle adaptor supplied. ❖ The 30mm screw thread fits directly onto the optional 1400ml amber reservoir bottle. ❖ Set of 4 adaptors having 33mm, 38mm, 40mm, 45mm screw thread for other bottles. ❖ Several dispensing cycles can be completed without zeroing the counter volumes up to 99.99ml can be dispensed. ❖ The Lithium fitted battery gives over 60,000 3-minute titrations. ❖ This electronic burette can be user calibrated to suit ambient conditions or viscosity of the liquid being dispensed. ❖ The electronic head can be positioned away from the delivery jet for safety and user comfort. ❖ The digital burette has a clear see-through borosilicate barrel protected with a transparent polypropylene sleeve enabling a visual check for barrel contents. ❖ A special delivery jet protection sleeves enables small containers to be filled safely and offers a visual check ensuring that bubbles have been eliminated from the system. ❖ For sterile dispensing a special aperture has been 	9		

	<p>molded into a platform base enabling a filter to be fitted. Only for use with single neck reservoirs.</p> <ul style="list-style-type: none"> ❖ Supplied with reservoir. ❖ Capacity (ml): 50 ❖ Accuracy (%): 0.1 			
1.11	<p>Variable volume pipettes, Single channel (100-1000µl)</p> <ul style="list-style-type: none"> ❖ For pipetting small volumes of samples and reagents ranging from 100-1000µl ❖ Single channel autoclavable air displacement pipettor. ❖ Design ensures low pipetting forces that reduce risks of repetitive strain injuries. ❖ Designed for both right handed and left handed use. ❖ Possibility of replaceable tip cone filters to help prevent contamination and damage to the pipettor. ❖ Easy to use. ❖ Uses disposable tips. <p>Volume range: 100 - 1000µl Increment: 1µl Tip: 1000µl Test volume; inacc (%); Impr. (%) 1000µl; 0.60%; 0.20%500µl; 0.70%; 0.25%100µl; 1.50%; 0.70%</p>	6		
1.12	<p>Variable volume pipettes, Single channel</p> <ul style="list-style-type: none"> ❖ For pipetting small volumes of samples and reagents. ❖ Single channel autoclavable air displacement pipettor. ❖ Volume range: 500 - 5000µl Increment:10µl Tip: 5000µl Test volume; inacc (%); ❖ Design ensures low pipetting forces that reduce risks of <i>repetitive strain injuries</i>. ❖ Designed for both right handed and left handed use. 	6		

	<ul style="list-style-type: none"> ❖ Possibility of replaceable tip cone filters to help prevent contamination and damage to the pipettor. ❖ Easy to use. ❖ Uses disposable tips. <p>Volume range: 500 - 5000µl; Increment:10µl Tip: 5000µl Test volume; inacc (%);Impr. (%) 5000µl; 0.50%; 0.15%2500µl; 0.60%; 0.30%500µl; 1.50%; 0.60%</p>			
1.13	<p>Thermo reactor block For COD digestion with closed tube method.</p> <ul style="list-style-type: none"> ❖ Dry temperature controlled device for laboratory use. ❖ Facilitates and secures the digestion using reaction cells with an outer diameter of 16mm. ❖ 5 fixed temperature programs. ❖ Reactor accommodates 24 reaction cells. ❖ Maintenance free. ❖ Reactor type: Dry temperature control device with safety cover ❖ Cell shafts: 24 cell shafts for reaction cells 16±0.2mm ❖ Reaction time setting: 30 min, 60min, 120min (via fixed programs) ❖ Temperature setting: 100oC, 120oC, 148oC via fixed programs. ❖ Controlling accuracy: ±1oC±1 Digit ❖ Temperature stability: ±0.5K ❖ Over temp. protection: 190oC±5oC ❖ Heating time with empty thermoblock) from 25 to: 100oC approx 5 min, 120oC approx. 7min, 148oC approx. 10min ❖ Temperature of the close at an environmental temperature of 25oC: <30oC with block 	3		

	temperature of 148oC ❖ Fuses: 2 x 3.15 AT ❖ Enclosure: PC ABS, can be recycled, high temperature resistant. ❖ Dimensions: (DxWxH):292x245x180mm ❖ Weight: 2.93kg			
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LOT 2: LABORATORY PROCESSING, CONTAINMENT AND STORAGE EQUIPMENT

No	Item description	Quantity	Comply	Comments
2.1	<p>Fume cupboards <u>Features:</u> Should provide superior containment of noxious chemical fumes at a face velocity of 0.5 m/s while addressing worker comfort through improved ergonomic design. Work zone baffles and aerodynamic air foil must be designed with Computational Fluid Dynamics (CFD) for enhanced safety, improved airflow uniformity and reduction in noise levels.</p> <p><u>Superstructure:</u> Should be a rugged dual-wall construction that allows service fixtures to be remotely-controlled and electrical outlets to be mounted outside the work zone within easy reach. The main body should be constructed of electro galvanized steel (zinc coated to prevent rusting even if the powder coat is abraded, and phosphated for better adhesion of the powder coating). It should contain Isocide powder coating for chemical abrasion and weathering resistance. It must be a state-of-the-art baffle system constructed of phenolic resin laminate that delivers maximum containment by ensuring airflow uniformity throughout the main chamber. Corrosion-resistant epoxy powder-coated electro galvanized steel airfoil safely ventilates fumes generated towards the front of the hood for superior operator protection. It must have a vertical-rising sash constructed of tempered laminated glass with fail-safe counterbalanced mechanism. The safety mechanism should cause sash to tilt and lock if a cable snaps. Dished work top should provide spill retention and should be constructed of phenolic resin that is highly corrosion-resistant material. Standard service fixtures should include 1 water fixture and 1 gas fixture. 2 electrical outlets should be provided in every hood</p>	2		

No	Item description	Quantity	Comply	Comments
	<p>(total rating: 5 A) <u>Aesthetics and Ergonomics Design</u> Perfect Pitch Profile: The gentle pitch of the hood should enhance visibility and enable users to work further into the hood without strain. The 8o sloped sash should allow users to lean forward with minimal glare and reflections. Complementary color scheme (neutral white with blue accents) should blend the hood with any casework, metal or wood. Must have an energy-efficient hood lighting through a pre wired, electronic ballast. Typical light intensity on work surface should be >900 lux in zero ambient conditions. Color temperature should be tuned to provide a gentle and comfortable work environment for the user. Serviceability: Should have a removable front panel that enable easy access to lighting and other electrical components mounted above the hood work chamber. Safety Certified and Tested All Esco fume hoods are manufactured for the most demanding laboratory applications. Independently tested and certified by Invent, UK to meet the requirements of the ANSI/ASHRAE 110-1995 Standard. Sash is clearly labeled with all operating instructions and illustrations. Technical specifications: Nominal size: 1.2 meter (4') External Dimensions (W x D x H): 1200 x 793 x 1500 mm Internal Work Area, Dimensions (W x D x H): 1000 x 592 x 1259 mm Exhaust Volume/ Static Pressure Required Face Velocity of 0.5 m/s (100 fpm) at Full Open Sash: 1296 cmh at 70 Pa or 763 cfm at 0.28" WG Exhaust Outlet Diameter: 305 mm (12") Fluorescent Light Intensity: 970 lux (90 foot-candles)</p>			

No	Item description	Quantity	Comply	Comments
	<p>Main Body: EG steel with oven-baked Epoxy-polyester hybrid Isocide™ powder coating Internal Liner & Baffle System: Resinate phenolic resin laminates Work Top: Phenolic Resin Sash Material: Tempered Laminated and Framed Sash Glass Sash Configuration: Vertical Maximum Sash Opening: 550 mm (21.7") Supplied complete with: 1 x Dished phenolic resin worktop 4 x Electrical socket outlets - Maximum rating is 5 Amps for both 1 x Swan-neck faucet 1 x PP Drip Cup located on left hand side of worktop 1 x Gas fitting 1 x Base cabinet 1 x Exhaust collar Warranty of 2 years</p>			
2.2	<p>Storage Acid Base cabinets Storage of acids and bases used in analysis of water and wastewater samples in the Laboratory Upright Housing of double skinned, epoxy resin coated Electrostatically galvanized steel. Separate storage of acids and bases in corrosion resistant dishes polypropylene trays on non-tilt pull out runners supplied with each cabinet. Cabinet can be ventilated to external fan. Cabinet are supplied with standard internal fittings and without fan. Light blue/grey colour. Dimensions, External, w x d x L</p>	6		
2.3	<p>Sample storage refrigerators Used for Storage of water and wastewater samples</p>	6		

