



REPUBLIC
OF
KENYA



Poverty Reduction Through Sustainable NRM



Investing in rural people

MINISTRY OF WATER & SANITATION AND IRRIGATION
UPPER TANA NATURAL RESOURCES MANAGEMENT PROJECT
(UTaNRMP)

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INTERNATIONAL COMPETITIVE BIDDING TENDER DOCUMENT FOR

**SUPPLY AND DELIVERY OF PIPES AND FITTINGS FOR VARIOUS WATER
PROJECTS IN PROJECT AREA COUNTIES**

TENDER NO: MWSI/UTaNRMP/ICB/001/2019-20

FEBRUARY 2020

PROCURING ENTITY

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SPECIFIC PROCUREMENT NOTICE

Country:	Kenya
Name of Project:	Upper Tana Natural Resources Management Project (UTaNRMP)
Contract Title:	Supply and delivery of pipes and fittings for various water projects in project area counties
Financing Agreements:	1-E-8-KE
ICB Reference No	MWSI/UTaNRMP/ICB/001/2019-20
Issued On:	14th February 2020

- 1) The Government of Kenya has received financial assistance from the International Fund for Agricultural Development (IFAD) and the Spanish Trust Fund towards financing an eight year (2012-2020) Upper Tana Natural Resources Management Project. The goal of the project is to contribute to the reduction of rural poverty in the Upper Tana River Catchment through increased sustainable food production and incomes and sustainable management of natural resources for provision of environmental services. The Project Lead Agency is the Ministry of Water & Sanitation and Irrigation. The project area covers six Counties namely: Muranga, Meru, Tharaka-Nithi, Nyeri, Kirinyaga and Muranga.
- 2) The Upper Tana Natural Resources Management Project (UTaNRMP) now invites sealed Bids from eligible Bidders for Supply and Delivery of pipes and fittings as follows:

LOT #s	ITEM DESCRIPTION
1a, 1b, 1c, 1d and 1e	uPVC pipes and fittings
2a, 2b, 2c, 2d, and 2e	GI pipes and fittings
3a, 3b, 3c, 3d, and 3e	Air valves and sectional valves

- 3) Bidding will be conducted through International Competitive Procurement and is open to all eligible Bidders as defined in the IFAD and GoK Procurement guidelines.
- 4) The bidding document can be downloaded by interested Bidders FREE OF CHARGE from the project website: www.utanrmp.or.ke under “tender” links
- 5) Prospective bidders will be required to register at procurement@utanrmp.or.ke to assist in provision of clarifications and addenda by providing the following information.

Company name	
Postal Address	
Telephone Number(s)	
Contact Person	

Email Address	
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- 6) Bids in **one original plus two copies** properly filled and bound must be submitted in plain sealed envelopes and marked “Tender No: **MWSI/UTaNRMP/ICB/001/2019-20: Supply and delivery of pipes and fittings for various water projects in project area counties**” and must be posted or delivered to the address below or dropped in the Tender Box situated at the reception of Upper Tana Natural Resources Management Project Offices situated in Embu County on Embu- Meru road opposite Kangaru DEB Primary School.

**The Project Coordinator,
Upper Tana Natural Resources Management Project,
P.O. Box 996 - 60100
Email: utanrmp@gmail.com
Embu – KENYA**

on or before: 27th March 2020 at 11.00 am EAT

- 7) Tenders which will be too big to be inserted into the tender box will be registered and given a number without indicating the bidder or the person submitting the tender
- 8) **Tenders will be opened on 27th March 2020 at 11.30am EAT**, in the presence of the bidders or their representatives who choose to attend at in the project conference centre.
- 9) All Bids must be accompanied by a Bid Security of an amount of **indicated in the bid document**
- 10) Electronic bids will not be accepted. Late bids will not be accepted regardless of the circumstances.

**PROJECT COORDINATOR
UPPER TANA NATURAL RESOURCES MANAGEMENT PROJECT
FOR: PRINCIPAL SECRETARY MINISTRY OF WATER & SANITATION AND
IRRIGATION**

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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 Invitation for Bids, **specified in the Bid Data Sheet (BDS)**, the Purchaser, **as specified in the BDS**, issues these Bidding Documents for the supply of Goods and Related Services incidental thereto as specified in Section VII, Schedule of Requirements. The name, identification and number of lots (contracts) of this International Competitive Bidding (ICB) procurement are **specified in the BDS**.
 - 1.2 Throughout these Bidding Documents:
 - (a) the term “in writing” means communicated in written form (e.g. by mail, e-mail, fax, telex) with proof of receipt;
 - (b) if the context so requires, “singular” means “plural” and vice versa; and
 - (c) “day” means calendar day.
- 2. Source of Funds**
 - 2.1 The Borrower or Recipient (hereinafter called “Borrower”) **specified in the BDS** has applied for or received financing (hereinafter called “funds”) from the International Fund for Agricultural Development (hereinafter called “the Financiers” or “IFAD”) in an amount **specified in the BDS**, toward the Programme 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 IFAD will be made only at the request of the Borrower and upon approval by IFAD in accordance with the terms and conditions of the Financing Agreement. The Financing Agreement prohibits a withdrawal from the designated account (s) 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 Financing Agreement or have any claim to the proceeds of the financing.
- 3. Corrupt and Fraudulent Practices**
 - 3.1 IFAD requires compliance with the IFAD’s Anti-Corruption Guidelines and its prevailing sanctions policies and procedures.
 - 3.2 In further pursuance of this policy, bidders shall permit and shall cause its agents (where declared or not), sub-contractors, sub-consultants, service providers, suppliers, and their personnel, to permit IFAD to inspect all accounts, records and other documents relating to any prequalification process, bid submission, and contract performance (in the case of award), and to have them audited by auditors appointed by the Borrower or IFAD.

- 4. Eligible Bidders**
- 4.1 A Bidder may be a firm that is a private entity, a government-owned entity—subject to ITB 4.5—or any combination of such entities in the form of a joint venture (JV) under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent. In the case of a joint venture, all members shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms. The JV shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the bidding process and, in the event the JV is awarded the Contract, during contract execution. **Unless specified in the BDS**, there is no limit on the number of members in a JV.
- 4.2 A Bidder shall not have a conflict of interest. Any Bidder found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest for the purpose of this bidding process, if the Bidder:
- (a) directly or indirectly controls, is controlled by or is under common control with another Bidder; or
 - (b) receives or has received any direct or indirect subsidy from another Bidder; or
 - (c) has the same legal representative as another Bidder; or
 - (d) has a relationship with another Bidder, directly or through common third parties, that puts it in a position to influence the bid of another Bidder, or influence the decisions of the Purchaser regarding this bidding process; or
 - (e) Participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which such Bidder is involved. However, this does not limit the inclusion of the same subcontractor in more than one bid; or
 - (f) any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the works that are the subject of the bid; or
 - (g) any of its affiliates has been hired (or is proposed to be hired) by the Purchaser or Borrower for the Contract implementation; or
 - (h) would be providing goods, works, or non-consulting services resulting from or directly related to consulting services for the preparation or implementation of the project specified in the BDS ITB 2.1 that it provided or were provided by any affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm; or
 - (i) has a close business or family relationship with a professional staff of the Borrower (or of the project implementing agency, or of a recipient of a part of the loan) who: (i) are directly or

indirectly involved in the preparation of the bidding documents or specifications of the contract, and/or the bid evaluation process of such contract; or (ii) would be involved in the implementation or supervision of such contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the IFAD throughout the procurement process and execution of the contract

- 4.3 A Bidder may have the nationality of any country, subject to the restrictions pursuant to ITB 4.7. A Bidder shall be deemed to have the nationality of a country if the Bidder is constituted, incorporated or registered in and operates in conformity with the provisions of the laws of that country, as evidenced by its articles of incorporation (or equivalent documents of constitution or association) and its registration documents, as the case may be. This criterion also shall apply to the determination of the nationality of proposed sub-contractors or sub-consultants for any part of the Contract including related Services.
- 4.4 A Bidder that has been sanctioned by the World Bank in accordance with the above ITB 3.1, including in accordance with the Bank's Guidelines on Preventing and Combating Corruption in Projects Financed by IBRD Loans and IDA Credits and Grants ("Anti-Corruption Guidelines"), shall be ineligible to be prequalified for, bid for, or be awarded an IFAD-financed contract or benefit from a Bank/IFAD-financed contract, financially or otherwise, during such period of time as IFAD/the Bank shall have determined. The list of debarred firms and individuals is available at the electronic address **specified in the BDS**.
- 4.5 Bidders that are Government-owned enterprises or institutions in the Purchaser's Country may participate only if they can establish that they (i) are legally and financially autonomous (ii) operate under commercial law, and (iii) are not dependent agencies of the Purchaser. To be eligible, a government-owned enterprise or institution shall establish to the IFAD's satisfaction, through all relevant documents, including its Charter and other information the IFAD may request, that it: (i) is a legal entity separate from the government (ii) does not currently receive substantial subsidies or budget support; (iii) operates like any commercial enterprise, and, inter alia, is not obliged to pass on its surplus to the government, can acquire rights and liabilities, borrow funds and be liable for repayment of its debts, and can be declared bankrupt; and (iv) is not bidding for a contract to be awarded by the department or agency of the government which under their applicable laws or regulations is the reporting or supervisory authority of the enterprise or has the ability to exercise influence or control over the enterprise or institution.
- 4.6 A Bidder shall not be under suspension from bidding by the Purchaser as the result of the operation of a Bid-Securing Declaration.
- 4.7 Firms and individuals may be ineligible if so indicated in Section V and (a) as a matter of law or official regulations, the Borrower's country prohibits commercial relations with that country, provided that the IFAD

is satisfied that such exclusion does not preclude effective competition for the supply of goods or the contracting of works or services required; or (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower's country prohibits any import of goods or contracting of works or services from that country, or any payments to any country, person, or entity in that country.

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

5. Eligible Goods and Related Services

5.1 All the Goods and Related Services to be supplied under the Contract and financed by IFAD may have their origin in any country in accordance with Section V, Eligible Countries.

5.2 For purposes of this Clause, the term "goods" includes commodities, raw material, machinery, equipment, and industrial plants; and "related services" includes services such as insurance, installation, training, and initial maintenance.

5.3 The term "origin" means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. Contents of Bidding Document

6. Sections of Bidding Document

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

PART 1 Bidding Procedures

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

PART 2 Supply Requirements

- Section VII. Schedule of Requirements

PART 3 Contract

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

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

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

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

7. Clarification of Bidding Documents

7.1 A Bidder requiring any clarification of the Bidding Document shall contact the Purchaser in writing at the Purchaser's address **specified in the BDS**. The Purchaser will respond in writing to any request for clarification, provided that such request is received prior to the deadline for submission of bids within a period **specified in the BDS**. The Purchaser shall forward copies of its response to all Bidders who have acquired the Bidding Documents in accordance with ITB 6.3, including a description of the inquiry but without identifying its source. If so **specified in the BDS**, the Purchaser shall also promptly publish its response at the web page **identified in the BDS**. Should the clarification result in changes to the essential elements of the Bidding Documents, the Purchaser shall amend the Bidding Documents following the procedure under ITB 8 and ITB 22.2.

8. Amendment of Bidding Document

8.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addenda.

8.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Documents from the Purchaser in accordance with ITB 6.3. The Purchaser shall also promptly publish the addendum on the Purchaser's web page in accordance with ITB 7.1.

8.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at its discretion, extend the deadline for the submission of bids, pursuant

to ITB 22.2.

C. Preparation of Bids

- 9. Cost of Bidding** 9.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Purchaser shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
- 10. Language of Bid** 10.1 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the language **specified in the BDS**. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language **specified in the BDS**, in which case, for purposes of interpretation of the Bid, such translation shall govern.
- 11. Documents Comprising the Bid** 11.1 The Bid shall comprise the following:
- (a) Letter of Bid in accordance with ITB 12;
 - (b) completed schedules, in accordance with ITB 12 and 14
 - (c) Bid Security or Bid-Securing Declaration, in accordance with ITB 19.1;
 - (d) Alternative bids, if permissible, in accordance with ITB 13;
 - (e) written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB 20.2;
 - (f) documentary evidence in accordance with ITB 17 establishing the Bidder's qualifications to perform the contract if its bid is accepted;
 - (g) documentary evidence in accordance with ITB 17 establishing the Bidder's eligibility to bid;
 - (h) documentary evidence in accordance with ITB 16, that the Goods and Related Services to be supplied by the Bidder are of eligible origin;
 - (i) documentary evidence in accordance with ITB 16 and 30, that the Goods and Related Services conform to the Bidding Documents;
 - (j) any other document **required in the BDS**.
- 11.2 In addition to the requirements under ITB 11.1, bids submitted by a JV shall include a copy of the Joint Venture Agreement entered into by all members. Alternatively, a letter of intent to execute a Joint Venture Agreement in the event of a successful bid shall be signed by all members and submitted with the bid, together with a copy of the

proposed Agreement.

- 11.3 The Bidder shall furnish in the Letter of Bid information on commissions and gratuities, if any, paid or to be paid to agents or any other party relating to this Bid.

12. Letter of Bid and Price Schedules

- 12.1. The Letter of Bid and Price Schedules shall be prepared using the relevant forms furnished in Section IV, Bidding Forms. The forms must be completed without any alterations to the text, and no substitutes shall be accepted except as provided under ITB 20.2. All blank spaces shall be filled in with the information requested.

13. Alternative Bids

- 13.1. Unless otherwise **specified in the BDS**, alternative bids shall not be considered.

14. Bid Prices and Discounts

- 14.1 The prices and discounts quoted by the Bidder in the Letter of Bid and in the Price, Schedules shall conform to the requirements specified below.

- 14.2 All lots (contracts) and items must be listed and priced separately in the Price Schedules.

- 14.3 The price to be quoted in the Letter of Bid in accordance with ITB 12.1 shall be the total price of the bid, excluding any discounts offered.

- 14.4 The Bidder shall quote any discounts and indicate the methodology for their application in the Letter of Bid, in accordance with ITB 12.1.

- 14.5 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, **unless otherwise specified in the 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 dis-aggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V, Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V, Eligible Countries. Prices shall be entered in the following manner:

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

- (iii) the price of the Goods, obtained as the difference between (i) and (ii) above;
 - (iv) any Purchaser's Country sales and other taxes which will be payable on the Goods if the contract is awarded to the Bidder; and
 - (v) the price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination (Project Site) **specified in the BDS.**
- (d) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements:
- (i) the price of each item comprising the Related Services (inclusive of any applicable taxes).
- 15. Currencies of Bid and Payment**
- 15.1 The currency(ies) of the bid and the currency(ies) of payments shall be **as specified in the BDS.** The Bidder shall quote in the currency of the Purchaser's Country the portion of the bid price that corresponds to expenditures incurred in the currency of the Purchaser's country, unless otherwise **specified in the BDS.**
- 15.2 The Bidder may express the bid price in any currency. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but shall use no more than three foreign currencies in addition to the currency of the Purchaser's Country.
- 16. Documents**
- Establishing the Eligibility and Conformity of the Goods and Related Services**
- 16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.
- 16.2 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section VII, Schedule of Requirements.
- 16.3 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Section VII, Schedule of Requirements.
- 16.4 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc.,

necessary for the proper and continuing functioning of the Goods during the period **specified in the BDS** following commencement of the use of the goods by the Purchaser.

16.5 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Section VII, Schedule of Requirements.

**17.Documents
Establishing the
Eligibility and
Qualifications of
the Bidder**

17.1 To establish Bidder's their eligibility in accordance with ITB 4, Bidders shall complete the Letter of Bid, included in Section IV, Bidding Forms.

17.2 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction:

- (a) that, if **required in the BDS**, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country;
- (b) that, if **required in the BDS**, in case of a Bidder not doing business within the Purchaser's Country, the Bidder is or will be (if awarded the contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications; and
- (c) that the Bidder meets each of the qualification criterion specified in Section III, Evaluation and Qualification Criteria.

**18.Period of Validity
of Bids**

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

18.2. In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security is requested in accordance with ITB Clause 19, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid, except as provided in ITB 18.3.

18.3. If the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be determined

as follows:

- (a) In the case of fixed price contracts, the Contract price shall be the bid price adjusted by the factor **specified in the BDS**.
- (b) In the case of adjustable price contracts, no adjustment shall be made.
- (c) In any case, bid evaluation shall be based on the bid price without taking into consideration the applicable correction from those indicated above.

19. Bid Security

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

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

- 19.4. If a Bid Security is specified pursuant to ITB 19.1, any bid not accompanied by a substantially responsive Bid Security shall be rejected by the Purchaser as non-responsive.
- 19.5. If a Bid Security is specified pursuant to ITB 19.1, the Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's signing the contract and furnishing the Performance Security pursuant to ITB 42.

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

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

20.Format and Signing of Bid

- 20.1 The Bidder shall prepare one original of the documents comprising the bid as described in ITB 11 and clearly mark it “ORIGINAL.” Alternative bids, if permitted in accordance with ITB 13, shall be clearly marked “ALTERNATIVE.” In addition, the Bidder shall submit copies of the bid, in the number **specified in the BDS** and clearly mark them “COPY.” In the event of any discrepancy between the original and the copies, the original shall prevail.
- 20.2 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation **as specified in the BDS** and shall be attached to the bid. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the bid where entries or amendments have been made shall be signed or initialed by the person

signing the bid.

- 20.3 In case the Bidder is a JV, the Bid shall be signed by an authorized representative of the JV on behalf of the JV, and so as to be legally binding on all the members as evidenced by a power of attorney signed by their legally authorized representatives.
- 20.4 Any inter-lineation, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the bid.

D. Submission and Opening of Bids

21. Sealing and Marking of Bids

- 21.1. The Bidder shall enclose the original and all copies of the bid, including alternative bids, if permitted in accordance with ITB 13, in separate sealed envelopes, duly marking the envelopes as “ORIGINAL”, “ALTERNATIVE” and “COPY.” These envelopes containing the original and the copies shall then be enclosed in one single envelope.
- 21.2. The inner and outer envelopes shall:
- (a) bear the name and address of the Bidder;
 - (b) be addressed to the Purchaser in accordance with ITB 24.1;
 - (c) bear the specific identification of this bidding process indicated in ITB1.1; and
 - (d) bear a warning not to open before the time and date for bid opening.
- 21.3. If all envelopes are not sealed and marked as required, the Purchaser will assume no responsibility for the misplacement or premature opening of the bid.

22. Deadline for Submission of Bids

- 22.1. Bids must be received by the Purchaser at the address and no later than the date and time **specified in the BDS**. When 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 Documents in accordance with ITB 8, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

23. Late Bids

- 23.1. The Purchaser shall not consider any bid that arrives after the deadline for submission of bids, in accordance with ITB 22. Any bid received by the Purchaser after the deadline for submission of bids shall be declared late, rejected, and returned unopened to the Bidder.

24. Withdrawal, Substitution, and Modification of

- 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

Bids

of attorney) in accordance with ITB 20.2, (except that withdrawal notices do not require copies). The corresponding substitution or modification of the bid must accompany the respective written notice. All notices must be:

- (a) prepared and submitted in accordance with ITB 20 and 21 (except that withdrawal notices do not require copies), and in addition, the respective envelopes shall be clearly marked "WITHDRAWAL," "SUBSTITUTION," or "MODIFICATION;" and
- (b) received by the Purchaser prior to the deadline prescribed for submission of bids, in accordance with ITB 22.

- 24.2. Bids requested to be withdrawn in accordance with ITB 24.1 shall be returned unopened to the Bidders.
- 24.3. No bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Letter of Bid or any extension thereof.

25. Bid Opening

- 25.1. Except as in the cases specified in ITB 23 and 24, the Purchaser shall publicly open and read out in accordance with ITB 25.3 all bids received by the deadline at the date, time and place **specified in the BDS** in the presence of Bidders' designated representatives and anyone who choose to attend. Any specific electronic bid opening procedures required if electronic bidding is permitted in accordance with ITB 22.1, shall be as **specified in the BDS**.
- 25.2. First, envelopes marked "WITHDRAWAL" shall be opened and read out and the envelope with the corresponding bid shall not be opened, but returned to the Bidder. If the withdrawal envelope does not contain a copy of the "power of attorney" confirming the signature as a person duly authorized to sign on behalf of the Bidder, the corresponding bid will be opened. No bid withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at bid opening. Next, envelopes marked "SUBSTITUTION" shall be opened and read out and exchanged with the corresponding Bid being substituted, and the substituted Bid shall not be opened, but returned to the Bidder. No Bid substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out at bid opening. Envelopes marked "MODIFICATION" shall be opened and read out with the corresponding Bid. No Bid modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at Bid opening. Only bids that are opened and read out at Bid opening shall be considered further.
- 25.3. All other envelopes shall be opened one at a time, reading out: the name of the Bidder and whether there is a modification; the total Bid Prices, per lot (contract) if applicable, including any discounts and

alternative bids; the presence or absence of a Bid Security, if required; and any other details as the Purchaser may consider appropriate. Only discounts and alternative bids read out at Bid opening shall be considered for evaluation. The Letter of Bid and the Price Schedules are to be initialed by representatives of the Purchaser attending bid opening in the manner **specified in the BDS**. The Purchasers shall neither discuss the merits of any bid nor reject any bid (except for late bids, in accordance with ITB 25.1).

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

E. Evaluation and Comparison of Bids

26. Confidentiality

- 26.1 Information relating to the evaluation of bids and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with the bidding process until information on Contract Award is communication to all Bidders in accordance with ITB 40.
- 26.2 Any effort by a Bidder to influence the Purchaser in the evaluation or contract award decisions may result in the rejection of its Bid.
- 26.3 Notwithstanding ITB 26.2, from the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.

- 27. Clarification of Bids**
- 27.1 To assist in the examination, evaluation, comparison of the bids, and qualification of the Bidders, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change, including any voluntary increase or decrease, in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids, in accordance with ITB 31.
- 27.2 If a Bidder does not provide clarifications of its bid by the date and time set in the Purchaser's request for clarification, its bid may be rejected.
- 28. Deviations, Reservations, and Omissions**
- 28.1 During the evaluation of bids, the following definitions apply:
- (a) "Deviation" is a departure from the requirements specified in the Bidding Documents;
 - (b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Bidding Documents; and
 - (c) "Omission" is the failure to submit part or all of the information or documentation required in the Bidding Documents
- 29. Determination of Responsiveness**
- 29.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself, as defined in ITB 11.
- 29.2 A substantially responsive Bid is one that meets the requirements of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:
- (a) if accepted, would
 - (i) affect in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or
 - (ii) limit in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or
 - (b) if rectified, would unfairly affect the competitive position of

other bidders presenting substantially responsive bids.

- 29.3 The Purchaser shall examine the technical aspects of the bid submitted in accordance with ITB 16 and ITB 17, in particular, to confirm that all requirements of Section VII, Schedule of Requirements have been met without any material deviation or reservation, or omission.
- 29.4 If a bid is not substantially responsive to the requirements of Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by correction of the material deviation, reservation, or omission.
- 30. Nonconformities, Errors and Omissions**
- 30.1 Provided that a Bid is substantially responsive, the Purchaser may waive any non conformities in the Bid.
- 30.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.
- 30.3 Provided that a bid is substantially responsive, the Purchaser shall rectify quantifiable nonmaterial nonconformities related to the Bid Price. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component.
- 31. Correction of Arithmetical Errors**
- 31.1 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:
- (a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;
 - (b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
 - (c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.
- 31.2 Bidders shall be requested to accept correction of arithmetical errors. Failure to accept the correction in accordance with ITB 31.1, shall result in the rejection of the Bid.
- 32. Conversion to**
- 32.1 For evaluation and comparison purposes, the currency(ies) of the Bid

Single Currency shall be converted in a single currency as using UN Rates as **specified in the BDS.**

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

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

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

- (a) evaluation will be done for Items or Lots (contracts), as **specified in the BDS;** and the Bid Price as quoted in accordance with clause 14;
- (b) price adjustment for correction of arithmetic errors in accordance with ITB 31.1;
- (c) price adjustment due to discounts offered in accordance with ITB 14.3;
- (d) converting the amount resulting from applying (a) to (c) above, if relevant, to a single currency in accordance with ITB 32;
- (e) price adjustment due to quantifiable nonmaterial nonconformities in accordance with ITB 30.3;
- (f) the additional evaluation factors are specified in Section III, Evaluation and Qualification Criteria;

34.3 The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be taken into account in bid evaluation.

34.4 If these Bidding Documents allows Bidders to quote separate prices for different lots (contracts), the methodology to determine the lowest evaluated price of the lot (contract) combinations, including any discounts offered in the Letter of Bid Form, is specified in Section III, Evaluation and Qualification Criteria

34.5 The Purchaser's evaluation of a bid will exclude and not take into account:

- (a) in the case of Goods manufactured in the Purchaser's Country, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder;
- (b) in the case of Goods manufactured outside the Purchaser's Country, already imported or to be imported, customs duties and other import taxes levied on the imported Good, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder;

- (c) any allowance for price adjustment during the period of execution of the contract, if provided in the bid.
- 34.6 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB 14. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids, unless otherwise **specified in the BDS** from amongst those set out in Section III, Evaluation and Qualification Criteria. The criteria and methodologies to be used shall be as specified in ITB 34.2 (f).
- 35. Comparison of Bids**
- 35.1 The Purchaser shall compare the evaluated prices of all substantially responsive bids established in accordance with ITB 34.2 to determine the lowest evaluated bid. The comparison shall be on the basis of CIP (place of final destination) prices for imported goods and EXW prices, plus cost of inland transportation and insurance to place of destination, for goods manufactured within the Borrower's country, together with prices for any required installation, training, commissioning and other services. The evaluation of prices shall not take into account custom duties and other taxes levied on imported goods quoted CIP and sales and similar taxes levied in connection with the sale or delivery of goods.
- 36. Qualification of the Bidder**
- 36.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid meets the qualifying criteria specified in Section III, Evaluation and Qualification Criteria.
- 36.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB 17.
- 36.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's qualifications to perform satisfactorily.
- 37. Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids**
- 37.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders. In case of annulment, all bids submitted and specifically, bid securities, shall be promptly returned to the Bidders.

F. Award of Contract

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

Contract satisfactorily.

- 39.Purchaser’s Right to Vary Quantities at Time of Award**
- 39.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in Section VII, Schedule of Requirements, provided this does not exceed the percentages **specified in the BDS**, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.
- 40.Notification of Award**
- 40.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. The notification letter (hereinafter and in the Conditions of Contract and Contract Forms called the “Letter of Acceptance”) shall specify the sum that the Purchaser will pay the Supplier in consideration of the supply of Goods (hereinafter and in the Conditions of Contract and Contract Forms called “the Contract Price”). At the same time, the Purchaser shall also notify all other Bidders of the results of the bidding and shall publish in *www.devbusiness.com* the results identifying the bid and lot (contract) numbers and the following information:
- (i) name of each Bidder who submitted a Bid;
 - (ii) bid prices as read out at Bid Opening;
 - (iii) name and evaluated prices of each Bid that was evaluated;
 - (iv) name of bidders whose bids were rejected and the reasons for their rejection; and
 - (v) name of the successful Bidder, and the Price it offered, as well as the duration and summary scope of the contract awarded.
- 40.2 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract.
- 40.3 The Purchaser shall promptly respond in writing to any unsuccessful Bidder who, after notification of award in accordance with ITB 40.1, requests in writing the grounds on which its bid was not selected.
- 41.Signing of Contract**
- 41.1 Promptly after notification, the Purchaser shall send the successful Bidder the Contract Agreement.
- 41.2 Within twenty-eight (28) days of receipt of the Contract Agreement, the successful Bidder shall sign, date, and return it to the Purchaser.
- 41.3 Notwithstanding ITB 41.2 above, in case signing of the Contract Agreement is prevented by any export restrictions attributable to the Purchaser, to the country of the Purchaser, or to the use of the products/goods, systems or services to be supplied, where such export restrictions arise from trade regulations from a country supplying those products/goods, systems or services, the Bidder shall not be bound by its bid, always provided however, that the Bidder can demonstrate to the satisfaction of the Purchaser and of IFAD that signing of the Contract

Agreement has not been prevented by any lack of diligence on the part of the Bidder in completing any formalities, including applying for permits, authorizations and licenses necessary for the export of the products/goods, systems or services under the terms of the Contract.