No	Item description	Quantity	Comply	Comments
	Configuration: Upright Capacity (Litres): 650 Height x Width x Depth: 1985 x 710 x 800 Shelves: 4 Temperature Range: +2 to +10 Door Type: Solid Lock Type: Key lock with two keys provided Temperature Display: yes High/Low Temperature Alarm: yes Door Open Alarm: yes Max/Min Temp. Recording: yes Auto Defrost: yes Energy Consumption: 2.43 kWh/24h Temperature Set Point range: +2 to +10 oC Operating Temperature: +5 oC Maximum shelf loading kg: 70 Exterior Construction: White polyester coated sheet steel Warranty of 2 years			
2.4	Drying ovens General Purpose Oven used for drying of Standards for processing the samples at set temperatures for a period of time. <u>Features</u> Micro-computer intelligent PID control system with LCD display. Forced air convection maintains temperature uniformity Stainless steel inner chamber and cold rolling steel electrostatic spraying exterior. Easy to clean semicircular corners with adjustable shelves Door with wide double-glass observation window and adjustable air-tight buckle lock Silicon rubber sealing ring prevents heat loss Two independent temperature safety device, auto alarm	3		

No	Item description	Quantity	Comply	Comments
	<p>and heating suspension in case of failure of main controller Automatic switch-off timer Can be connected to printer</p> <p><u>Technical Specifications</u> Capacity: 125 L Temperature Range: RT+10-300°C Temperature Accuracy: ±1°C Temperature Uniformity: ±2.0°C Temperature Resolution: ±0.1°C Timer Range: 1-9999 min Internal Dimension (WxDxH): 500x450x550 mm Overall Dimension (WxDxH): 636x680x915 mm Package Size: 750x730x1020 mm Shelves 2 Weight 60/72 kg Power 2300 W Power Supply 220V, 60Hz 2 year Warranty period</p>			
2.5	<p>BOD incubator Capable of incubating BOD Samples at a temp of 20oC Technical Specification: Shelves: 4 widely spaced Number of samples: 4 x 12 BOD standard, 4 x 6 special vessels Solid/ Glass door Must have axial ventilator/fan Temp. control range +10 °C ... +40 °C (50 °F ... 104 °F) ±1 K; Adjustment interval: 1 °C Ambient temperature, Operation: +10 °C ... +32 °C (50 °F ... 89.6 °F) (Climate class SN); Storage: -25 °C ... +65 °C (-13 °F ... 149°F) Electronic temperature control: 20°C±1°C</p>	3		

No	Item description	Quantity	Comply	Comments
	<p>Microcontroller for minimum energy consumption: Yes Gross contents: 500 l Dimensions (H x W x D)outside: 1515 x 755 x 715 mm; inside: 1338 x 646 x 516 mm Temp. Micro Control TMC (H x W): 120 x 340mm Inner power outlets: 4 Coolant: R134a Should be Analog Net weight: approx. 80 Kg Warranty of 2 years</p>			
2.6	<p>Laboratory Trolleys Used to carry and move the samples from the refrigerator to the Work benches and verse versa Specification Multi bin Fitted with plastic bins instead of shelves or trays. Supplied with either two or three tiers (6 or (bins). Made from stove enameled steel with 127mm diameter castors</p>	6		
2.7	<p>Bench top High Speed Centrifuge <u>Features</u> Microcomputer controlled programmable operation with touch panel TFT true-colour LCD wide screen displays set and run conditions for easy monitoring Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation Store 20 programs in centrifuge memory which are retained even after powering down the centrifuge Fully stainless steel structure and a stainless steel cavity makes the machine safe and more efficient Acceleration/Deceleration takes around 30 sec to 1 min Multiple layers of shock absorbers with auto balancing function</p>	1		

No	Item description	Quantity	Comply	Comments
	<p>Dedicated key indicating centrifugal force System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors Safety features: Self diagnostic, Rotor unbalance detector, Lid protection, Over speed protection, Over temperature protection</p> <p><u>Technical Specifications</u> Maximum Capacity (No of tubes x Vol.): 6x50 ml Maximum Speed RPM : 18500 Speed Increment: ±50 rpm Maximum RCF : 23610xg Timer Range : 0-99h 59 min Overall Dimension : 500x440x330 mm Program: 20 user programs Control Microcomputer Display LCD Noise Level: <65dB(A) Weight (Net/Gross): 35/42 kg Power :350 W Power Supply :220V, 50Hz Warranty of 2 years</p>			
2.8	<p>Autoclave Capable of Sterilizing the microbiology sample bottles and used up membrane filters</p> <p><u>Technical Specification</u> Material: Stainless steel 316 Capacity: 22 litres Internal diameter: 280mm Internal height: 490mm Overall width: 370mm Overall depth: 390mm Overall height: 700mm Hydraulic Test Pressure: 60psi Steam Test Pressure: 25psi Standard Working Pressure: 15psi</p>	3		

No	Item description	Quantity	Comply	Comments
	Standard Working Temperature: 121°C (+3°C/-0°C) Internal Electric Element, electronic thermostatic Control: 230V, 2.0KW Power supply of 210-240V, 50/60Hz Complies with: H & SE PM73 (Lid Locking) and international electrical safety standards Include a set of spares for replaceable parts			
2.9	Dissector For dust free and moisture free storage in refrigerators, freezers and on bench tops of anhydrous, hygroscopic biological and chemical that required controlled conditions. <u>Technical specifications</u> Color: Clear Dimensions: 30.5 x 30.5cm Material: Acrylic <u>Accessories</u> Neoprene gasket Three stainless steel latches Full-height hinge, Removable solid desiccant lipped tray, vented shelves Desiccant	3		
2.10	Filtration assembly/unit <u>Features:</u> Should be designed for low noise and vibrations. Small to fit table or floor and energy efficient. Should be rugged and low maintenance. Unit should include: Funnel, base/support, clamp and stopper to mount on manifold cup. <u>Rotary vane mechanical vacuum pump:</u> Speed of Evacuation:120 L/Min Ultimate pressure: ≥ 0.08 Mpa Vacuum: 200mbar Motor Power (W): 300W <u>Vacuum manifolds:</u> 3-place stainless steel vacuum manifold to accommodate 90mm holders. The manifold	3		

No	Item description	Quantity	Comply	Comments
	<p>should allow filtration of multiple samples either at once or independently by controlling the separate branch valves. Two way valve with PTFE stop cock. The manifold outlet should be 1/4" male to hose barb fitting and connects to 3/8" id tubing. The manifold should be autoclavable.</p> <p><u>Filtration assemblies:</u> Borosilicate glass filter assembly. 100ml funnel should be graduated. Filter size: 90mm. Pre-filter size: 70mm and Filtration area: 43cm².</p> <p><u>Accessories:</u> Supplied complete with tubing's, filtration units (10pc).</p>			
2.11	<p>Microwave digestion system</p> <p>For closed vessel acid digestion of environmental matrices for trace elements complete with all required accessories, spares and cables.</p> <p><u>Features:</u> Microwave digestion system with 10 nos. vessel rotor for quick dissolution of various sample like waste water, sludge, soil, sediment, rocks, vegetation, dry powder of marine organisms without loss of heavy metals from sample solution. The system should have metal body (not plastics/polymer for fire safety) and should have solid steel door for safety.</p> <p><u>Magnetron:</u> Dual Magnetron system with good diffuser for homogenous microwave power distribution in the cavity. Microwave frequency should be 2450MHz and installed power should be 1900W minimum or higher (two magnetrons minimum 950W each).</p> <p><u>Cavity:</u> Stainless steel housing with PTFE plasma coating for corrosion resistance. Also all hardware should have protective coating for the resistance from mineral acid. The microwave cavity should be designed for volume of about 43 litres. There should be provision of door lock so</p>	3		

No	Item description	Quantity	Comply	Comments
	<p>that it cannot be opened if the temperature inside the vessel is not safe. Also all hardware should have 5 layer protective coating for the resistance</p> <p><u>Safety requirements:</u> 18/8 stainless steel housing with multi-layer PTFE coating with a large flange with 36 mm ID. Additional multiple ports on the sidewalls of the microwave cavity. Protected against acids and solvents with polymer coating on both inner and outer surfaces. Self-resealing pressure responsive door mounted on sprigs, to ensure maximum safety even in case of overpressure release. Door completely made of 18/8 stainless steel. An automatic door locking system ensures to keep the door closed until the set temperature is reached. User can modify the set temperature according to the laboratory needs. Four independent door safety interlocks to prevent microwave emission in case of improper door closure or misalignment. Built-in exhaust system located above the microwave cavity and separated from the electronics to prevent corrosion. Dual magnetron system with rotating diffuser for homogeneous microwave distribution in the cavity. Exclusive magnetron protection from reflected microwave power. Continuous and PID-controlled microwave emission at all power levels.</p> <p><u>Exhaust:</u> The system should have inbuilt exhaust system to cool the vessels and to drive away if any fumes in the cavity.</p> <p><u>Vessels:</u> Minimum 10 position high-pressure rotor should be offered with 10 vessels. Vessels on the rotor should be segmented for easy use. Facility to use one or all the vessels together. Every vessel must have a vent-and-reseal spring to safely release the pressure in case of overpressure. Burst-disk, membrane or self-releasing / continuous venting device are not suitable due to very low</p>			

No	Item description	Quantity	Comply	Comments
	<p>performance.</p> <p>Number of vessels can be used in run-1 to 10(even single vessel digestion should be possible.). Maximum Temperature capacity of vessel should be up to 300°C. Maximum Pressure capacity of vessel should be up to 100 bar (1500psi). Volume of Vessel should be max. 100ml Vessel. Material-PTFE-TFM Safety Shield-PEEK reinforced with glass fiber.</p> <p><u>Sensors:</u> IR Temperature sensor should be offered for each vessel temp control and monitoring. Also same temperature should be displayed on the software. The software should automatically reduce the microwave power in case of over temperature avoiding sample loss.</p> <p><u>Controller:</u> It should be Touch-screen 4,3” TFT display 480x272 VGA resolution with 16M colors. Icon-driven software allowing the user the edit, saving, and run a virtually unlimited number of methods. Multiple levels access by password, such as User, Administrator and Service. The software must control all parameter online and display: temperature, time and power directly on the terminal.</p> <p><u>Power:</u> Power requirement : 230V, 50 Hz</p> <p><u>Warranty:</u> Vendor should offer one year warranty for the instrument. Also should offer minimum 3 years warranty against corrosion of cavity coating and 2 years warranty against Magnetron.</p> <p><u>Accessories:</u> Required accessories, cables, software, manuals, spares for 2 years will be supplied with the instrument.</p>			
2.12	<p>Water Double Distillation Unit or equivalent General features</p>	3		

No	Item description	Quantity	Comply	Comments
	<p>Power supply through included mains cable (without plug).</p> <p>Water Still for single distillation (fully automatic) with storage tank Suitable for both bench and wall mounting Distillate quality; conductivity approx. 2.3 $\mu\text{s} / \text{cm}$ at 25 °C</p> <p>Automatic switch off when the storage tank is full and automatic restart when distillate is withdrawn.</p> <p>Electronic impurity detector to switch the unit off in case of high degree impurities of the water in the evaporator and red pilot lamp clean" will glow. Thermostatic low water cut-off.</p> <p>Evaporator easily accessible for cleaning purposes</p> <p>Condenser (cooling coil) inside the storage tank, easily exchangeable</p> <p>Distillate withdrawal through drain cock with continuous and touch position.</p> <p>CO2 degassing through outlet in the condenser.</p> <p>Heating element, evaporator, storage tank and condenser made of stainless steel.</p> <p>Double-walled housing. Outer housing made of electrolytically galvanised sheet steel, electrostatically powder-coated with epoxy resin.</p> <p>Water supply through a built-in solenoid valve with connection for pressure hose 1/2" (inner \varnothing approx. 12.7 mm).</p> <p>Cooling water outlet with hose connection 3/4" (\varnothing approx. 19.0 mm).</p> <p>Hoses for water in- and outlet to be provided as accessory.</p> <p>Technical details</p> <p>Capacity: 12 l / h</p> <p>Conductivity: approx. 2.3 $\mu\text{s} / \text{cm}$ at 20 °C</p> <p>Storage tank capacity: 24 l</p> <p>Cooling water required: approx. 198 l / h</p>			

No	Item description	Quantity	Comply	Comments
	Minimum water pressure: 3 bar to max. 7 bar Exterior dimensions(W x D x H): 780 x 410 x 670 mm Electrical connection: 400 V / 50...60 Hz / 9.0 kW Net weight: approx. 43.0 kgs System should be able to produce water that meets 18 mega ohms			

LOT 3: FIELD SAMPLING AND MEASUREMENT EQUIPMENT

No	Item description	Quantity	Comply	Comments
3.1	<p>Ekman Grab sampler Purpose: For taking sediment samples from soft bottoms free from debris and plant growth.</p> <p>Technical specifications</p> <ul style="list-style-type: none"> ○ Maximum sample depth: >10m ○ Material: stainless steel, iron, other material ○ Rod or cable length: 30m ○ Rod or cable operated: Cable ○ Sample specification: Semi disturbed ○ Sample volume: 3.5L ○ Package size: 56 x 22 x 40 cm ○ Weight: 7 Kg ○ Dimensions: 152 x 152 x 152 mm <p><u>Accessories:</u> To be supplied complete and ready to deploy with cable (50m) and a reel.</p>	4		
3.2	<p>Potable Field Incubators: For safely and securely transporting and incubating microbiological cultures at stable conditions during the period of incubation.</p> <p>Features: Mini transportable incubator capable of maintaining internal temperature at 37oC.</p> <p>Features:</p> <p><u>Construction:</u></p> <ul style="list-style-type: none"> ○ Top-opening hinged lid with latch, with durable handles for easy carrying. ○ Double wall foam insulation, seamless, exterior construction of high-density polyethylene, foamed in place, closed-cell insulation. ○ Inside, molded poly with covered floor for ease of 	3		

No	Item description	Quantity	Comply	Comments
	<p>cleaning and disinfection.</p> <p><u>Electricals</u></p> <ul style="list-style-type: none"> ○ Unit completely pre-wired at factory and includes a 12VDC car adapter and AC/DC power supply cord. ○ A sole use circuit is required for charging. ○ Standard, redundant high temperature over-ride. ○ Optional battery pack operation ○ Ruggedized interface panel. ○ Redundant power inlets. <p><u>Dimensions</u></p> <ul style="list-style-type: none"> ○ Interior Dimensions: 34.29cm x 28.70cm x 31.75cm ○ Exterior Dimensions: 54cm x 47cm x 41cm ○ Weight: 6 Kgs <p><u>Accessories</u></p> <ul style="list-style-type: none"> ○ petri dish racks (1/pk) complete with re-usable petri dishes for 50 tests. ○ test tube rack ○ attached document pouch ○ battery pack ○ Filtration unit kit ○ Thermometer <p>Technical specifications</p> <ul style="list-style-type: none"> ○ Temperature range: Ambient +3°C to 37°C ○ Temperature control: ±2°C ○ Control readout: Actual and Set-Point Values ○ Controller: Microprocessor based ○ Calibration capability: Yes, actual and set values ○ Alarm: Visible ○ Alarm type: Absolute Hi/Lo, 0.1°C increments ○ Code length: <p><u>Starter kit</u></p>			