**42. Performance
Security**

- 42.1 Within twenty-eight (28) days of the receipt of notification of award from the Purchaser, the successful Bidder, if required, shall furnish the Performance Security in accordance with the GCC, subject to ITB 34.5, using for that purpose the Performance Security Form included in Section X, Contract Forms, or another Form acceptable to the Purchaser. If the Performance Security furnished by the successful Bidder is in the form of a bond, it shall be issued by a bonding or insurance company that has been determined by the successful Bidder to be acceptable to the Purchaser. A foreign institution providing a bond shall have a correspondent financial institution located in the Purchaser's Country.
- 42.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose bid is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

Section II. Bid Data Sheet (BDS)

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

ITB Clause Reference	A. General																																
ITB 1.1	The reference number of the Invitation for Bids is: MWSI/UTaNRMP/ICB/001/2019-20																																
ITB 1.1	The Purchaser is: Upper Tana Natural Resources Management Project (UTaNRMP)																																
ITB 1.1	<p>The name of the ICB is: Supply and Delivery of Pipes and Fittings for various water projects</p> <p>The identification number of the ICB is: MWSI/UTaNRMP/ICB/001/2019-20</p> <p>There are fifteen (15) Lots for this tender as follows:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Lot N°</th> <th style="text-align: center;">Description of Goods</th> </tr> </thead> <tbody> <tr><td>Lot 1 (a)</td><td>uPVC pipes and fittings for Meru County</td></tr> <tr><td>Lot 1 (b)</td><td>uPVC pipes and fittings for Embu County</td></tr> <tr><td>Lot 1 (c).</td><td>uPVC pipes and fittings for Tharaka Nithi County</td></tr> <tr><td>Lot 1 (d).</td><td>uPVC pipes and fittings for Nyeri County</td></tr> <tr><td>Lot 1 (e)</td><td>uPVC pipes and fittings for Kirinyaga County</td></tr> <tr><td>Lot 2 (a)</td><td>GI pipes and fittings for Meru County</td></tr> <tr><td>Lot 2 (b)</td><td>GI pipes and fittings for Embu County</td></tr> <tr><td>Lot 2 (c).</td><td>GI pipes and fittings for Tharaka Nithi County</td></tr> <tr><td>Lot 2 (d).</td><td>GI pipes and fittings for Nyeri County</td></tr> <tr><td>Lot 2 (e)</td><td>GI pipes and fittings for Kirinyaga County</td></tr> <tr><td>Lot 3 (a)</td><td>Air valves and sectional valves for Meru County</td></tr> <tr><td>Lot 3 (b)</td><td>Air valves and sectional valves for Embu County</td></tr> <tr><td>Lot 3 (c).</td><td>Air valves and sectional valves for Tharaka Nithi</td></tr> <tr><td>Lot 3 (d).</td><td>Air valves and sectional valves for Nyeri County</td></tr> <tr><td>Lot 3 (e)</td><td>Air valves and sectional valves for Kirinyaga County</td></tr> </tbody> </table>	Lot N°	Description of Goods	Lot 1 (a)	uPVC pipes and fittings for Meru County	Lot 1 (b)	uPVC pipes and fittings for Embu County	Lot 1 (c).	uPVC pipes and fittings for Tharaka Nithi County	Lot 1 (d).	uPVC pipes and fittings for Nyeri County	Lot 1 (e)	uPVC pipes and fittings for Kirinyaga County	Lot 2 (a)	GI pipes and fittings for Meru County	Lot 2 (b)	GI pipes and fittings for Embu County	Lot 2 (c).	GI pipes and fittings for Tharaka Nithi County	Lot 2 (d).	GI pipes and fittings for Nyeri County	Lot 2 (e)	GI pipes and fittings for Kirinyaga County	Lot 3 (a)	Air valves and sectional valves for Meru County	Lot 3 (b)	Air valves and sectional valves for Embu County	Lot 3 (c).	Air valves and sectional valves for Tharaka Nithi	Lot 3 (d).	Air valves and sectional valves for Nyeri County	Lot 3 (e)	Air valves and sectional valves for Kirinyaga County
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ITB 2.1	The Borrower is: The Republic of Kenya																																
ITB 2.1	The name of the Project is: Upper Tana Natural Resources Management Project (UTaNRMP)																																
ITB 4.1	Maximum number of members in the JV shall be: <i>two (2)</i>																																
IITB 4.4	A list of debarred firms and individuals is available on the Bank's external website: http://www.worldbank.org/debarr .																																

	B. Contents of Bidding Documents
ITB 7.1	<p>For Clarification of bid purposes only, the Purchaser's address is:</p> <p>The Project Coordinator, Upper Tana Natural Resources Management Project, P.O. BOX 996 - 60100, Embu, Kenya Embu - Meru road Email: utanrmp@gmail.com</p> <p>Requests for clarification should be received by the purchaser no later than: fifteen days (15)days from the date of advertisement</p>
ITB 7.1	Web page: www.utanrmp.or.ke
	C. Preparation of Bids
ITB 10.1	<p>The language of the bid is: English</p> <p>All correspondence exchange shall be in English language.</p>
ITB 11.1 (j)	<p>The Bidder shall submit the following additional documents in its bid:</p> <ol style="list-style-type: none"> 1. Documentary evidence material data sheets including clear pictures of the vehicles to prove that the products offered comply with the specifications. 2. Manufacturer's guarantee attesting to the quality of the products offered
ITB 13.1	Alternative Bids shall not be considered.
ITB 14.5	The prices quoted by the Bidder shall not be subject to adjustment during the performance of the Contract.
ITB 14.6	<p>Prices quoted for each lot (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 2010
ITB 14.8 (a) (iii);(b)(ii) and (c)(v)	The Rules of Delivery will be Incoterms 2010 DDP
ITB 15.1	The prices shall be quoted by the bidder in Kenya Shillings and or USD Only
ITB 16.4	Period of time the Goods are expected to be functioning (for the purpose of spare parts): 15 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 after the deadline of submission																																
ITB 18.3 (a)	Not Applicable																																
ITB 19.1	<p>A Bid Security shall be required for each lot, as in the table below-</p> <table border="1" data-bbox="492 506 927 1167"> <thead> <tr> <th data-bbox="500 516 646 590">Lot N°</th> <th data-bbox="654 516 919 590">Amount of bid security (Kshs)</th> </tr> </thead> <tbody> <tr><td data-bbox="500 600 646 632">Lot 1 (a)</td><td data-bbox="654 600 919 632">656,100</td></tr> <tr><td data-bbox="500 642 646 674">Lot 1 (b)</td><td data-bbox="654 642 919 674">125,000</td></tr> <tr><td data-bbox="500 684 646 716">Lot 1 (c).</td><td data-bbox="654 684 919 716">74,000</td></tr> <tr><td data-bbox="500 726 646 758">Lot 1 (d).</td><td data-bbox="654 726 919 758">220,000</td></tr> <tr><td data-bbox="500 768 646 800">Lot 1 (e)</td><td data-bbox="654 768 919 800">605,000</td></tr> <tr><td data-bbox="500 810 646 842">Lot 2 (a)</td><td data-bbox="654 810 919 842">94,000</td></tr> <tr><td data-bbox="500 852 646 884">Lot 2 (b)</td><td data-bbox="654 852 919 884">25,600</td></tr> <tr><td data-bbox="500 894 646 926">Lot 2 (c).</td><td data-bbox="654 894 919 926">14,000</td></tr> <tr><td data-bbox="500 936 646 968">Lot 2 (d).</td><td data-bbox="654 936 919 968">30,000</td></tr> <tr><td data-bbox="500 978 646 1010">Lot 2 (e)</td><td data-bbox="654 978 919 1010">57,000</td></tr> <tr><td data-bbox="500 1020 646 1052">Lot 3 (a)</td><td data-bbox="654 1020 919 1052">109,000</td></tr> <tr><td data-bbox="500 1062 646 1094">Lot 3 (b)</td><td data-bbox="654 1062 919 1094">39,000</td></tr> <tr><td data-bbox="500 1104 646 1136">Lot 3 (c).</td><td data-bbox="654 1104 919 1136">12,000</td></tr> <tr><td data-bbox="500 1146 646 1178">Lot 3 (d).</td><td data-bbox="654 1146 919 1178">20,000</td></tr> <tr><td data-bbox="500 1188 646 1220">Lot 3 (e)</td><td data-bbox="654 1188 919 1220">11,000</td></tr> </tbody> </table> <p data-bbox="467 1188 1554 1352">The format of the bid security shall be as provided and shall be issued by a reputable bank or financial institution, such as an insurance, or bonding or surety company, selected by the bidder. If the security is issued by a financial institution that is located outside the country of the Borrower, such financial institution shall have a correspondent financial institution located in the country of the Borrower to make it enforceable.</p>	Lot N°	Amount of bid security (Kshs)	Lot 1 (a)	656,100	Lot 1 (b)	125,000	Lot 1 (c).	74,000	Lot 1 (d).	220,000	Lot 1 (e)	605,000	Lot 2 (a)	94,000	Lot 2 (b)	25,600	Lot 2 (c).	14,000	Lot 2 (d).	30,000	Lot 2 (e)	57,000	Lot 3 (a)	109,000	Lot 3 (b)	39,000	Lot 3 (c).	12,000	Lot 3 (d).	20,000	Lot 3 (e)	11,000
Lot N°	Amount of bid security (Kshs)																																
Lot 1 (a)	656,100																																
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Lot 3 (b)	39,000																																
Lot 3 (c).	12,000																																
Lot 3 (d).	20,000																																
Lot 3 (e)	11,000																																
ITB 19.3 (d)	Other types of acceptable securities: None																																

ITB 19.9	Not Applicable
ITB 20.1	In addition to the original of the bid, the number of copies is: One (1) Copy
ITB 20.2	The written confirmation of authorization to sign on behalf of the Bidder shall consist of: Power of Attorney
D. Submission and Opening of Bids	
ITB 22.1	<p>For bid submission purposes only, the Purchaser's address is:</p> <p>The original and one copy of the tender must be delivered to and dropped in the tender box situated in the reception area of UTaNRMP offices so as to reach the address below: The Project Coordinator, Upper Tana Natural Resources Management Project, P.O. Box 996 60100 Embu</p> <p>By 27th March 2020 at 11.00am EAT. Bulky Tender shall be received, stamped and recorded in the reception area.</p> <p>Bidders shall not have the option of submitting their Bids electronically.</p> <p>The electronic Bidding submission procedures shall be: N/A</p>
ITB 25.1	<p>The bid opening shall take place at:</p> <p>Tenders will be opened at 27th March 2020 at 11.30am EAT in the presence of the Bidders' Representatives who choose to attend at UTaNRMP Conference hall</p>
ITB 25.3	The Letter of Bid and Price Schedules shall be initialed by ALL representatives of the Purchaser conducting Bid opening.
E. Evaluation and Comparison of Bids	
ITB 32.1	<p>The currency that shall be used for bid evaluation and comparison purposes to convert all bid prices expressed in various currencies into a single currency is: Kenya Shillings</p> <p>The source of exchange rate shall be The Central Bank of Kenya</p> <p>The date for the exchange rate shall be Bid Submission Date</p>
ITB 33.1	A margin of domestic preference shall Not apply.
ITB 34.2(a)	Evaluation for the pipes and fittings shall be done for all the items in the lot.
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: [<i>refer to Schedule III, Evaluation and Qualification Criteria; insert complementary details if necessary</i>]</p> <p>(a) Deviation in Delivery schedule: <i>N/A</i></p> <p>(b) Deviation in payment schedule: <i>N/A</i></p>

	<p>(c) the cost of major replacement components, mandatory spare parts, and service: <i>N/A</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>N/A</i></p> <p>(e) the projected operating and maintenance costs during the life of the equipment: <i>N/A</i></p> <p>(f) the performance and productivity of the equipment offered: <i>N/A</i></p>
	F. Award of Contract
ITB 38.1	The Purchaser shall award the Contract for all the items to the Bidder whose bid has been determined to be the lowest total evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.
ITB 39.1	<p>The maximum percentage by which quantities may be increased is: 15% percentage</p> <p>The maximum percentage by which quantities may be decreased is: 15% percentage</p>

Section III. Evaluation and Qualification Criteria

1. Margin of Preference (ITB 33).....	34
2. Evaluation(ITB 34).....	34
3. Qualification(ITB 36).....	35

1. Margin of Preference (ITB 33): Not Applicable**2. Evaluation (ITB 34)**

#	Evaluation Criteria	
1.	Mandatory Evaluation Criteria: -	Mandatory (Yes/ NO)
1.	<ol style="list-style-type: none"> 1. Duly filled, signed and stamped letter of Bid 2. Duly filled, signed and stamped bidder information form 3. Duly completed, signed and stamped Price Schedules. 4. Audited financial statements for the last three (3) years. Must be stamped and signed by directors and certified as a true copy of the original. 5. Valid Tax Compliance Certificate in the country of domicile 6. Evidence of incorporation in the country of domicile i.e. Certificate of Incorporation/ Registration. 7. Tender Security in the amount indicated for each lot quoted for 8. The Tender validity period shall be 120 days from the date of tender closing. 9. Tender Security has to be valid for thirty (30) days beyond the validity of the tender i.e 150 days from the date of tender closing. 10. Well organized and bound bid document, serialized or paginated from the first to the last page (Including the pages already paginated by UTaNRMP with a reference table of contents for all the attachments. 11. Power of Attorney for the person/s duly authorized to bind the tenderer to UTaNRMP <p>Only Bidders that pass and conform to ALL mandatory requirements to be considered in the technical evaluation</p>	
2.	Technical Evaluation	Pass/ Fail
	<ol style="list-style-type: none"> 1. Manufacturer's Authorization Letter to the tender if bidder is not the manufacturer. 2. Fully Filled and prized items in each lot quoted for 3. Documentary evidence material data sheets including clear pictures of the pipes and fittings to prove that the products offered comply with the specifications. 4. Manufacturer's guarantee attesting to the quality of the products offered. <p>Only Bidders that pass and conform to ALL technical evaluation requirements to be considered in the financial evaluation</p>	
3.	Financial Evaluation	
	<p>The following shall be considered:</p> <ol style="list-style-type: none"> 1. Submission of current price list of selected pipes and fittings in the bid data sheet considering: - <ol style="list-style-type: none"> a) The unit prices read out during the opening of the bids shall be absolute and final and not 	

	<p>subject to any amendment. Errors deemed as substantial will result to disqualification at this stage.</p> <p>b) Prices offered must be within the market rates of those specific vehicle brands. Those beyond shall not be considered for award. Award shall be done on the lowest total evaluated Price per lot</p> <p>The lowest evaluated total considering the above factors shall be recommended for award for lot (s) quoted for</p>	
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2.1. Evaluation Criteria (ITB 34.6) Not Applicable

2.2. Multiple Contracts (ITB 34.4)

The Purchaser shall award a contract to the Bidder that offers the lowest evaluated price and meets the post-qualification criteria (this Section III, Sub-Section ITB 36.1 Post-Qualification Requirements)

The Purchaser shall take into account: **the lowest-evaluated total tender sum per Lot**

2.3. Alternative Bids (ITB 13.1) Not Applicable

3. Qualification (ITB 36)

3.1 Post qualification Requirements (ITB 36.1)

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

(a) If Bidder is Manufacturer:

(i) Financial Capability

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

Line Item N°	Cashflow/access to credit of (Kshs) or equivalent
Lot 1 (a)	32,000,000.00
Lot 1 (b)	6,250,000.00
Lot 1 (c).	3,700,000.00
Lot 1 (d).	11,000,000.00
Lot 1 (e)	30,250,000.00
Lot 2 (a)	4,700,000.00
Lot 2 (b)	1,200,000.00
Lot 2 (c).	700,000.00

Lot 2 (d).	1,500,000.00
Lot 2 (e)	2,850,000.00
Lot 3 (a)	5,450,000.00
Lot 3 (b)	1,950,000.00
Lot 3 (c).	600,000.00
Lot 3 (d).	1,000,000.00
Lot 3 (e)	500,000.00

(ii) Experience and Technical Capacity

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

1. Provide 5 award letters of previous goods supplied of pipes and fittings of the same value or equivalent in the last three years.
2. Provide certificate of conformance for pipes and fittings previously supplied

(iii) Documentary Evidence

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

1. Letter of reference from five (5) previous clients giving the quantity of goods supplied, amount, contract number, contact person, contact number and email
2. Valid registration of the Manufacturer in the country of domicile
3. Manufacturer's guarantee attesting to the quality of the products offered.
4. Provide guarantees attesting to the quality of the Goods supplied. The Manufacturer shall guarantee that the Goods supplied under the Contract are new, unused and shall have no defect, arising from design, materials, workmanship, or from any act or omission that may develop under normal use

(b) If Bidder is not 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 five contracts of similar goods *in* the past five years.