No	Item description	Quantity	Comply	Comments
	<u>To be supplied Each with Compact dry Nissui EC for coliforms and E.coli (2000 tests)</u>			
3.3	<p>Data sonde: <u>Purpose:</u> For deep lake deployment and insitu measurements up to 80m. Sufficient for simultaneous measurement of up to 15 parameters in water such as Dissolved Oxygen (Luminescence and polarographic), Conductivity, pH, turbidity (self-cleaning and 4-beam), depth, chlorophyll-a, blue-green algae, total dissolved gas, ORP, rhodamine, PAR and temperature. Provides the best sensors technology to provide high quality data. Capable of extended deployment where fouling and sediment is abundant. Capable of accommodating at least seven expansion ports configured to fit specific needs. Cable of deep deployment up to 80m underwater.</p> <p>Technical specifications <u>Dimensions:</u> <i>Outer diameter:</i> 8.9cm; <i>Length:</i> 58.4cm; <i>Weight:</i> max 3.35kg (typical); <i>Computer interface:</i> RS-232, SDI-12, RS-485; <i>Memory:</i> min 120,000 measurements; <i>Battery supply:</i> 8 C batteries; <i>Operating temperature:</i> -5 to 50oC.; <i>Maximum depth:</i> 225m. <u>Sensors:</u> <i>Dissolved Oxygen:</i> 0 – 60mg/L± 0.1mg/L; Resolution: 0.01mg/L. <i>Conductivity:</i> 0 to 100mS/cm ± 0.001mS/cm; Resolution: 4 digit. <i>pH:</i> 0 to 14 pH units ± 0.2units; resolution:0.01 units. <i>Turbidity:</i> 0 – 3000 NTU ±1NTU; Resolution: 0.1NTU. <i>Depth:</i> 0-200m ± 0.05m; Resolution: 0.01m. <i>Chlorophyll a:</i> 0.03 - 50µg/L ± 3% for signal level equivalents of 1ppb rhodamine WT dye; Resolution:0.01µg/L. <i>Total Dissolved Gas (TDG):</i> 400 – 1300mm Hg ± 0.1% of span; Resolution: 1.0 mm Hg. ORP: - 999 – 999 mV± 20 mV; Resolution: 1mV. <i>Rhodamine WT:</i></p>	3		

No	Item description	Quantity	Comply	Comments
	<p>0.04 – 100 ppb; Resolution: 0.01ppb. PAR: 0 – 10,000 $\mu\text{mol s}^{-1}\text{m}^{-2} \pm 5\%$ of reading; Resolution: 1 $\mu\text{mol s}^{-1}\text{m}^{-2}$ Temperature, -5 – 50oC $\pm 0.10\text{oC}$; Resolution:0.01oC. Cable: Connection cable between data sonde and laptop, solid, continuous; 100m length with a weather proof reel. Guide rope: Nylon rope, fitted with hooks at the end, 100m length with weather proof reel. Surveyor: Capable of data display in real time up to min. 375,000 measurements complete with GPS, barometer. Laptop computer: Suitable laptop computer, waterproof with Windows based operating system and purpose made software.</p> <p>Spares: To be supplied with additional sensor set for each parameter; Calibration solutions for each probe;</p> <p>Warranty: 2 years</p>			
3.4	<p>Vandorn (Horizontal) sampler <u>Purpose:</u> For sampling in waters that are stratified or with prevailing currents.</p> <p><u>Features:</u> Transparent tube with a plugs at either end, connected by a latex band. The plugs are kept open during the descent, which facilitates the passage of the water. Each plug has a tap so the sample can be retrieved. The new trigger (messenger operated) was designed to facilitate the loading of the bottle. It also allows the bottle to be attached to the main line. Internal thermometer (range -10°C/50°C) into the bottle, making it easy to see the temperature of the sample. The 5kg Van Dorn weight may be added to improve the verticality of the sampling.</p> <p>Materials: Made of methacrylate, acetal, and PVC. Includes AISI 316 stainless steel metal elements. Latex bands. NBR O-rings.</p>	3		

No	Item description	Quantity	Comply	Comments
	<p>Technical specifications:</p> <ul style="list-style-type: none"> • Capacity 6L • Weight 2.5kg • L 640mm • Ø 253mm <p>Accessories:</p> <ul style="list-style-type: none"> • Messenger MB. • Van Dorn weight 5kg. • Latex band. • Thermometer -10°C/50°C. • Hand spool and nylon rope (100m) • Van Dorn spares 			
3.5	<p>Ruttner bottle sampler Purpose: Robust and accurate, ideal for sampling shallow water.</p> <ul style="list-style-type: none"> • <u>Design:</u> The new trigger (messenger operated) designed to facilitate the loading of the bottle. Allows the bottle to be attached to the main line. Bottle includes a tap in the bottom plug and an air screw on the top, which facilitates the removal of the sample. A thermometer inside the bottle (range - 10°C/50°C) for easy temperature measurement of the sample. • <u>Materials:</u> Methacrylate, PVC, and AISI 316 stainless steel. • Includes plastic elements in acetal and polyamide. Lead weight.and NBR O-rings. 	3		

No	Item description	Quantity	Comply	Comments
	<p><u>Dimensions:</u></p> <ul style="list-style-type: none"> • Capacity 5L • Weight 6.8kg • L 850mm • Ø 220mm <p>Accessories:</p> <ul style="list-style-type: none"> • Messenger MB. • Thermometer -10°C/50°C. • Hand spool and nylon rope (100m) • Ruttner bottle spares 			
3.7	<p>Dipper sampler <u>Purpose:</u> Robust and accurate, ideal for sampling shallow water. <u>Specifications:</u> Stainless Steel Telescopic Swivel Dipper Telescope Water Sampling Sampler Rod 1000ml Ladle max 1.8m</p>	6		
3.8	<p>Bel-Art Adjustable Water Sample Dipper <u>Specifications:</u> 1000ml graduated polypropylene pitcher fixed with a downward offset at the end of the handle, improving the ability to sample from an elevated position. Minimum handle length of 91cm with adjustable length at fixed 15cm intervals. Three-part handle can be disassembled for cleaning. Telescoping aluminum handle extends 2.7m To safely reach water samples in tanks, lakes, ponds</p>	6		
3.9	<p>Phytoplankton net Product description: 35" long collection bag made of strong bolting netting cloth suspended by muslin reinforcement and mounted on a strong wire ring dia. 12". Three braided strong leads attached to swivel front. Lower end is provided with 2" opening with strong cloth pocket for tying the</p>	3		

No	Item description	Quantity	Comply	Comments
	collection vial. Supplied complete with a nylon rope 30m and vial cup.			
3.10	<p>Secchi disc (Professional model) <u>Product description:</u> Heavy-duty secchi disk is ideal for measuring marine or lake clarity. The weighted, 20cm diameter black-and-white disk features a strong, stretch resistant line calibrated every tenth of a meter for the first 2 meters and every meter thereafter for up to 20 meters (65'). A spindle for wrapping the line to be included.</p>	6		
3.11	<p>Hand held Depth Sounder For measuring the depth of water bodies.</p> <p>Technical Specifications Dimensions: 51 x 51 x 203 mm Screen Size: 42 x 22 mm Operating Temperature: -18~71 °c Depth Range: 0.7 m - 90 m Waterproof Rating: IPX8 to 200 ft (60 m) Battery: 9 Volt Alkaline. Battery Life: 25 Hours. Transducer Frequency: 200 kHz.</p>	3		
3.12	<p>Pocket Colorimeter For field determination of total and free chlorine in drinking water.</p> <p>Features</p> <ul style="list-style-type: none"> ○ Portable, rugged, water proof. ○ Measures one or two parameters. ○ Data logs last 10 points with measurement time. 	3		