Section IV. Bidding Forms

Table of Forms

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Price Schedule: Goods Manufactured Outside the Purchaser's Country, already imported*	44
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<u>Form of Bid Security (Bid Bond)</u>	49
<u>Manufacturer's Authorization</u>	50

Letter of Bid

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

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

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

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

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

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

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

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

In case of only one lot, total price of the Bid **[insert the total price of the bid in words and figures, indicating the various amounts and the respective currencies];**
- (f) The discounts offered and the methodology for their application are:
 - (i) The discounts offered are: [Specify in detail each discount offered.]
 - (ii) The exact method of calculations to determine the net price after application of discounts is shown below:[Specify in detail the method that shall be used to apply the discounts];
- (g) Our bid shall be valid for a period of ***[specify the number of calendar days]*** days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (h) If our bid is accepted, we commit to obtain a performance security in accordance with the Bidding Documents;
- (i) We are not participating, as a Bidder or as a subcontractor, in more than one bid in this bidding process in accordance with ITB 4.2(e), other than alternative bids submitted in accordance with ITB 13;

- (j) We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by a member of the World Bank Group or a debarment imposed by the World Bank Group in accordance with the Agreement for Mutual Enforcement of Debarment Decisions between the World Bank and other development banks. Further, we are not ineligible under the Employer’s country laws or official regulations or pursuant to a decision of the United Nations Security Council;
- (k) We are not a government owned entity/ We are a government owned entity but meet the requirements of ITB 4.5;¹
- (l) We have paid, or will pay the following commissions, gratuities, or fees with respect to the bidding process or execution of the Contract: **[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity]**

Name of Recipient	Address	Reason	Amount

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

- (m) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed; and
- (n) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.
- (o) We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in any type of fraud and corruption

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

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

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

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

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

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

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

¹Bidder to use as appropriate

Bidder Information Form

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

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

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

Page _____ of _____ pages

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

Bidder's JV Members Information Form

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

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

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

Page _____ of _____ pages

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

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

[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: _____ ICB No: _____ Alternative No: _____ Page N° _____ of _____		
1	2	3	4	5	6	7	8	9	10
Lot No	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)
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: _____	
					ICB No: _____	
					Alternative No: _____	
					Page N° _____ of _____	
1	2	3	4	5	6	7
Service N°	Description of Services (excludes inland transportation and other services required in the Purchaser's country to convey the goods to their final destination)	Country of Origin	Delivery Date at place of Final destination	Quantity and physical unit	Unit price	Total Price per Service (Col. 5*6 or estimate)
					Total Bid Price	

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

Form of Bid Security

(Bank Guarantee)

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

[Guarantor letterhead or SWIFT identifier code]

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

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

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

Date:*[Insert date of issue]*

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

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

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

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

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

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

This guarantee will expire: (a) if the Applicant is the successful bidder, upon our receipt of copies of the contract agreement signed by the Applicant and the performance security issued to the Beneficiary in relation to such contract agreement; or (b) if the Applicant is not the successful bidder,

upon the earlier of (i) our receipt of a copy of the Beneficiary's notification to the Applicant of the results of the bidding process; or (ii) twenty-eight days after the end of the Bid Validity Period.

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

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

[Signature(s)]

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

Form of Bid Security (Bid Bond)

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

BOND NO. _____

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

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

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

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

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

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

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

Principal: _____ Surety: _____
Corporate Seal (where appropriate)

(Signature)
(Printed name and title)

(Signature)
(Printed name and title)

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

Manufacturer's Authorization

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

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

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

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

To: *[insert complete name of Purchaser]*

WHEREAS

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

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

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

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

Title: *[insert title]*

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

Section V. Eligible Countries

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

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

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

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

Section VI. Bank Policy - Corrupt and Fraudulent Practices

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

“Fraud and Corruption:

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

- (a) defines, for the purposes of this provision, the terms set forth below as follows:
 - (i) “corrupt practice” is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;⁴
 - (ii) “fraudulent practice” is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;⁵
 - (iii) “collusive practice” is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;⁶
 - (iv) “coercive practice” is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;⁷
 - (v) "obstructive practice" is:
 - (aa) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede an IFAD investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening,

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

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

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

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

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

harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or

- (bb) acts intended to materially impede the exercise of IFAD's inspection and audit rights provided for under paragraph 1.16(e) below.
- (b) will reject a proposal for award if it determines that the bidder recommended for award, or any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- (c) will declare misprocurement and cancel the portion of the loan allocated to a contract if it determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement or the implementation of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to IFAD to address such practices when they occur, including by failing to inform IFAD in a timely manner at the time they knew of the practices;
- (d) will sanction a firm or individual, at any time, in accordance with the prevailing Bank/IFAD's sanctions procedures,⁸ including by publicly declaring such firm or individual ineligible, either indefinitely or for a stated period of time: (i) to be awarded an IFAD-financed contract; and (ii) to be a nominated⁹;
- (e) will require that a clause be included in bidding documents and in contracts financed by an IFAD loan/grant, requiring bidders, suppliers and contractors, and their sub-contractors, agents, personnel, consultants, service providers, or suppliers, to permit IFAD to inspect all accounts, records, and other documents relating to the submission of bids and contract performance, and to have them audited by auditors appointed by the IFAD.”

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

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

PART 2 – Supply Requirements

Section VII. Schedule of Requirements

Contents

1. List of Goods and Delivery Schedule	59
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1. List of Goods and Delivery Schedule

Line Item N°	Description of Goods	Quantity	Physical unit	Delivery (as per Incoterms) Date		Bidder's offered Delivery date [<i>to be provided by the bidder</i>]
				Earliest Delivery Date	Latest Delivery Date	
Lot 1 (a)	uPVC pipes and fittings for Meru County	Various	No	60 calendar days following the date of effectiveness of the contract	90 calendar days following the date of effectiveness of the contract	
Lot 1 (b)	uPVC pipes and fittings for Embu County	Various	No	60 calendar days following the date of effectiveness of the contract	90 calendar days following the date of effectiveness of the contract	
Lot 1 (c)	uPVC pipes and fittings for Tharaka Nithi County	Various	No	60 calendar days following the date of effectiveness of the contract	90 calendar days following the date of effectiveness of the contract	
Lot 1 (d)	uPVC pipes and fittings for Nyeri County	Various	No	60 calendar days following the date of effectiveness of the contract	90 calendar days following the date of effectiveness of the contract	
Lot 1 (e)	uPVC pipes and fittings for Kirinyaga County	Various	No	60 calendar days following the date of effectiveness of the contract	90 calendar days following the date of effectiveness of the contract	

Lot 2 (a)	GI pipes and fittings for Meru County	Variou s	No	60 calendar days following the date of effectiveness of the contract	90 calendar days following the date of effectiveness of the contract	
Lot 2 (b)	GI pipes and fittings for Embu County	Variou s	No	60 calendar days following the date of effectiveness of the contract	90 calendar days following the date of effectiveness of the contract	
Lot 2 (c).	GI pipes and fittings for Tharaka Nithi County	Variou s	No	60 calendar days following the date of effectiveness of the contract	90 calendar days following the date of effectiveness of the contract	
Lot 2 (d).	GI pipes and fittings for Nyeri County	Variou s	No	60 calendar days following the date of effectiveness of the contract	90 calendar days following the date of effectiveness of the contract	
Lot 2 (e)	GI pipes and fittings for Kirinyaga County	Variou s	No	60 calendar days following the date of effectiveness of the contract	90 calendar days following the date of effectiveness of the contract	
Lot 3 (a)	Air valves and sectional valves for Meru County	Variou s	No	60 calendar days following the date of effectiveness of the contract	90 calendar days following the date of effectiveness of the contract	
Lot 3 (b)	Air valves and sectional valves for Embu County	Variou s	No	60 calendar days following the date of effectiveness of the contract	90 calendar days following the date of effectiveness of the contract	
Lot 3 (c).	Air valves and sectional valves for Tharaka Nithi	Variou s	No	60 calendar days following the date of effectiveness of the contract	90 calendar days following the date of effectiveness of the contract	

Lot 3 (d).	Air valves and sectional valves for Nyeri County	Variou s	No	60 calendar days following the date of effectiveness of the contract	90 calendar days following the date of effectiveness of the contract	
Lot 3 (e)	Air valves and sectional valves for Kirinyaga County	Variou s	No	60 calendar days following the date of effectiveness of the contract	90 calendar days following the date of effectiveness of the contract	

1. Technical Specifications and schedule of requirements

MERU COUNTY SUMMARY

LOT (1) (a) – uPVC PIPES AND FITTINGS

ITEM	DESCRIPTION	UNIT	QTY	RATE Ksh.	AMOUNT Ksh.						
1.0	<p>uPVC Pipe work</p> <p>Provide and supply to site and test the following flexible spigot and socket pipes and fittings with rubber ring joints. (The cost shall also include unloading at the site)</p> <p>Pipe dimensions / working pressures shall Conform to KS-06-149 Part 2: 2000.</p> <table> <tr> <td>Class</td> <td>Working pressure (m)</td> </tr> <tr> <td>B (PN 6)</td> <td>60</td> </tr> <tr> <td>C (PN 10)</td> <td>90</td> </tr> </table>	Class	Working pressure (m)	B (PN 6)	60	C (PN 10)	90				
Class	Working pressure (m)										
B (PN 6)	60										
C (PN 10)	90										

	D (PN 12.5)	120			
	E (PN 16)	150			
	UPVC Straight pipes.				
1.01	315mm diameter uPVC PN6	No	145		
1.02	250mm diameter Upvc pipes PN 6	No	167		
1.04	225mm diameter Upvc PN6	No	70		
1.05	200mm diameter upvc PN 6	No	263		
1.06	200mm diameter upvc PN 10	No	180		
1.07	200mm diameter upvc PN 12.5	No	247		
1.08	200mm diameter Upvc PN16	No	309		
1.09	160 mm diameter uPVC pipes PN6	No	2614		
1.10	140mm diameter upvc PN 6	No	100		
1.11	110mm diameter upvc class "B" (PN6)	No	2437		
1.12	110mm diameter upvc PN 10	No	70		
1.13	90mm diameter uPVC pipes PN 6	No	1314		
1.14	90 mm diameter uPVC pipes PN 10	No	244		
1.15	90mm diameter upvc PN 12.5	No	70		

1.16	63mm diameter uPVC class PN 6	No	124		
1.17	63mm diameter uPVC pipes PN 10	No	292		
1.18	63mm diameter uPVC pipes PN 12.5	No	50		
1.19	50mm diameter uPVC pipes PN6	No	519		
1.21	50mm diameter uPVC pipes PN 10	No	151		
1.22	50mm diameter Upvc PN 12.5	No	330		
1.24	40mm diameter uPVC pipes PN 10	No	111		
1.26	40mm diameter Upvc PN12.5	No	15		
1.27	32mm diameter Upvc PN10	No	34		
1.28	32mm diameter Upvc PN12.5	No	300		
1.29	32mm diameter Upvc PN 10 shared laterals	No	100		
1.30	32mm diameter Upvc PN16 shared laterals	No	610		
1.32	25mm diameter Upvc PN16	No	1160		
1.34	25mm diameter Upvc PN12.5	No	900		
1.35	25mm diameter Upvc PN10 shared laterals	No	210		
1.36	20mm diameter PN12.5 PVC pipes	No	80		

1.38	20mm dia PN16	No	3100		
1.39	20mm diameter upvc PN 10 hydrant feeders	No	900		
1.40	UPVC REDUCERS				
	160mm ×110mm uPVC reducer	No	1		
1.41	140mm×110mm uPVC reducer	No	1		
1.42	110mm × 90mm pvc reducer	No	3		
1.43	90mm×63mm uPVC reducer	No	4		
1.45	63mm × 50mm reducer	No	4		
1.46	50mm × 40mm upvc reducer	No	3		
1.47	50mm × 32mm pvc reducer	No	1		
1.48	250mm diameter flanged adaptor	No	6		
1.49	200mm dia VJ adaptor	No	7		
1.50	200mm diameter VJ flanged adaptor	No	4		
1.51	150mm dia VJ adaptor	No	1		
1.52	150mm×160mm VJ adaptor	No	3		
1.53	HOSEPIPE				

1.54	20mm dia. Rubber hose pipe (20M each)	No	1200		
1.55	20mm dia. HDPE pipe 36M long	No	142		
	Total carried to summary				

LOT (2)(a) – Meru : G.I PIPES AND FITTING

ITEM	DESCRIPTION	UNIT	QTY	RATE Ksh.	AMOUNT Ksh.
	<u>GI STRAIGHT PIPES</u> The cost shall also include unloading at the site				
2.0	300mm diameter GI class B pipes	No	5		
2.2	250mm diameter class “B” GI pipe flanged both ends	No	8		
2.3	250mm diameter class “B” GI pipe flanged one end	No	4		
2.4	250mm diameter class “B” GI pipe with bell mouth and flanged one end	No	1		
2.5	200mm diameter class “B” GI pipe flanged one end	No	4		
2.6	200mm dia GI flanged	No	30		
2.7	150mm diameter class “B” GI pipe flanged one end	No	6		
2.8	150mm dia GI class “B” pipes flanged	No	13		
2.10	100mm dia GI class B pipes Flanged	No	4		
2.11	100mm dia GI class “B” pipes	No.	8		
2.12	80mm dia GI class “B”	No	6		
2.13	40mm Ø GI pipe “B” socketed	No	6		
2.14	50mm dia. GI pipe	No	2		

2.15	1M high, 16mm dia. GI riser with support	No	51		
2.16	50mm diameter 90 degrees bend	No	9		
2.17	50mm diameter 90 degrees bend flanged	No	4		
2.18	50mm diameter union	No	2		
2.19	20mm dia. Nan Sprinkler of nozzle size 3.6mm × 2.1 bar complete with valve sockets	No	51		
2.30	20mm G.M.S pipe 1m long threaded on both ends	No	420		
2.31	20mm dia. G.M.S 1.2m long pipe one end socketed, the other end threaded	No	150		
	<u>FITTINGS</u>				
2.32	20mm dia GI tee	No	780		
2.33	20mm GI elbow	No	180		
2.34	20mm dia.GI nipple	No	1260		
2.35	20mm dia. Jubilee clips	No	90		
2.36	250mm dia. 90 degrees GI bend flanged both ends	No	4		
2.37	100mm diameter GI elbow	No	2		
2.38	150mm×80mm saddle clamp	No	5		
2.39	150mm×25mm saddle clamp	No	2		

2.40	110mm×25mm saddle clamp	No	3		
2.41	110mm×50mm saddle clamp	No	1		
2.42	75mm×50mm saddle clamp	No	1		
	Total carried to summary				

LOT (3)(a) - Meru: AIR VALVES AND SECTONAL VALVES

ITEM	DESCRIPTION	UNIT	QTY	RATE Ksh.	AMOUNT Ksh.
3.0	AIR VALVES Provide, handle and test following steel and uPVC pipes and fittings, valves and specials. Special rates shall include for completing all pipes Joint. The cost shall also include unloading at site				
3.0	AIR VALVES				
3.01	250mm Ø air valve complete with accessories	No.	1		
3.02	200mm Ø air valve complete with accessories	No.	3		
3.03	100mm Ø air valve complete with accessories	No.	1		
3.04	90mm Ø air valve complete with accessories	No.	2		

3.1	VALVE SOCKETS				
3.10	150mm dia valve socket	No.	1		
3.11	90mm dia valve socket	No	6		
3.12	63mm dia valve socket	No.	2		
3.13	50mm dia. Union socket	No.	2		
3.14	20mm dia valve socket	No	900		
3.20	GATE VALVES				
3.21	100mm diameter Gate Valve	No.	2		
3.22	90mm diameter Gate Valve	No.	2		
3.23	80mm dia. Gate valve	No	5		
3.24	50mm Gate Valve	No.	10		
3.25	20mm Gate Valve	No	480		
	<u>PRVs</u>				
3.27	160mm Ø PRV complete with accessories	No	2		

3.28	110mm diameter PRV complete with accessories	No	1		
	<u>REDUCING TEE</u>				
3.29	250mm×215mm × 110mm reducing tee	No	1		
	<u>SERVICE METERS</u>				
3.40	Service meters 25mm Ø complete with accessories	No	1551		
	<u>MASTER METERS</u>				
3.41	300mm Ø master meter complete with accessories	No	1		
3.42	250mm Ø master meter complete with accessories	No	1		
3.50	200mm Ø master meter complete with accessories	No	1		
3.51	150mm Ø master meter complete with accessories	No	3		
3.60	100mm Ø master meter complete with accessories	No	2		
	<u>SLUICE VALVES</u>				
3.61	300mm Ø sluice valve complete with accessories	No	2		
3.70	250mm Ø sluice valve complete with accessories	No	1		
3.71	150mm Ø sluice valve complete with accessories	No	4		
3.72	100mm Ø sluice valve complete with accessories	No	2		

3.73	50 mm Ø sluice valve complete with accessories	No	10		
	<u>WASHOUTS</u>				
3.74	200mm Ø washout complete with accessories	No	6		
3.75	100mm Ø washout complete with accessories	No	3		
3.80	90mm Ø washout complete with accessories	No	1		
	Total carried to summary				

EMBU COUNTY SUMMARY (b)**LOT (1)(b). –Embu: uPVC PIPES AND FITTINGS**

ITEM	DESCRIPTION	UNIT	QTY	RATE Ksh.	AMOUNT Ksh.
1.0	uPVC Pipe work Provide and supply to site and test the following flexible spigot and socket pipes and fittings with rubber ring joints. (The cost shall also include unloading at the site) Pipe dimensions / working pressures shall Conform to KS-06-149 Part 2: 2000. Class Working pressure (m) B (PN 6) 60 C (PN 10) 90 D (PN 12.5) 120 E (PN 16) 150 UPVC Straight pipes.				
1.01	315mm diameter uPVC PN6	No	117		
1.02	160mm diameter Upvc pipes PN 10	No	183		
1.04	160mm diameter Upvc PN8	No	660		
1.05	90mm diameter upvc PN 8	No	7400		
1.06	63mm diameter upvc PN 10	No	4275		
1.07	25mm dia. Connecting Upvc pipe PN 6	No	3768		
1.08		No	5024		

	20mm diameter *80m long PN6 uPVC pipes				
	UPVC REDUCERS				
1.10		No	1		
	315mm ×160mm Ø reducer				
1.11		No	1		
	160mm×110mm Ø reducer				
1.12		No	1		
	110mm × 90mm reducer				
1.13		No	4		
	90mm×63mm reducer				
1.14		No	4		
	63mm × 50mm reducer				
1.15		No	412		
	25/20mm diameter Upvc/GI adaptor				
1.16		No	2472		
	20/20mm diameter Upvc/GI adaptor				
1.17		No	206		
	20/20mm diameter HDPE/GI female adaptor				
1.18		No	412		
	20mm Ø Upvc end cap/plug				
	Total carried to summary				

LOT (2)(b)- Embu: G.I PIPES AND FITTING

ITEM	DESCRIPTION	UNIT	QTY	RATE Ksh.	AMOUNT Ksh.
	<u>GI STRAIGHT PIPES</u> The cost shall also include unloading at the site				
2.0	20mm diameter GI piece 1m long threaded both sides	No	2472		
	<u>FITTINGS.</u>				
2.4	20* 20mm dia GI tee	No	2678		
2.5	20mm GI elbow	No	824		
2.6	20mm dia.GI nipple	No	824		
2.7	20mm Ø plug	No	206		
2.8	20mm Ø GI union	No	206		
2.9	20mm Ø equal tee	No	1236		
3.0	20mm Ø end caps	No	2472		
	Total carried to summary				

LOT (3)(b)- Embu: AIR VALVES AND SECTONAL VALVES

ITEM	DESCRIPTION	UNIT	QTY	RATE Ksh.	AMOUNT Ksh.
3.0	<p>AIR VALVES</p> <p>Provide, handle and test following steel and uPVC pipes and fittings, valves and specials. Special rates shall include for completing all pipes Joint. The cost shall also include unloading at t</p>				
3.0	<p>GATE VALVES</p>				
3.01	<p>20mm diameter Gate Valve</p>	No.	206		
	<p><u>SERVICE METERS</u></p>				
3.02	<p>Service meters 25mm Ø complete with accessories</p>	No.	606		
	<p><u>SLUICE VALVES</u></p>				
3.03	<p>160mm Ø sluice valve complete with accessories</p>	No.	2		
	<p>Total carried to summary</p>				

THARAKA-NITHI SUMMARY(c).**LOT (1)(c). – Tharaka Nithi: uPVC PIPES AND FITTINGS**

ITEM	DESCRIPTION	UNIT	QTY	RATE Ksh.	AMOUNT Ksh.
1.0	uPVC Pipe work Provide and supply to site and test the following flexible spigot and socket pipes and fittings with rubber ring joints. (The cost shall also include unloading at the site) Pipe dimensions / working pressures shall Conform to KS-06-149 Part 2: 2000. Class Working pressure (m) B (PN 6) 60 C (PN 10) 90 D (PN 12.5) 120 E (PN 16) 150 UPVC Straight pipes.				
1.01	200mm diameter uPVC PN8	No	120		
1.02	110mm diameter Upvc pipes PN 8	No	350		
1.04	90mm diameter Upvc PN8	No	1180		
1.05	75mm diameter upvc PN8	No	234		

1.06	63mm diameter upvc PN 8	No	532		
1.07	50mm diameter upvc PN 10	No	446		
1.08	32mm diameter Upvc PN12.5	No	145		
1.09	32 mm diameter uPVC pipes PN8	No	100		
1.10	25mm diameter upvc PN 10	No	1200		
	UPVC REDUCERS				
1.11	90mm ×75mm uPVC reducing socket	No	2		
1.12	75mm ×63mm uPVC reducing socket	No	2		
1.13	110mm ×90mm uPVC reducing socket	No	1		
1.14	200mm ×110mm uPVC reducing socket	No	1		
1.15	63mm ×50mm uPVC reducing socket	No	3		
1.16	90mm ×62mm uPVC reducing socket	No	1		
1.17	50mm ×32mm uPVC reducing socket	No	2		
1.18	200mm diameter 90 degrees Upvc bend	No	1		
1.19	200 mm x 90 mm Upvc tee	No	2		
1.20	110 mm x 90 mm Upvc tee	No	1		

1.21	HOSEPIPE	No	200		
1.22	½” dia. Rubber hose pipe (30M each)	No	200		
	20mm dia. HDPE pipe				
	Total carried to summary				

LOT (2)(c) –Tharaka Nithi : G.I PIPES AND FITTING

ITEM	DESCRIPTION	UNIT	QTY	RATE Ksh.	AMOUNT Ksh.
	<u>GI STRAIGHT PIPES</u> The cost shall also include unloading at the site				
2.3	90mm diameter GI class B pipes threaded C/A	No	10		
2.4	20mm Ø GMS pipe 1m long threaded on both sides	No	200		
2.5	20mm dia. Sprinkler of nozzle size 3.6mm × 2.1 bar complete with valve sockets	No	200		
2.6	20mm dia. G.M.S 1.5m long pipe one end socketed, the other end threaded	No	200		
2.7	<u>FITTINGS</u>				
2.8	200mm dia GI to Upvc VJ adaptor	No	2		

2.10	63mm dia barrel nipple	No	3		
2.11	90mm threaded flanges	No	4		
2.12	90mm GI socket	No	20		
2.13	20mm diameter elbow threaded both ends	No	200		
2.14	20 mm Ø 90 degrees GMS elbow threaded both ends clamp	No.	200		
2.15	20mm dia. HDPE saddle clamp with female thread	No	200		
2.16	200mm×32mm saddle clamp	No	6		
2.17	50mm×32mm saddle clamp	No	1		
2.18	20mm Ø male threaded adopter coupler with BSP taper threaded	No	200		
	63mm dia barrel nipple	No	200		
	32mm dia barrel nipple	No	8		
	20 * 20mm dia. male thread adaptor coupler	No	200		
	Total carried to summary				

LOT (3)(c) – Tharaka Nithi : AIR VALVES AND SECTIONAL VALVES

ITEM	DESCRIPTION	UNIT	QTY	RATE Ksh.	AMOUNT Ksh.
3.0	AIR VALVES Provide, handle and test following steel and uPVC pipes and fittings, valves and specials. Special rates shall include for completing all pipes Joint.				
3.0	AIR VALVES				
3.01	63mm Ø single orifice air valve with all Their accessories	No.	3		
3.02	100mm Ø sluice valve complete with accessories	No.	1		
3.03	32mm Ø single air valve	No.	1		
3.1	VALVE SOCKETS	.			
3.10	63mm dia valve socket	No	3		
3.11	90mm dia valve socket	No	6		
3.12	20mm dia valve socket	No	400		
3.2	GATE VALVES				
3.20	20mm diameter Gate Valve	No.	200		

3.21	90mm diameter Gate Valve	No	3		
3.22	32mm dia. Gate valve	No.	4		
3.23	63mm Gate Valve	No.	3		
3.24	75mm Gate Valve	No	1		
3.25	50mm Gate Valve	No	1		
3.26	25mm Gate Valve	No	200		
3.27	20mm Gate Valve	No	200		
3.30	<u>SERVICE METERS</u>				
3.31	Service meters 25mm Ø complete with accessories	No	200		
3.32	20 mm Ø Sprinkler Tripod stand 1m long	No.	200		
	<u>MASTER METERS</u>				
3.40	200mm Ø master meter complete with accessories	No	1		

	Total carried to summary				
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NYERI COUNTY SUMMARY (d)

LOT (1)(d). –Nyeri: uPVC PIPES AND FITTINGS.