No	Item description	Quantity	Comply	Comments
	<ul style="list-style-type: none"> ○ Back lit display. ○ Easy to use. <p>Technical Specifications</p> <ul style="list-style-type: none"> ❖ Two vials and reagents. ❖ Power supply: 4xAAA batteries, approximate life of 2000 tests ❖ Lamp: LED ❖ Detector: Silicon detector Wavelength: Fixed ±2nm Filter band width: 15nm Absorbance range: 0 to 2.5Abs. ❖ Dimensions: 6.1x15.5x3.5cm ❖ Net weight: 0.23kg 			
3.13	<p>Potable Field pH meter Rugged, easy to use Potable meter measuring pH/ORP without the need for multiple instruments.</p> <p><u>Features:</u></p> <ul style="list-style-type: none"> ○ AC power adaptor and USD/DC adaptor included ○ Automatic buffer recognition ○ Temperature correction. ○ Clear text error messages displayed ○ Soft touch key pad ○ Probe specific programmed method setting <p><u>Technical specification</u></p>	3		

No	Item description	Quantity	Comply	Comments
	<ul style="list-style-type: none"> ○ Mv measurement range: -1500 - 1500 mV. Resolution:0.1mV ○ pH measurement range: 0-14pH. Resolution: selectable, 0.001/0.01/0.1pH. ○ TDS measurement range: 0.00mg/L – 50g/L. Resolution:0.01mg/L – 0.1g/L ○ Automatic temperature compensation for pH ○ Temperature measurement: °C or °F. Resolution: 0.1 ○ Weight: max 430g with batteries. ○ Warranty: 3 years. <p><u>Accessories:</u></p> <ul style="list-style-type: none"> ○ Field low maintenance Gel filled pH electrode, 5m cable. ○ Sample container, 120ml High PF ○ Field kit ○ USB/AC Adaptor kit ○ USB cable, 1.8m; Type A male, Type B male ○ Protective glove ○ Potable rugged field case. ○ Electrode holder ○ Color coded probe clips ○ Meter stand ○ Alkaline batteries <p><u>Spares</u></p> <ul style="list-style-type: none"> ○ Protective Shroud kit ○ Shroud kit for rugged probe ○ Alkaline Batteries ○ Field low maintenance Gel filled pH electrode, 5m cable. 			

No	Item description	Quantity	Comply	Comments
3.14	<p>Potable Field Conductivity meter Rugged, easy to use Potable meter measuring Conductivity/TDS/Salinity.</p> <p><u>Features:</u></p> <ul style="list-style-type: none"> ○ AC power adaptor and USD/DC adaptor included ○ User defined calibration (Demal, Molar, NaCl and Sea water. ○ Off/Selectable calibration intervals/Alerts. ○ Compliant to CE.WEEE certification. ○ None, linear, NaCl Non-linear, Natural water conductivity measurements. ○ Temperature correction. ○ Clear text error messages displayed ○ Soft touch key pad ○ Probe specific programmed method setting <p><u>Technical specification</u></p> <ul style="list-style-type: none"> ○ Conductivity measurement range: 0.01 $\mu\text{S}/\text{cm}$ - 200.0 mS/cm; Resolution: 0.01 $\mu\text{S}/\text{cm}$ - 0.1 mS/cm. ○ TDS measurement range: 0.00mg/L – 50g/L. Resolution:0.01mg/L – 0.1g/L ○ Automatic temperature compensation for pH ○ Temperature measurement: $^{\circ}\text{C}$ or $^{\circ}\text{F}$. Resolution: 0.1 ○ Weight: max 430g with batteries. ○ Warranty: 3 years. <p><u>Accessories:</u></p> <ul style="list-style-type: none"> ○ Field 4-poles graphite conductivity cell, 5m cable. ○ Sample container, 120ml High PF ○ Field kit ○ USB/AC Adaptor kit 	3		

No	Item description	Quantity	Comply	Comments
	<ul style="list-style-type: none"> ○ USB cable, 1.8m; Type A male, Type B male ○ Protective glove ○ Potable rugged field case. ○ Electrode holder ○ Color coded probe clips ○ Meter stand ○ Alkaline batteries <p><u>Spares</u></p> <ul style="list-style-type: none"> ○ Protective Shroud kit ○ Shroud kit for rugged probe ○ Alkaline Batteries ○ Field 4-poles graphite conductivity cell, 5m cable. 			
3.15	<p>Potable Field DO meter Rugged, easy to use Potable meter measuring critical water quality parameters (pH/ORP, Conductivity/TDS/Salinity, Dissolved Oxygen/BOD) without the need for multiple instruments.</p> <p><u>Features:</u></p> <ul style="list-style-type: none"> ○ AC power adaptor and USD/DC adaptor included ○ Automatic buffer recognition ○ Barometric pressure measurement: Automatic compensation of DO when using LDO or LBOD probes. ○ Off/Selectable calibration intervals/Alerts. ○ Compliant to CE.WEEE certification. ○ Temperature correction. ○ Clear text error messages displayed ○ Soft touch key pad ○ Probe specific programmed method setting <p><u>Technical specification</u></p>	3		

No	Item description	Quantity	Comply	Comments
	<ul style="list-style-type: none"> ○ DO measurement range: 0.1 - 20.0 mg/L. Resolution:0.1mg/L ○ Mv measurement range: -1500 - 1500 mV. ○ Temperature measurement: °C or °F. Resolution: 0.1 ○ Weight: max 430g with batteries. ○ Warranty: 3 years. <p><u>Accessories:</u></p> <ul style="list-style-type: none"> ○ Field Luminescent/optical DO sensor, 5m cable. ○ Sample container, 120ml High PF ○ Field kit ○ USB/AC Adaptor kit ○ USB cable, 1.8m; Type A male, Type B male ○ Protective glove ○ Potable rugged field case. ○ Electrode holder ○ Color coded probe clips ○ Meter stand ○ Alkaline batteries <p><u>Spares</u></p> <ul style="list-style-type: none"> ○ Replacement LDO sensor cup ○ Protective Shroud kit ○ Shroud kit for rugged probe ○ Alkaline Batteries ○ Field Luminescent/optical DO sensor, 5m cable. 			

LOT 4: LABORATORY APPARATUS AND GLASSWARE

Technical Specifications required including applicable standards							
S/No	Item	Description	Capacity/size	Unit	Qty	Comply	Comments
4.1	Beakers	<input type="checkbox"/> <i>Low form</i> <input type="checkbox"/> <i>Pyrex/Duran borosilicate glass</i> <input type="checkbox"/> <i>Pouring spout</i> <input type="checkbox"/> <i>Graduated with clear marking</i>	10mls	10/pk	3		
			25ml	10/pk	3		
			50ml	10/pk	3		
			100ml	10/pk	3		
			250ml	10/pk	3		
			400ml	10/pk	3		
		600mls	10/pk	3			
		<input type="checkbox"/> <i>Low form</i> <input type="checkbox"/> <i>Pyrex borosilicate glass</i> <input type="checkbox"/> <i>Pouring spout</i> <input type="checkbox"/> <i>Graduated with clear marking</i> <input type="checkbox"/> <i>Heavy duty</i>	1000mls	5/pk	3		
		<input type="checkbox"/> <i>Tall form</i> <input type="checkbox"/> <i>Pyrex borosilicate glass</i> <input type="checkbox"/> <i>Pouring spout</i> <input type="checkbox"/> <i>Graduated with clear marking</i>	2000mls	2/pk	3		
<input type="checkbox"/> <i>Tall form</i> <input type="checkbox"/> <i>Pyrex borosilicate glass</i> <input type="checkbox"/> <i>Pouring spout</i> <input type="checkbox"/> <i>Graduated with clear marking</i>	1000ml	5/pk	3				
4.2	Flask- Conical	<input type="checkbox"/> <i>Erlenmeyer Narrow neck Heavy duty</i> <input type="checkbox"/> <i>Pyrex borosilicate</i>	250ml	10/pk	6		
			500ml	10/pk	6		