ITEM	DESCRIPTION	UNIT	QTY	RATE Ksh.	AMOUNT Ksh.															
1.0	<p>uPVC Pipe work</p> <p>Provide and supply to site and test the following flexible spigot and socket pipes and fittings with rubber ring joints.</p> <p>Pipe dimensions / working pressures shall Conform to KS-06-149 Part 2: 2000.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Class</td> <td style="width: 15%;">Working pressure (m)</td> <td></td> </tr> <tr> <td>B (PN 6)</td> <td>60</td> <td></td> </tr> <tr> <td>C (PN 10)</td> <td>90</td> <td></td> </tr> <tr> <td>D (PN 12.5)</td> <td>120</td> <td></td> </tr> <tr> <td>E (PN 16)</td> <td>150</td> <td></td> </tr> </table> <p>UPVC Straight pipes.</p>	Class	Working pressure (m)		B (PN 6)	60		C (PN 10)	90		D (PN 12.5)	120		E (PN 16)	150					
Class	Working pressure (m)																			
B (PN 6)	60																			
C (PN 10)	90																			
D (PN 12.5)	120																			
E (PN 16)	150																			
1.01	280mm diameter uPVC PN 10	No	4																	
1.02	225mm diameter Upvc pipes PN 10	No	647																	
1.04	225mm diameter Upvc PN 12.5	No	14																	
1.05	225mm diameter upvc PN 16	No	40																	

1.06	160mm diameter upvc PN 10	No	123		
1.10	UPVC REDUCERS				
1.11	280mm ×225mm uPVC reducer	No	1		
1.12	280 * 250mm dia GI/ uPvc adaptors	No	2		
1.13	280 * 250mm dia GI/ uPvc adaptors	No	12		
	Total carried to summary				

LOT (2)(d) Nyeri: G.I PIPES AND FITTING

ITEM	DESCRIPTION	UNIT	QTY	RATE Ksh.	AMOUNT Ksh.
	<u>GI STRAIGHT PIPES</u> The cost shall also include unloading at the site				
2.0	250mm diameter GI class B pipes with clamps	No	2		
2.2	200mm diameter class "B" GI pipe with clamps	No	21		
2.3	200mm dia GI spigot flanged both sides	No	2		
2.4	150mm dia G.I pipes medium grade with clamps	No	8		
2.5	100mm dia GI pipe, length 1.5m with clamps	No	2		
2.6	100mm dia GI pipe, one end plain, one end flanged, length 1m	No	1		
2.7	50mm dia G.I pipe piece 0.3m long one end threaded, other end plain	No	1		
2.8	75mm dia double flanged GI pipe (500mm)	No	2		
	<u>FITTINGS</u>				
2.11	50mm dia. barrel nipple	No	2		
2.12	50mm dia. Hexagonal nipple	No.	4		
2.13	225mm×50mm saddle clamp with a nipple to fit a valve –double flanged GI pipe	No	2		

2.14	225mm×75mm saddle clamp with a nipple to fit a gate valve –double flanged GI pipe	No	2		
2.1.5	75mm * 75mm level invert scour GI tee with flanged branch	No	2		
2.16	50mm drilled flange pipe piece to fit a DAV/SAV	No	2		
2.17	100mm dia. VJ coupling	No.	1		
2.18	200mm dia GI pipe medium grade, one end plain, one end perforated with 20mm dia holes @ 200mm c/c pipe mouth capped with 14 gauge MS plate perforated with 14mm gauge MS plate perforated with same size of holes and aluminum coated	No.	1		
	Total carried to summary				

LOT (3)(d)- Nyeri: AIR VALVES AND SECTONAL VALVES

ITEM	DESCRIPTION	UNIT	QTY	RATE Ksh.	AMOUNT Ksh.
3.0	AIR VALVES Provide, handle and test following steel and uPVC pipes and fittings, valves and specials. Special rates shall include for completing all pipes Joint. The cost shall also include unloading at the site				
3.0	VALVE SOCKETS				
3.01	50mm dia double orifice air valve	No.	1		
3.02	50mm dia valve socket	No.	2		
3.03	50mm dia union socket	No.	1		
3.04	50mm dia. Plain sockets	No	1		
3.05	200mm dia valve socket	No	2		
3.1	GATE VALVES				
3.10	50mm diameter double orifice Gate Valve	No.	2		
3.11	50mm diameter Gate Valve	No	4		

3.12	75mm dia. Flanged Gate valve	No.	2		
3.20	<u>REDUCING TEE</u>				
3.21	200mm× 50mm reducing tee	No.	2		
3.22	<u>SERVICE METERS</u>				
3.23	Service meters 25mm Ø complete with accessories	No.	930		
3.24	<u>SLUICE VALVES</u>				
3.25	200mm Ø sluice valve complete with accessories	No	1		
3.26	250mm master meter complete with accessories	No.	1		
	Total carried to summary				

KIRINYAGA COUNTY SUMMARY (e)**LOT (1)(e). – Kirinyaga: uPVC PIPES AND FITTINGS**

ITEM	DESCRIPTION	UNIT	QTY	RATE Ksh.	AMOUNT Ksh.										
1.0	<p>uPVC Pipe work</p> <p>Provide and supply to site and test the following flexible spigot and socket pipes and fittings with rubber ring joints. (The cost shall also include unloading at the site)</p> <p>Pipe dimensions / working pressures shall Conform to KS-06-149 Part 2: 2000.</p> <table> <tr> <td>Class</td> <td>Working pressure (m)</td> </tr> <tr> <td>B (PN 6)</td> <td>60</td> </tr> <tr> <td>C (PN 10)</td> <td>90</td> </tr> <tr> <td>D (PN 12.5)</td> <td>120</td> </tr> <tr> <td>E (PN 16)</td> <td>150</td> </tr> </table> <p>UPVC Straight pipes.</p>	Class	Working pressure (m)	B (PN 6)	60	C (PN 10)	90	D (PN 12.5)	120	E (PN 16)	150				
Class	Working pressure (m)														
B (PN 6)	60														
C (PN 10)	90														
D (PN 12.5)	120														
E (PN 16)	150														
1.01	315mm diameter uPVC PN8	No	140												
1.02	250mm diameter Upvc pipes PN 8	No	195												
1.04	200mm diameter Upvc PN8	No	1683												
1.05	160mm diameter upvc PN 8	No	100												
1.06	160mm diameter upvc PN 10	No	115												

1.07	110mm diameter upvc PN 8	No	585		
1.08	90mm diameter Upvc PN8	No	92		
1.09	90 mm diameter uPVC pipes PN10	No	625		
1.10	63mm diameter upvc PN 8	No	100		
1.11	63mm diameter upvc PN 10	No	180		
1.12	63mm diameter upvc PN 12.5	No	470		
1.13	40mm diameter uPVC pipes PN10	No	2000		
1.14	40 mm diameter uPVC pipes PN 12.5	No	830		
1.15	40mm diameter upvc PN 8	No	80		
1.16	32mm diameter uPVC class PN 10	No	4728		
1.17	25mm diameter uPVC pipes PN 10	No	3000		
1.18	20mm diameter uPVC pipes PN 10	No	10		
1.19	15mm diameter uPVC pipes PN10	No	1680		
	UPVC REDUCERS				
1.20	315mm ×250mm uPVC reducer	No	1		
1.21	250mm×200mm uPVC reducer	No	1		

2.22	200mm × 150mm pvc reducer	No	1		
1.23	50mm×25mm UPVC Tee	No	225		
	HOSEPIPE				
1.24	1/2”dia. Rubber hose pipe (50m each)	No	301		
	Total carried to summary				

LOT (2)(e)- Kirinyaga: G.I PIPES AND FITTING

ITEM	DESCRIPTION	UNIT	QTY	RATE Ksh.	AMOUNT Ksh.
	<u>GI STRAIGHT PIPES</u> The cost shall also include unloading at the site				
2.0	300mm diameter GI class B pipes flanged both sides	No	6		
2.2	250mm diameter class “B” GI pipe flanged both ends	No	9		
2.3	200mm diameter class “B” GI pipe flanged both ends	No	34		
2.4	1.0mm long ,13mm diameter class “B” GI pipe threaded both sides	No	200		
2.5	350mm * 300mm Ø G.I spigot 700mm long with a welded drilled flanged and bell mouthed on one end	No	1		
2.6	150mm * 100mm Ø G.I spigot 700mm long with a welded drilled flanged and bell mouthed on one end	No	1		

2.7	300mm Ø G.I spigot 5m long with a welded flange both sides	No	1		
2.8	100mm Ø G.I spigot 5m long with a welded flange both sides	No	1		
2.9	19mm * 75mm long bolts, nuts, and washers.	No.	304		
2.10	100mm dia GI class “B” pipes flanged both sides	No	13		
	20mm dia. Sprinkler of nozzle size 3.6mm × 2.1 bar complete with valve sockets	No	201		
2.11	<u>FITTINGS</u>				
2.12	250mm×50mm saddle clamp	No	2		
2.13	200mm×25mm saddle clamp	No	5		
2.14	200mm×50mm saddle clamp	No	2		
2.15	110mm×100mm saddle clamp	No	10		
2.18	90mm×25mm saddle clamp	No	10		
2.19	100mm×25mm saddle clamp	No	6		
2.30	100mm×50mm saddle clamp	No	6		
2.31	50mm×25mm saddle clamp	No	1		
2.32	300mm Ø drilled flange	No	1		

2.33	250mm Ø drilled flange	No	1		
2.34	100mm Ø drilled flange	No	1		
2.35	150 * 160mm Ø flange adaptor	No	4		
2.36	250 * 250mm Ø flange adaptor	No	1		
2.37	200 * 200mm Ø flange adaptor	No	8		
2.38	110 * 100mm Ø flange adaptor	No	8		
2.39	300 * 315mm Ø flange adaptor	No	5		
2.40	50mm Ø hexagonal nipple	No	14		
2.41	25mm Ø hexagonal nipple	No	20		
2.43	50mm Ø socketed GI pipe class B/C	No	4		
	100mm dia * 50mm dia * 40mm dia fabricated Y-tee flanged on 100mm dia	No	1		
	Total carried to summary				

LOT (3)(e) - Kirinyaga: AIR VALVES AND SECTONAL VALVES

ITEM	DESCRIPTION	UNIT	QTY	RATE Ksh.	AMOUNT Ksh.
3.0	AIR VALVES Provide, handle and test following steel and uPVC pipes and fittings, valves and specials. Special rates shall include for completing all pipes Joint. The cost shall also include unloading site				
3.0	AIR VALVES				
3.01	25mm Ø single air valve complete with accessories	No.	15		
3.02	150mm Ø section valve	No.	1		
3.03	VALVE SOCKETS				
3.04	63mm dia valve socket	No.	12		
3.1	GATE VALVES				
3.10	50mm diameter Gate Valve	No.	13		
3.11	25mm diameter Gate Valve	No.	8		
3.12	20mm dia. Gate valve	No	301		

3.13	40mm Gate Valve	No.	1		
3.14	25mm Gate Valve	No.	8		
3.20	<u>PRVs</u>				
3.21	100mm diameter PRV complete with accessories	No	1		
	<u>SERVICE METERS</u>				
3.22	Service meters 25mm Ø complete with accessories	No	1582		
	<u>MASTER METERS</u>				
3.23	200mm Ø master meter complete with accessories	No	1		
	<u>SLUICE VALVES</u>				
3.24	315mm Ø sluice valve complete with accessories	No	1		
3.25	250mm Ø sluice valve complete with accessories	No	1		
3.26	200mm Ø sluice valve complete with accessories	No	1		
3.27	100mm Ø sluice valve complete with accessories	No	3		
	Total carried to summary				

Summary amount carried to form of tender

Line Item N°	Lot #	Description of Goods	Amount (Kshs)
Lot 1 (a)	1	uPVC pipes and fittings for Meru County	
Lot 1 (b)	2	uPVC pipes and fittings for Embu County	
Lot 1 (c).	3	uPVC pipes and fittings for Tharaka Nithi County	
Lot 1 (d).	4	uPVC pipes and fittings for Nyeri County	
Lot 1 (e)	5	uPVC pipes and fittings for Kirinyaga County	
Lot 2 (a)	6	GI pipes and fittings for Meru County	
Lot 2 (b)	7	GI pipes and fittings for Embu County	
Lot 2 (c).	8	GI pipes and fittings for Tharaka Nithi County	
Lot 2 (d).	9	GI pipes and fittings for Nyeri County	
Lot 2 (e)	10	GI pipes and fittings for Kirinyaga County	
Lot 3 (a)	11	Air valves and sectional valves for Meru County	
Lot 3 (b)	12	Air valves and sectional valves for Embu County	
Lot 3 (c).	13	Air valves and sectional valves for Tharaka Nithi	
Lot 3 (d).	14	Air valves and sectional valves for Nyeri County	
Lot 3 (e)	15	Air valves and sectional valves for Kirinyaga County	

3. Inspections and Tests

The following inspections and tests shall be performed:

1. A pre-shipment inspection and certification
2. An inspection Committee shall immediately after the delivery of goods inspect the goods and test to determine conformity to specifications.
3. The committee shall issue the acceptance certificate or reject the goods if they are in non-conformity to specifications.

PART 3 - Contract

Section VIII. General Conditions of Contract

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Section VIII. General Conditions of Contract

1. Definitions

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

Services is subcontracted by the Supplier.

- (n) “Supplier” means the person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.
- (o) “The Project Site,” where applicable, means the place named in the SCC.

2. Contract Documents

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

3. Corrupt and Fraudulent Practices

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

4. Interpretation

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

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

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

4.5 Nonwaiver

- (a) Subject to GCC Sub-Clause 4.5(b) below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.
- (b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

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

5. Language

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

6. Joint Venture, Consortium or Association

- 6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

7. Eligibility

- 7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.
- 7.2 All Goods and Related Services to be supplied under the Contract and financed by IFAD shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods

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

8. Notices 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.

Notice shall be effective when delivered or on the notice’s effective date, whichever is later.

9. Governing Law

9.1 The Contract shall be governed by and interpreted in accordance with the laws of the Purchaser’s Country, unless otherwise specified in the **SCC**.

9.2 Throughout the execution of the Contract, the Contractor shall comply with the import of goods and services prohibitions in the Purchaser’s country when

(a) as a matter of law or official regulations, the Borrower’s country prohibits commercial relations with that country; or

9.2 (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower’s Country prohibits any import of goods from that country or any payments to any country, person, or entity in that country.

10. Settlement of Disputes

10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

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

10.3 Notwithstanding any reference to arbitration herein,

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

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

- 11. Inspections and Audit by IFAD**
- 11.1 The Supplier shall keep, and shall make all reasonable efforts to cause its Subcontractors to keep, accurate and systematic accounts and records in respect of the Goods in such form and details as will clearly identify relevant time changes and costs.
- 11.2 The Supplier shall permit, and shall cause its Subcontractors to permit, IFAD and/or persons appointed by IFAD to inspect the Supplier's offices and all accounts and records relating to the performance of the Contract and the submission of the bid, and to have such accounts and records audited by auditors appointed by IFAD if requested by IFAD. The Supplier's and its Subcontractors and consultants' attention is drawn to Clause 3 [Fraud and Corruption], which provides, inter alia, that acts intended to materially impede the exercise of the IFAD's inspection and audit rights provided for under this Sub-Clause 11.1 constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank/IFAD's prevailing sanctions procedures)
- 12. Scope of Supply**
- 12.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.
- 13. Delivery and Documents**
- 13.1 Subject to GCC Sub-Clause 33.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the **SCC**.
- 14. Supplier's Responsibilities**
- 14.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 12, and the Delivery and Completion Schedule, as per GCC Clause 13.
- 15. Contract Price**
- 15.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the **SCC**.
- 16. Terms of Payment**
- 16.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the **SCC**.
- 16.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 13 and upon fulfillment of all other obligations stipulated in the Contract.
- 16.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.
- 16.4 The currencies in which payments shall be made to the Supplier

under this Contract shall be those in which the bid price is expressed.