Technical Specifications required including applicable standards							
S/No	Item	Description	Capacity/size	Unit	Qty	Comply	Comments
		<i>glass</i> <input type="checkbox"/> <i>Double graduated metric scale.</i>	1000ml	5/pk	3		
			2000ml	5/pk	3		
4.3	Flasks - Volumetric	<input type="checkbox"/> <i>Volumetric</i> <input type="checkbox"/> <i>Stoppered</i> <input type="checkbox"/> <i>Borosilicate glass, one mark stopper flask.</i> <input type="checkbox"/> <i>Class A with a certificate</i> <input type="checkbox"/> <i>Complete with interchangeable polyethylene stopper.</i>	5ml	10/pk	3		
			10ml	10/pk	3		
			25ml	10/pk	3		
			50ml	10/pk	3		
			100ml	10/pk	3		
			250ml	10/pk	3		
			500ml	10/pk	3		
			1000ml	4/pk	3		
			2000ml	2/pk	3		
4.4	Funnels - Filter	<i>PE material, Funnel diameter 66mm and stem diameter 5mm. Cone angle 60O</i>		1/pk	6		
		<i>One mark, Class A. Soda lime glass. Markings in permanent</i>	1ml	5/pk	3		
	2ml		5/pk	3			
	3ml		5/pk	3			
	4ml		5/pk	3			
	5ml		5/pk	3			

Technical Specifications required including applicable standards							
S/No	Item	Description	Capacity/size	Unit	Qty	Comply	Comments
4.5	Pipettes - Bulb	<i>amber stain. Supplied with calibration certificate</i>	10ml	5/pk	3		
			15ml	5/pk	3		
			20ml	5/pk	3		
			25ml	5/pk	3		
			50ml	5/pk	3		
			100ml	5/pk	3		
4.6	Pipettes blow out	<input type="checkbox"/> <i>Soda lime glass</i> <input type="checkbox"/> <i>blue enamel graduations</i> <input type="checkbox"/> <i>Eppendorf</i>	1ml	10/pk	3		
			2ml	10/pk	3		
			5 ml	10/pk	3		
			10ml	10/pk	3		
4.7	Pipettes - Pasteur	<i>Disposable, non-sterile, Inert polyethylene with uniform wall and good transparency. Length (mm):155 and Graduations (ml):1 x 0.25</i>	3.5ml	1000/pk	3		
4.8	Rods- Stirring	<i>Glass, Soda lime glass for general stirring operations With rounded ends for extra safety</i>	<i>Diameter 6mm, length 300mm</i>	10/pk	13		

Technical Specifications required including applicable standards							
S/No	Item	Description	Capacity/size	Unit	Qty	Comply	Comments
4.9	Rods- Stirring	<i>PTFE Coated, Steel stirring rods, Highly resistant to chemical attack.</i>	<i>Diameter 6mm, length 300mm</i>	10/pk	3		
		<i>Highly resistant to chemical attack.</i>	Length 300mm	10/pk	3		
4.10	Stirring rod retriever bars	<i>Retriever bars, PTFE</i>	250 long, 8mm diameter	10/pk	3		
4.11	Measuring cylinders	<i>Spout, borosilicate glass, graduated ring marked, and figured one way, high contrast blue enamel graduations, with certificates fully traceable, supplied with hexagonal bumper.</i>	10ml	2/pk	3		
			25ml	2/pk	3		
			50ml	2/pk	3		
			100ml	2/pk	3		
			500ml	2/pk	3		
			1000ml	2/pk	3		
			500ml	1/pk	3		
			1000ml	1/pk	3		
		<i>Stoppered, polypropylene blue stopper, borosilicate glass class A, conformity certificate, round base.</i>	10ml	2/pk	3		
			25ml	2/pk	3		
50ml	2/pk		3				
100ml	2/pk		3				
		500ml	2/pk	3			

Technical Specifications required including applicable standards							
S/No	Item	Description	Capacity/size	Unit	Qty	Comply	Comments
			1000ml	2/pk	3		
4.12	Bottles-BOD	<i>WHEATON Type, borosilicate amber glass bottles complete with ground- glass penny stoppers</i>	300ml	10/pk	6		
4.13	BOD dilution water containers	<i>Coloured opaque container for protection against light. wide lid for easy cleaning</i>	10 litres	1/pk	3		
4.14	Bottles-sampling	<i>Narrow mouth, Translucent, Duran borosilicate glass coated with plastic. Supplied capped with Teflon FEP Tefzel ETFE screw cap</i>	250ml	10/pk	15		
			500ml	12/pk	6		
			1000ml	1/PK	90		
4.15	Bottles - Reagent	<i>Narrow mouth., Pyrex glass with conical shoulders and screw cap fitted with PTFE faced discs, graduated.Both cap and sealing disc are resistant to all commonly used acids and are sterilizable at 121⁰C.</i>	250 ml	10/pk	15		
			500 ml	12/pk	6		
			1000 ml	1/pk	90		
4.16	Bottles - Wash	<i>Wide mouth easy to fill</i>	250ml	5/pk	6		

Technical Specifications required including applicable standards							
S/No	Item	Description	Capacity/size	Unit	Qty	Comply	Comments
		<i>LDPE bottles fitted with polypropylene leak proof caps</i>					
4.17	Bottles, Weighing	<i>Low form, transparent polystyrene, with snap-one polyethylene cap. Complete with lid. Height (mm):43; Diameter (mm):51</i>	25ml	10/pk	3		
			50ml	10/pk	3		
			85ml	10/pk	3		
4.18	<i>Dishes-Evaporating</i>	<i>Pyrex borosilicate glass.High resistance to chemical attack and thermal shock. Flat base, curved sides with spout. Size (mm): 60 x 20</i>	170ml	10/pk	9		

PART 3 - Contract

Section VIII - General Conditions of Contract

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Section VIII - General Conditions of Contract

2. 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**.

3. 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.

4. Fraud and Corruption

3.1 The Bank requires compliance with the Bank’s Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG’s Sanctions Framework, 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.

5. 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 **specified in the SCC**.

(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.

6. 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.

- 7. 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.
- 8. 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.
- 9. 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.
- 10. 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 Supplier 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.
- 11. 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.

12. 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 Pursuant to paragraph 2.2 e. of Appendix to the General Conditions the Supplier shall permit and shall cause its subcontractors and subconsultants to permit, the Bank and/or persons appointed by the Bank to inspect the Site and/or the accounts and records relating to the procurement process, selection and/or contract execution, and to have such accounts and records audited by auditors appointed by the Bank if requested by the Bank. The Supplier's and its Subcontractors' and subconsultants' attention is drawn to Sub-Clause 3.1 which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures).

13. Scope of

12.1 The Goods and Related Services to be supplied shall be as

- Supply** specified in the Schedule of Requirements.
- 14. 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**.
- 15. 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.
- 16. 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**.
- 17. 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.
- 18. 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.

19. 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.

20. 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

21. 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.

22. 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.

23. 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.

24. 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.

25. 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.

26. Transportation and Incidental

- 25.1 Unless otherwise specified in the SCC, responsibility for arranging transportation of the Goods shall be in accordance

Services

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

27. 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 Supplier shall at its own expense and at no cost to the Purchaser facilitate a team of up to 3 technical officers nominated by the purchaser to carry out inspections of selected Goods at his/her factory before any shipment is done to Uganda.
N/A

26.3 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.

26.4 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.

26.5 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.

26.6 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.

26.7 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.

26.8 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.

26.9 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.

28. 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.

29. 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.

30. Patent

29.1 The Supplier shall, subject to the Purchaser's compliance with

Indemnity

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.

31. 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

32. 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.

33. 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.

34. 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 **Value Engineering:** The Supplier may prepare, at its own cost, a value engineering proposal at any time during the performance of the contract. The value engineering proposal shall, at a minimum,

include the following;

- (a) the proposed change(s), and a description of the difference to the existing contract requirements;
- (b) a full cost/benefit analysis of the proposed change(s) including a description and estimate of costs (including life cycle costs) the Purchaser may incur in implementing the value engineering proposal; and
- (c) a description of any effect(s) of the change on performance/functionality.

The Purchaser may accept the value engineering proposal if the proposal demonstrates benefits that:

- (a) accelerates the delivery period; or
- (b) reduces the Contract Price or the life cycle costs to the Purchaser; or
- (c) improves the quality, efficiency or sustainability of the Goods; or
- (d) yields any other benefits to the Purchaser,

without compromising the necessary functions of the Facilities.

If the value engineering proposal is approved by the Purchaser and results in:

- (a) a reduction of the Contract Price; the amount to be paid to the Supplier shall be the percentage specified **in the PCC** of the reduction in the Contract Price; or
- (b) an increase in the Contract Price; but results in a reduction in life cycle costs due to any benefit described in (a) to (d) above, the amount to be paid to the Supplier shall be the full increase in the Contract Price.

33.5 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.

35. 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.

36. 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 paragraph 2.2 a of the Appendix to the GCC, 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.

37. 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.

38. 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

Fraud and Corruption

(Text in this Appendix shall not be modified)

1. Purpose

1.1 The Bank's Anti-Corruption Guidelines and this annex apply with respect to procurement under Bank Investment Project Financing operations.

2. Requirements

2.1 The Bank requires that Borrowers (including beneficiaries of Bank financing); bidders (applicants/proposers), consultants, contractors and suppliers; any sub-contractors, sub-consultants, service providers or suppliers; any agents (whether declared or not); and any of their personnel, observe the highest standard of ethics during the procurement process, selection and contract execution of Bank-financed contracts, and refrain from Fraud and Corruption.

2.2 To this end, 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;
 - ii. "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
 - iii. "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
 - iv. "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
 - v. "obstructive practice" is:
 - (a) 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
 - (b) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 2.2 e. below.

- b. Rejects a proposal for award if the Bank determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring misprocurement, if the Bank 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 process, selection and/or execution 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. Pursuant to the Bank's Anti- Corruption Guidelines and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;¹ (ii) to be a nominated² sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
- e. Requires that a clause be included in bidding/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders (applicants/proposers), consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents personnel, permit the Bank to inspect³ all accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the Bank.

¹ For the avoidance of doubt, a sanctioned party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and bidding, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

² A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has 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.

³ Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.

Section IX - Special Conditions of Contract

GCC 1.1(i)	The Purchaser's Country is: Uganda
GCC 1.1(j)	The Purchaser is: Ministry of Water and Environment
GCC 1.1 (o)	The Project Site(s)/Final Destination(s) is/are: Offices of DWRM/WQMD, Entebbe. The delivery of all equipment shall be to the offices of the Directorate of Water Resources Department /WQMD on Plot 12, Mpigi Road, Entebbe.
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: <i>N/A</i>
GCC 4.2 (b)	The version edition of Incoterms shall be: Intercoms 2020
GCC 5.1	The language shall be: English
GCC 8.1	For notices , the Purchaser's address shall be: The Permanent Secretary, Ministry of Water & Environment Attention: Head, Procurement & Disposal Unit Street Address: Plot 3-7 Kabalega Crescent Road, Luzira City: Kampala Country: Uganda Telephone: +256 414 220 229 Facsimile number: +256 414 505 941
GCC 9.1	The governing law shall be the law of: Uganda
GCC 10.2	The rules of procedure for arbitration proceedings pursuant to GCC Clause 10.2 shall be as follows: (a) <i>Contract with foreign Supplier:</i> 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

	<p>with the UNCITRAL Arbitration Rules as at present in force.</p> <p>(b) Contracts with Supplier national of the Purchaser's Country:</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>
GCC 13.1	<p>Details of Shipping and other Documents to be furnished by the Supplier are: <i>a negotiable bill of lading, an airway bill, insurance certificate, Manufacturer's or Supplier's warranty certificate, inspection certificate issued by nominated inspection agency, Supplier's factory shipping details etc</i>].</p> <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>
GCC 15.1	<p>The prices charged for the Goods supplied and the related Services performed shall not be adjustable.</p> <p>If prices are adjustable, the following method shall be used to calculate the price adjustment: <i>N/A</i></p>
GCC 16.1	<p>GCC 16.1—The method and conditions of payment to be made to the Supplier under this Contract shall be as follows:</p> <p>Payment for Goods supplied from abroad:</p> <p>Payment of foreign currency portion shall be made in <i>[insert currency of the Contract Price]</i> in the following manner:</p> <p>(i) Advance Payment: Ten (10) percent of the Contract Price shall be paid within Sixty (60) 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 document or another form acceptable to the Purchaser.</p> <p>(ii) On Shipment: sixty (60) percent of the Contract Price of the Goods shipped shall be paid through 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.</p> <p>(iii) On Acceptance: Thirty (30) 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</p>

	<p>issued by the Purchaser.</p> <p>Payment of local currency portion shall be made <u>in the currency specified in the bid</u> within Sixty (60) 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 Uganda shillings, as follows:</p> <ul style="list-style-type: none"> (i) Advance Payment: Ten (10) percent of the Contract Price shall be paid within Sixty (60) 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 document or another form acceptable to the Purchaser. (ii) On Delivery: Sixty (60) percent of the Contract Price shall be paid on receipt of the Goods and upon submission of the documents specified in GCC Clause 13. (iii) On Acceptance: The remaining Thirty (30) percent of the Contract Price shall be paid to the Supplier within Sixty (60) days after the date of the acceptance certificate for the respective delivery issued by the Purchaser.
GCC 16.5	<p>The payment-delay period after which the Purchaser shall pay interest to the supplier shall be <i>120</i> days.</p> <p>The interest rate that shall be applied is: the supplier's bank's prime lending rate at the date when the interest starts to apply</p>
GCC 18.1	<p>A Performance Security shall be required</p> <p>The amount of the Performance Security shall be: 10% of the Contract Price for each Lot</p>

GCC 18.3	<p>The Performance Security shall be in the form of: Unconditional Bank Guarantee from a recognized financial institution and enforceable in the purchaser’s country.</p> <p>the Performance security shall be denominated in a freely convertible currency acceptable to the Purchaser”</p> <p>If Bank Guarantee is from a foreign financial institution, the foreign institution will have a local corresponding Bank in the borrower’s country to facilitate enforcement of the Guarantee</p>
GCC 23.2	<p>The packing, marking and documentation within and outside the packages shall be: Ministry of Water and Environment, Directorate of Water Resources Management, Water Quality Management Department. Plot 12, Mpigi Road - Entebbe</p>
GCC 24.1	<p>The insurance coverage shall be as specified in the Incoterms.</p>
GCC 25.1	<p>Responsibility for transportation of the Goods shall be as specified in the Incoterms- CIP Entebbe.</p> <p>In addition, The Supplier is required under the Contract to transport the Goods to a specified place of final destination within the Purchaser’s Country, defined as the Project Site, transport to such place of destination in the Purchaser’s Country, including insurance and storage, as shall be specified in the Contract, shall be arranged by the Supplier, and related costs shall be included in the Contract Price</p>
GCC 25.2	<p>Incidental services to be provided are: N/A</p>
GCC 26.1	<p>The inspections and tests shall be: done both at the manufacture’s factory prior to shipment of the goods and at the Directorate of Water Resources Management</p>
GCC 26.2	<p>The Inspections and tests shall be conducted at: the station sites indicated under Section VIII of Supply requirements</p>
GCC 27.1	<p>The liquidated damage shall be: 0.5% per week</p>
GCC 27.1	<p>The maximum amount of liquidated damages shall be: 10%</p>
GCC 28.3	<p>The period of validity of the Warranty shall be: 180 days</p> <p>For purposes of the Warranty, the place(s) of final destination(s) shall be:</p> <p>This is Provided at statement of requirements attached</p>
GCC 28.5, GCC 28.6	<p>The period for repair or replacement shall be: <i>Within 20</i> days.</p>

GCC 33.4	If the value engineering proposal is approved by the Purchaser the amount to be paid to the Supplier shall be 50% of the reduction in the Contract Price.
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Section X - Contract Forms

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Notification of Intention to Award

[This Notification of Intention to Award shall be sent to each Bidder that submitted a Bid.]

[Send this Notification to the Bidder's Authorized Representative named in the Bidder Information Form]

For the attention of Bidder's Authorized Representative

Name: *[insert Authorized Representative's name]*

Address: *[insert Authorized Representative's Address]*

Telephone/Fax numbers: *[insert Authorized Representative's telephone/fax numbers]*

Email Address: *[insert Authorized Representative's email address]*

[IMPORTANT: insert the date that this Notification is transmitted to Bidders. The Notification must be sent to all Bidders simultaneously. This means on the same date and as close to the same time as possible.]