16.5 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the **SCC**, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the **SCC**, for the period of delay until payment has been made in full, whether before or after judgment or arbitration award.

17. Taxes and Duties

17.1 For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.

17.2 For goods Manufactured within the Purchaser's country, the Purchaser shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

17.3 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

18. Performance Security

18.1 If required as specified in the **SCC**, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the **SCC**.

18.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

18.3 As specified in the **SCC**, the Performance Security, if required, shall be denominated in the currency(ies) of the Contract, or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the format stipulated by the Purchaser in the **SCC**, or in another format acceptable to the Purchaser.

18.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the **SCC**.

19. Copyright

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

20. Confidential Information

- 20.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause 20.
- 20.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.
- 20.3 The obligation of a party under GCC Sub-Clauses 20.1 and 20.2 above, however, shall not apply to information that:
- (a) the Purchaser or Supplier need to share with IFAD or other institutions participating in the financing of the Contract;
 - (b) now or hereafter enters the public domain through no fault of that party;
 - (c) can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or
 - (d) otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.
- 20.4 The above provisions of GCC Clause 20 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.
- 20.5 The provisions of GCC Clause 20 shall survive completion or termination, for whatever reason, of the Contract.

21. Subcontracting

- 21.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.
- 21.2 Subcontracts shall comply with the provisions of GCC Clauses 3 and 7.

22. Specifications and

- 22.1 Technical Specifications and Drawings

- Standards**
- (a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section VI, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.
 - (b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.
 - (c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause 33.
- 23. Packing and Documents**
- 23.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.
 - 23.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the **SCC**, and in any other instructions ordered by the Purchaser.
- 24. Insurance**
- 24.1 Unless otherwise specified in the **SCC**, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Incoterms or in the manner specified in the **SCC**.
- 25. Transportation and Incidental Services**
- 25.1 Unless otherwise specified in the **SCC**, responsibility for arranging transportation of the Goods shall be in accordance with the specified Incoterms.
 - 25.2 The Supplier may be required to provide any or all of the following services, including additional services, if any, **specified in SCC**:
 - (a) performance or supervision of on-site assembly and/or start-up

of the supplied Goods;

- (b) furnishing of tools required for assembly and/or maintenance of the supplied Goods;
- (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
- (d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
- (e) training of the Purchaser's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

25.3 Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services

26. Inspections and Tests

26.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the **SCC**.

26.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the **SCC**. Subject to GCC Sub-Clause 26.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

26.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 26.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

26.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

26.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be

added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

- 26.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.
- 26.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 26.4.
- 26.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 26.6, shall release the Supplier from any warranties or other obligations under the Contract.

27. Liquidated Damages

- 27.1 Except as provided under GCC Clause 32, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those SCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause 35.

28. Warranty

- 28.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.
- 28.2 Subject to GCC Sub-Clause 22.1(b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.
- 28.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

- 28.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.
- 28.5 Upon receipt of such notice, the Supplier shall, within the period specified in the **SCC**, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.
- 28.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the **SCC**, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

29. Patent Indemnity

- 29.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 29.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:
- (a) the installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and
 - (b) the sale in any country of the products produced by the Goods.

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

- 29.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 29.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.
- 29.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

29.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

29.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

30. Limitation of Liability

30.1 Except in cases of criminal negligence or willful misconduct,

(a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and

(b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement

31. Change in Laws and Regulations

31.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's country where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause 15.

32. Force Majeure

32.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force

Majeure.

32.2 For purposes of this Clause, “Force Majeure” means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

32.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

**33. Change Orders
and Contract
Amendments**

33.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:

- (a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;
- (b) the method of shipment or packing;
- (c) the place of delivery; and
- (d) the Related Services to be provided by the Supplier.

33.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier’s performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier’s receipt of the Purchaser’s change order.

33.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

33.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

34. Extensions of

34.1 If at any time during performance of the Contract, the Supplier or its

Time

subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 13, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

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

35. Termination**35.1 Termination for Default**

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

35.2 Termination for Insolvency.

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

Purchaser

35.3 Termination for Convenience.

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

36. Assignment

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

**37. Export
Restriction**

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

APPENDIX TO GENERAL CONDITIONS

Bank's Policy- Corrupt and Fraudulent Practices

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

“Fraud and Corruption:

1.16 It is the Bank's policy to require that Borrowers (including beneficiaries of Bank loans), bidders, suppliers, contractors and their agents (whether declared or not), sub-contractors, sub-consultants, service providers or suppliers, and any personnel thereof, observe the highest standard of ethics during the procurement and execution of Bank-financed contracts.¹⁰ In pursuance of this policy, the Bank:

- (a) defines, for the purposes of this provision, the terms set forth below as follows:
 - (i) “corrupt practice” is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;¹¹;
 - (ii) “fraudulent practice” is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;¹²
 - (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;¹³
 - (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;¹⁴
 - (v) "obstructive practice" is:

¹⁰ In this context, any action to influence the procurement process or contract execution for undue advantage is improper.

¹¹ For the purpose of this sub-paragraph, “*another party*” refers to a public official acting in relation to the procurement process or contract execution. In this context, “*public official*” includes World Bank/IFAD staff and employees of other organizations taking or reviewing procurement decisions.

¹² For the purpose of this sub-paragraph, “*party*” refers to a public official; the terms “*benefit*” and “*obligation*” relate to the procurement process or contract execution; and the “*act or omission*” is intended to influence the procurement process or contract execution.

¹³ For the purpose of this sub-paragraph, “*parties*” refers to participants in the procurement process (including public officials) attempting either themselves, or through another person or entity not participating in the procurement or selection process, to simulate competition or to establish bid prices at artificial, non-competitive levels, or are privy to each other's bid prices or other conditions.

¹⁴ For the purpose of this sub-paragraph, “*party*” refers to a participant in the procurement process or contract execution.

- (aa) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede an IFAD investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or
 - (bb) acts intended to materially impede the exercise of IFAD’s inspection and audit rights provided for under paragraph 1.16(e) below.
- (b) will reject a proposal for award if it determines that the bidder recommended for award, or any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- (c) will declare misprocurement and cancel the portion of the loan allocated to a contract if it determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement or the implementation of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to IFAD to address such practices when they occur, including by failing to inform IFAD in a timely manner at the time they knew of the practices;
- (d) will sanction a firm or individual, at any time, in accordance with the prevailing Bank/IFAD’s sanctions procedures,¹⁵ including by publicly declaring such firm or individual ineligible, either indefinitely or for a stated period of time: (i) to be awarded a Bank/IFAD-financed contract; and (ii) to be a nominated¹⁶;
- (e) will require that a clause be included in bidding documents and in contracts financed by an IFAD loan/grant, requiring bidders, suppliers and contractors, and their sub-contractors, agents, personnel, consultants, service providers, or suppliers, to permit IFAD to inspect all accounts, records, and other documents relating to the submission of bids and contract performance, and to have them audited by auditors appointed by IFAD.”

¹⁵ A firm or individual may be declared ineligible to be awarded a Bank/IFAD financed contract upon: (i) completion of the Bank/IFAD’s sanctions proceedings as per its sanctions procedures, including, inter alia, cross-debarment as agreed with other International Financial Institutions, including Multilateral Development Banks, and through the application the World Bank Group corporate administrative procurement sanctions procedures for fraud and corruption; and (ii) as a result of temporary suspension or early temporary suspension in connection with an ongoing sanctions proceeding. See footnote 14 and paragraph 8 of Appendix 1 of these Guidelines.

¹⁶ A nominated sub-contractor, consultant, manufacturer or supplier, or service provider (different names are used depending on the particular bidding document) is one which has either been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

Section IX. Special Conditions of Contract

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

GCC 1.1(i)	The Purchaser's country is: Kenya
GCC 1.1(j)	The Purchaser is: Ministry of Water & Sanitation and Irrigation, Upper Tana Natural Resources Management Project (UTANRMP)
GCC 1.1 (o)	The Project Site(s)/Final Destination(s) is/are: EACH PROJECT DELIVERY SITE as indicated in part 4
GCC 3 & Appendix to GCC	In addition to the statement on IFAD's towards corruption and fraudulent practices, bidders are free to file a complaint with the Public Procurement Authority (PPRA) if the vendor believes that there has been a breach of the Public Procurement and Asset Disposal Act 2015 and its Regulations
GCC 4.2 (a)	Delivered at Place: each project delivery site as indicated in part 4
GCC 4.2 (b)	The version edition of Incoterms shall be Incoterms 2010
GCC 5.1	The language shall be: English
GCC 8.1	For notices , the Purchaser's address shall be: The Purchaser: The Project Coordinator, Upper Tana Natural Resources Management Project P.O. BOX 996 – 60100 Embu, Kenya Email: utanrmp@gmail.com
GCC 9.1	The governing law shall be the law of: Government of Kenya
GCC 10.2	The rules of procedure for arbitration proceedings pursuant to GCC Clause 10.2 shall be as follows: <i>(a) 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 with the UNCITRAL Arbitration Rules as at present in force. <i>(b) Contracts with Supplier national of the Purchaser's country:</i> Any dispute between the Parties as to matters arising pursuant to this Contract that cannot be settled amicably within thirty (30) days after

	<p>receipt by one Party of the other Party's request for such amicable settlement may be referred by either Party to the arbitration and final decision of a person to be agreed between the Parties. All Disputes shall be settled by arbitration in accordance with the Nairobi Centre for International Arbitration (NCIA) 'Arbitration Rules, 2015'. Arbitration shall be by Arbitral tribunal comprising of three arbitrators. Each party shall appoint one arbitrator and the third arbitrator who shall act as the president of the tribunal shall be appoint by the NCIA. The decision of the Arbitration tribunal shall be final and binding on the parties.</p>
GCC 13.1	<p>Details of Shipping and other Documents to be furnished by the Supplier are:</p> <p>For Goods supplied from abroad: Upon shipment, the Supplier shall notify the Purchaser and the Insurance Company by mail the full details of the shipment, including Contract number, description of Goods, quantity, the vessel, the bill of lading number and date, port of loading, date of shipment, port of discharge, etc. The Supplier shall mail the following documents to the Purchaser, with a copy to the Insurance Company:</p> <ol style="list-style-type: none"> 1. Copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount; 2. Original and 3 (three) copies of the negotiable, clean, on-board bill of lading marked "freight prepaid" and 3 (three) copies of nonnegotiable bill of lading; 3. Copies of the packing list identifying contents of each package; 4. Insurance Certificate; 5. Manufacturer's or Supplier's warranty certificate; 6. Inspection certificate, issued by the nominated inspection agency, and the Supplier's factory inspection report; and 7. Certificate of origin. <p>The above documents shall be received by the Purchaser at least two weeks before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.</p> <p>For Goods from within the Purchaser's country: The supplier shall deliver the goods to the purchaser's project sites as per the distribution table specified in the schedule of requirements and the supplier shall be solely responsible for all arrangements, insurance, documentation and all matters in connection therewith. When delivering the goods, the following documents shall be presented</p> <ol style="list-style-type: none"> 1. Copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount; 2. Delivery note, railway receipt, or truck receipt; 3. Manufacturer's or Supplier's warranty certificate; 4. Inspection certificate issued by the nominated inspection agency, and the Supplier's factory inspection report;

	<p>5. Certificate of origin;</p> <p>6. Kenya Bureau of Standard quality inspection certificate and mark of quality</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>
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 shall be made through letter of Credit under the following conditions.</p> <ol style="list-style-type: none"> 1. Payment shall be effected upon presentation of a complete set of shipping documents to the advising bank as will be stipulated in the Letter of Credit (LC). 2. The Supplier shall be required to meet all LC bank charges incurred in their country; while UTANRMP will meet those incurred in Kenya. Any extension and or amendment charges and other costs that may result from the Supplier’s delays, requests, mistakes or occasioned howsoever by the Supplier shall be to the Supplier’s account. 3. The number of LC extensions shall be limited to a maximum of two (2) only, but not exceeding one quarter (3 months) each, at the cost of the Supplier 4. Should the Supplier require a confirmed LC, then all confirmation and any other related charges levied by both the Supplier’s and Purchaser’s bank shall be to the Supplier’s account. 5. The LC shall be opened only for the specific order within the validity period of the contract. 6. The Supplier shall be required to submit a Proforma Invoice for use in the placement of order and opening of the LC. The Proforma Invoice shall be on total Cost Delivered at place basis. 7. A copy of the Performance Security, stamped and certified as authentic by UTANRMP, whose expiry date should not be less than 30 days from the LC expiry date, shall form part of the documents to be presented to the bank before any payment is made. <ol style="list-style-type: none"> (i) Advance Payment: There shall be no advance payment for this contract (ii) On Shipment: Fifty (50) percent of the Contract Price of the Goods shipped shall be paid through irrevocable confirmed letter of credit

	<p>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: Fifty (50) percent of the Contract Price of Goods received shall be paid within thirty (30) days of receipt of the Goods upon submission of claim supported by the acceptance certificate issued by the Purchaser.</p> <p>Payment of local currency portion shall be made in contract price within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed</p> <p>Please note that all deliveries and payments shall be made by 30th June 2020.</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 Kenya Shillings as follows:</p> <p>(i) Advance Payment: There shall be no advance payment under this contract.</p> <p>(ii) On Acceptance: One hundred (100) percent of the Contract Price shall be paid to the Supplier within forty five (45) days after the date of the acceptance certificate for the respective delivery issued by the Purchaser.</p> <p>Please note that all deliveries and payments shall be made by 30th June 2020.</p>
GCC 16.5	<p>The payment-delay period after which the Purchaser shall pay interest to the supplier shall be 90days.</p> <p>The interest rate that shall be applied is:</p> <ul style="list-style-type: none"> i. Foreign currency: LIBOR + 1% (three months maturity period) ii. Local Currency: 2% above the Central Bank of Kenya prevailing base lending rate at the date of tender opening (three months maturity period)
GCC 18.1	<p>A Performance Security of 10% of the contract price shall be required</p>
GCC 18.3	<p>If required, the Performance Security shall be in the form of: Demand Guarantee</p> <p>If required, the Performance security shall be denominated in the currencies of payment of the contract</p>

GCC 18.4	Discharge of the Performance Security shall take place: twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract , including any warranty obligations
GCC 24.1	The insurance coverage shall be as specified in the Incoterms.
GCC 25.1	Responsibility for transportation of the Goods shall be as specified in the Incoterms.
GCC 26.1	The inspections and tests shall be: in compliance to specifications and performance
GCC 26.2	The Inspections and tests shall be conducted at: EACH PROJECT DELIVERY SITE
GCC 27.1	The liquidated damage shall be: 0.1% per day
GCC 27.1	The maximum amount of liquidated damages shall be: 10%
GCC 28.3	The period of validity of the Warranty shall be: One (1) Year For purposes of the Warranty, the place(s) of final destination(s) shall be at each project delivery point as indicated in part 4
GCC 28.5	The period for repair or replacement shall be: 21days.