DATE OF TRANSMISSION: This Notification is sent by: *[email/fax]* on *[date]* (local time)

Notification of Intention to Award

Purchaser: *[insert the name of the Purchaser]*

Project: *[insert name of project]*

Contract title: *[insert the name of the contract]*

Country: *[insert country where RFB is issued]*

Loan No. /Credit No. / Grant No.: *[insert reference number for loan/credit/grant]*

RFB No: *[insert RFB reference number from Procurement Plan]*

This Notification of Intention to Award (Notification) notifies you of our decision to award the above contract. The transmission of this Notification begins the Standstill Period. During the Standstill Period you may:

- a) request a debriefing in relation to the evaluation of your Bid, and/or
- b) submit a Procurement-related Complaint in relation to the decision to award the contract.

1. The successful Bidder

Name:	<i>[insert name of successful Bidder]</i>
Address:	<i>[insert address of the successful Bidder]</i>
Contract price:	<i>[insert contract price of the successful Bid]</i>

2. Other Bidders *[INSTRUCTIONS: insert names of all Bidders that submitted a Bid. If the Bid's price was evaluated include the evaluated price as well as the Bid price as read out.]*

Name of Bidder	Bid price	Evaluated Bid price (if applicable)
[insert name]	[insert Bid price]	[insert evaluated price]
[insert name]	[insert Bid price]	[insert evaluated price]
[insert name]	[insert Bid price]	[insert evaluated price]
[insert name]	[insert Bid price]	[insert evaluated price]
[insert name]	[insert Bid price]	[insert evaluated price]

3. Reason/s why your Bid was unsuccessful

[INSTRUCTIONS: State the reason/s why this Bidder's Bid was unsuccessful. Do NOT include: (a) a point by point comparison with another Bidder's Bid or (b) information that is marked confidential by the Bidder in its Bid.]

4. How to request a debriefing

DEADLINE: The deadline to request a debriefing expires at midnight on [insert date] (local time).

You may request a debriefing in relation to the results of the evaluation of your Bid. If you decide to request a debriefing your written request must be made within three (3) Business Days of receipt of this Notification of Intention to Award.

Provide the contract name, reference number, name of the Bidder, contact details; and address the request for debriefing as follows:

Attention: [insert full name of person, if applicable]

Title/position: [insert title/position]

Agency: [insert name of Purchaser]

Email address: [insert email address]

Fax number: [insert fax number] *delete if not used*

If your request for a debriefing is received within the 3 Business Days deadline, we will provide the debriefing within five (5) Business Days of receipt of your request. If we are unable to provide the debriefing within this period, the Standstill Period shall be extended by five (5) Business Days after the date that the debriefing is provided. If this happens, we will notify you and confirm the date that the extended Standstill Period will end.

The debriefing may be in writing, by phone, video conference call or in person. We shall

promptly advise you in writing how the debriefing will take place and confirm the date and time.

If the deadline to request a debriefing has expired, you may still request a debriefing. In this case, we will provide the debriefing as soon as practicable, and normally no later than fifteen (15) Business Days from the date of publication of the Contract Award Notice.

5. How to make a complaint

Period: Procurement-related Complaint challenging the decision to award shall be submitted by midnight, [insert date] (local time).

Provide the contract name, reference number, name of the Bidder, contact details; and address the Procurement-related Complaint as follows:

Attention: [insert full name of person, if applicable]

Title/position: [insert title/position]

Agency: [insert name of Purchaser]

Email address: [insert email address]

Fax number: [insert fax number] *delete if not used*

At this point in the procurement process, you may submit a Procurement-related Complaint challenging the decision to award the contract. You do not need to have requested, or received, a debriefing before making this complaint. Your complaint must be submitted within the Standstill Period and received by us before the Standstill Period ends.

Further information:

For more information see the [Procurement Regulations for IPF Borrowers \(Procurement Regulations\)](https://policies.worldbank.org/sites/ppf3/PPFDocuments/Forms/DispPage.aspx?docid=4005) [https://policies.worldbank.org/sites/ppf3/PPFDocuments/Forms/DispPage.aspx?docid=4005] (Annex III). You should read these provisions before preparing and submitting your complaint. In addition, the World Bank's Guidance "[How to make a Procurement-related Complaint](http://www.worldbank.org/en/projects-operations/products-and-services/brief/procurement-new-framework#framework)" [http://www.worldbank.org/en/projects-operations/products-and-services/brief/procurement-new-framework#framework] provides a useful explanation of the process, as well as a sample letter of complaint.

In summary, there are four essential requirements:

1. You must be an 'interested party'. In this case, that means a Bidder who submitted a Bid in this bidding process, and is the recipient of a Notification of Intention to Award.
2. The complaint can only challenge the decision to award the contract.
3. You must submit the complaint within the period stated above.
4. You must include, in your complaint, all of the information required by the Procurement Regulations (as described in Annex III).

6. Standstill Period

DEADLINE: The Standstill Period is due to end at midnight on [insert date] (local time).

The Standstill Period lasts ten (10) Business Days after the date of transmission of this Notification of Intention to Award.

The Standstill Period may be extended as stated in Section 4 above.

If you have any questions regarding this Notification please do not hesitate to contact us.

On behalf of the Purchaser:

Signature: _____

Name: _____

Title/position: _____

Telephone: _____

Email: _____

Beneficial Ownership Disclosure Form

INSTRUCTIONS TO BIDDERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE FORM

This Beneficial Ownership Disclosure Form (“Form”) is to be completed by the successful Bidder¹. In case of joint venture, the Bidder must submit a separate Form for each member. The beneficial ownership information to be submitted in this Form shall be current as of the date of its submission.

For the purposes of this Form, a Beneficial Owner of a Bidder is any natural person who ultimately owns or controls the Bidder by meeting one or more of the following conditions:

- *directly or indirectly holding 25% or more of the shares*
- *directly or indirectly holding 25% or more of the voting rights*
- *directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Bidder*

RFB No.: *[insert number of RFB process]*

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

To: *[insert complete name of Purchaser]*

In response to your request in the Letter of Acceptance dated *[insert date of letter of Acceptance]* to furnish additional information on beneficial ownership: *[select one option as applicable and delete the options that are not applicable]*

(i) we hereby provide the following beneficial ownership information.

Details of beneficial ownership

Identity of Beneficial Owner	Directly or indirectly holding 25% or more of the shares (Yes / No)	Directly or indirectly holding 25 % or more of the Voting Rights (Yes / No)	Directly or indirectly having the right to appoint a majority of the board of the directors or an equivalent governing body of the Bidder (Yes / No)
<i>[include full name (last, middle, first), nationality, country]</i>			

<i>of residence]</i>			
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OR

(ii) *We declare that there is no Beneficial Owner meeting one or more of the following conditions:*

- directly or indirectly holding 25% or more of the shares
- directly or indirectly holding 25% or more of the voting rights
- directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Bidder

OR

(iii) *We declare that we are unable to identify any Beneficial Owner meeting one or more of the following conditions. [If this option is selected, the Bidder shall provide explanation on why it is unable to identify any Beneficial Owner]*

- directly or indirectly holding 25% or more of the shares
- directly or indirectly holding 25% or more of the voting rights
- directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Bidder”

Name of the Bidder: **[insert complete name of the Bidder]*_____

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 a Joint Venture specify the name of the Joint Venture as Bidder. In the event that the Bidder is a joint venture, each reference to “Bidder” in the Beneficial Ownership Disclosure Form (including this Introduction thereto) shall be read to refer to the joint venture member.

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

Letter of Acceptance

[use 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 (i) the Performance Security within 28 days in accordance with the Conditions of Contract, using for that purpose one of the Performance Security Forms and (ii) the additional information on beneficial ownership in accordance with BDS ITB 45.1 within eight (8) Business days using the Beneficial Ownership Disclosure 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*

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.

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 [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 Supplier 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 the Supplier; 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

Demand Guarantee

[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)]

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