Section X. Contract Forms

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

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Letter of Acceptance

[letterhead paper of the Purchaser]

[date]

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

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

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

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

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

Attachment: Contract Agreement

Contract Agreement

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

THIS AGREEMENT made

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

BETWEEN

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

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

The Purchaser and the Supplier agree as follows:

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

3. In consideration of the payments to be made by the Purchaser to the Supplier as specified in this Agreement, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

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

For and on behalf of the Purchaser

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

For and on behalf of the Supplier

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

Performance Security

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

[Guarantor letterhead or SWIFT identifier code]

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

Date: *_ [Insert date of issue]*

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

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

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

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

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

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

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

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

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.

Advance Payment Security

[Guarantor letterhead or SWIFT identifier code]

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

Date: *[Insert date of issue]*

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

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

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

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

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

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

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]*.

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.*

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.

[signature(s)]

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

PART 4 – Delivery Points for Pipes and Fittings

No	Irrigation water project	Delivery Point
Meru county		
1.	Njuthine small scale	Chaaria Market (0.0136° S, 37.7688° E) and Njuthine Primary school (0.0100° S, 37.8192° E)
2.	Gaki self help group	Nyaagi Primary school (-0.132053, 37.611698E) and Kairiene primary school (-0.135391, 37.592480)
3.	Runywene central	Runywene Primary School (0.0020° S, 37.7432° E) and Mwitumura primary school (0.0053° S, 37.6988° E)
4.	Ndamene	Kamanguru market (0.0063° S, 37.7683° E) and Chaaria Market (0.0136° S, 37.7688° E)
5.	Kithino mari	Kangutu market -Mari water project office (-0.09383, 37.69245)
6.	Mazingira	Mariene Primary School (0.0174° S, 37.6449° E)
7.	Kariene kirimene	Mugambone mixed day secondary school (0.001663N, 37.648262E)
8.	Karukune	MCK Ruiga Church (0.0087° S, 37.6763° E) and Michogo Coffee factory (0.0062° S, 37.6698° E)
9.	Muguna mugambone	Mugambone coffee factory (-0.006009, 37.658099)
10.	Makandi	Makandi Primary school (0.0908° N, 37.8104° E) and PEFA Church Kathima (0.105665N, 37.810374E)
Kirinyaga county		
11.	Kabaratini	Guteya Primary school (0°30.865' S,37°13.847'E)
12.	Kutus Mjini	Rukenya Primary school ((0°32.426' S, 37°20.191'E),St.Paul's primary school.
13.	Kinyako	Kinyako project office, Nyaga catholic church
14.	Kako Kangai	Nyaga Primary school ((0°35.269' S, 37°18.266'E),
15.	Mutuma	Mutuma Primary school ((0°26.285' S, 37°15.446'E),
Embu county		
16.	Kamarandi	Kathenge DEB Primary school ((0°26.676' S, 37°51.190'E),
17.	Rutune Karimari	Mbuvori ((0°23.300' S, 37°27.851'E), Kagumori((0°22.129' S, 37°27.128'E), Kambevo,Kiruiro Tea Factory.
Tharaka-Nithi County		
18.	Kamwangu	Ntakani Makert, Ntakani Primary school(0°17.752' S, 37°47.764'E
Nyeri county		
19.	Simbara Amboni	Amboni dispensary,Kieni west sub-county,Mweiga (0°20.242' S, 36°52.376'E),
20.	Sagana	Sagana police post in Mathira west (0°26.001' S, 37°6.318'E),

Section IX. Detailed requirement/schedule of requirement for pipes and fittings

Bidders are informed that below is the detailed schedule of requirements for each irrigation water project to assist in identifying the pipes and fittings for each irrigation scheme and their respective delivery points as indicated in part 4.

MERU COUNTY (a)

A) NJUTHINE SMALL SCALE IRRIGATION WATER PROJECT.

Item	Description	Unit	Qty
1.	300mm dia. GI class “B”	No	5
2.	315mm dia UPVC class B pipes	No	145
3.	110mm dia uPVC class “B” pipes	No	450
4.	90mm dia UPVC class “B” pipes	No	195
5.	50mm dia. UPVC class “B” pipes	No	410
6.	Service meter 25mm Ø complete with accessories.	No	160
7.	300mm Ø Sluice valve complete with all its accessories.	No	1
8.	300mm Ø master meter complete with accessories.	No	1

B) GAKI SELF HELP GROUP IRRIGATION WATER PROJECT.

Item	Description	Unit	Qty
1.0	PIPING		
1.	110mm ø uPVC pipes PN6	No.	500
2.	63mm dia uPVC pipes PN8	No.	42
3.	50mm dia uPVC pipes PN8	No.	42
4.	Reducing tee 250mm * 215mm* 110mm	No.	1
5.	200mm dia VJ flanged adaptors	No.	4
6.	250mm dia. flanged adaptors	No.	6

7.	110mm ø PRV	No.	1
8.	250mm ø 90 degrees GI bend flanged both ends	No.	4
9.	250mm dia Upvc class B PN6 pipes	No.	167
10.	100mm ø elbow	No.	2
11.	250mm ø air valve complete with accessories	No.	1
12.	200mm ø washout complete with accessories	No.	3
13.	100mm ø washout complete with accessories	No.	3
14.	200mm ø air valve complete with accessories	No.	1
15.	100mm ø air valve complete with accessories	No.	1
16.	250mm ø master meter complete with accessories	No.	1
17.	250mm ø sluice valve complete with accessories	No.	1
18.	250mm dia. class B GI pipes flanged on both sides	No.	8
19.	250mm dia. class B GI pipes flanged on one side	No.	4
20.	250mm dia. class B GI pipes with bell mouth and flanged on one side	No.	1
21.	200mm dia class B GI pipes flanged on one side	No.	4
22.	Service meter 25mm dia complete with accessories.	No.	156

C) RUNYWENE CENTRAL IRRIGATION WATER PROJECT.

Item	Description	Unit	Qty
	Piping		
1.	160mm dia Upvc class "B" pipes	No	950
2.	110mm dia UPVC class "B" pipes	No	192
3.	63mm dia Upvc class "C" pipes	No	100
4.	90mm dia Upvc PN 6 pipes	No	159
5.	90mm dia Upvc class "C" pipes	No	9
6.	150mm ø GI pipes class B flanged	No	9
7.	100mm ø GI pipe class B flanged	No	4
8.	160mm Ø PRV complete with accessories	No	1

9.	150mm Ø sluice valve complete with accessories	No	1
10.	Service meter 25mm Ø complete with accessories.	No	120

D) NDAMENE IRRIGATION WATER PROJECT.

Item	Description	Unit	Qty
1.00	Intake		
1.01	150mm dia GI class B flanged	No	4
1.02	160mm dia Upvc PN6	No	439
1.03	100mm dia uPVC PN6	No	379
1.04	90mm dia Upvc PN6	No	67
1.05	50mm dia Upvc PN10	No	75
1.06	40mm dia uPVC PN 10	No	67
1.07	25mm dia Upvc PN16	No	50
	Fittings		
1.09	150mm dia GI VJ adaptor	No	1
1.10	150mm valve socket	No	1
1.11	150mm ×80mm Saddle Cramp	No	5
1.12	150mm * 25mm Saddle cramp	No	2
1.13	110mm * 25mm Saddle Cramp	No	1
1.14	110mm * 50mm Saddle Cramp	No	1
1.15	80mm dia dia gate valve	No	3
1.16	50mm dia gate valve	No	1
1.17	90mm valve Socket	No	6
1.18	63mm dia valve Socket	No	2
1.19	160mm * 110mm pvc reducer	No	1
1.20	110mm * 90mm pvc reducer	No	1
1.21	110mm * 63mm pvc reducer	No	1
1.22	63mm * 50mm pvc reducer	No	1

1.23	50mm * 32mm pvc reducer	No	1
FIELD	UPVC STAIGHTS		
1.24	32mm dia PN10 shared laterals	No	100
1.25	20mm dia PN 10 hydrant feeders	No	550
	HOSE PIPES		
1.26	Dia 20mm rubber hose pipe(20 each)	No	1200
1.2.7	Dia 20mm jubilee clips	No	90
	FITTINGS		
1.28	Dia 20mm GI tee	No	780
1.29	Dia 20mm GI elbow	No	180
	UPVC PIPEWORK (Hydrant Fittings)		
1.30	Dia 20mm G.M.S pipe 1m long threaded on both ends	No.	420
1.31	Dia 20mm GI nipple	No.	1260
1.32	Dia 20mm gate valve	No	480
1.33	Dia 20mm Upvc valve socket	No	900
	sprinkler assembly and fittings		
1.34	Dia 20mm G.M.S 1.2m long pipe one end socketed, other end threaded	No	150
1.35	Service meter 25mm Ø complete with accessories	No	100
1.36	150mm Ø sluice valve complete with accessories	No	1
1.37	150mm Ø master meter complete with accessories	No	1

E) KITHINO MARI IRRIGATION WATER PROJECT.

Item	Description	Unit	Qty
	Piping		
1.01	225mm dia uPVC PN6	No	70
1.02	110mm dia uPVC PN6	No	492
1.03	160mm dia upvc PN6	No	420
1.04	63mm dia Upvc PN6	No	34

1.05	50mm dia Upvc PN6	No	34
1.06	Service meter 25mm Ø complete with accessories	No	463
1.07	300mm Ø sluice valve complete with accessories	No	1

F) MAZINGIRA WATER PROJECT.

Item	Description	Unit	Qty
1.			
2.	160mm Ø uPVC PN6	No	350
3.	63mm Ø uPVC PN 10	No	100
4.	50mm uPVC PN 12.5	No	300
5.	150mm Ø G.I pipe class B flanged one side	No	6
6.	40mm Ø GI pipe B socketed	No	6
7.	32mm uPVC PN 12.5	No	300
8.	25mm uPVC PN 16	No	1110
9.	20mm uPVC PN 16	No	1000
10.	150mm Ø master meter complete with accessories	No	1
11.	150mm Ø sluice valve complete with accessories	No	1
12.	Service meter 25mm Ø complete with accessories	No	91
13.	150mm * 160mm VJ adaptor	No	3
14.	20mm Ø HDPE pipe 36m long	No	91

G) KARIENE KIRIMENE WATER PROJECT.

Item	Description	Unit	Qty
1.	160mm uPVC class B pipes	No	455
2.	160mm Ø PRV complete with accessories	No	1
3.	150mm Ø sluice valve complete with accessories	No	1
4.	150mm Ø master meter complete with accessories	No	1

5.	Service meter 25mm Ø complete with accessories	No	130
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H) KARUKUNE WATER PROJECT.

Item	Description	Unit	Qty
1.0	INTAKE WORKS	No	
1.	100mm dia GI pipe class B	No	7
2.	110mm dia Upvc pipe PN6	No	170
3.	80mm dia GI pipe Class B	No	6
4.	90mm dia Upvc pipe PN6	No	98
5.	63mm dia Upvc pipe PN 10	No	50
6.	50mm dia Upvc pipe PN 10	No	34
7.	40mm dia Upvc pipe PN 10	No	9
8.	32mm dia Upvc pipe PN 10	No	34
9.	25mm dia Upvc pipe PN 12.5	No	900

I) MUGUNA MUGAMBONE WATER PROJECT.

Item	Description	Unit	Qty
1.0	PIPELINE WORKS		
1.1	110mm dia uPVC PN6 pipes	No	120
1.2	100mm dia GI pipes class B	No	1
1.3	90mm dia uPVC PN6 pipes	No	795
1.4	Service meter 25mm Ø complete with accessories	No	80
1.5	100mm Ø master meter complete with accessories	No	1
1.6	100mm Ø gate valve complete with accessories	No	1
1.7	20mm dia PN12.5 PVC pipes	No	76

J) MAKANDI WATER PROJECT.

Item	Description	Unit	Qty
1.0	PIPING		
1.1	200mm dia GI pipe flanged	No	30
1.2	200mm dia uPVC PN6	No	263
1.3	200mm dia uPVC PN10	No	180
1.4	200mm dia uPVC PN12.5	No	247
1.5	200mm dia upvc pipe PN 16	No	309
1.6	140mm dia upvc pipe PN6	No	100
1.7	110mm dia upvc pipe PN 6	No	134
1.8	110mm dia upvc PN 10	No	70
1.9	90mm dia upvc PN 10	No	235
2.0	90mm dia upvc PN 12.5	No	70
2.1	63mm dia upvc PN 6	No	90
2.2	63mm dia upvc PN 12.5	No	50
2.3	50mm dia upvc PN 6	No	75
2.4	50mm dia upvc PN 12.5	No	20
2.5	40mm dia upvc PN 10	No	35
2.6	40mm dia upvc PN 12.5	No	15
	Fittings		
2.7	200mm dia VJ Adaptor	No	7
2.8	140mm * 110mm reducer	No	1
2.9	110mm * 90mm reducer	No	2
3.0	90mm * 63mm reducer	No	3
3.1	63mm * 50mm reducer	No	3
3.2	50mm * 40mm reducer	No	3
3.3	110mm dia gate valve	No	2
3.4	50mm dia gate valve	No	5
3.5	50mm dia 90 degrees bend flanged	No	4
3.6	50mm dia union socket	No	2
4.0	90mm dia gate valve	No	2
4.1	50mm dia gate valve	No	4
4.2	50mm dia GI 90 degrees bend	No	9
4.3	50mm dia Union	No	2
4.4	50mm dia GI pipe	No	2
4.5	Service meter 25mm Ø complete with accessories	No	200
4.6	200mm Ø master meter complete with accessories	No	1
4.7	200mm Ø washout complete with accessories	No	3

4.8	200mm Ø air valve complete with accessories	No	2
	INFIELD SYSTEMS		
	UPVC straights		
4.9	25mm Ø PN 10 shared laterals	No	210
5.0	32mm Ø PN 16 shared laterals	No	610
5.1	20mm Ø PN 16 shared laterals	No	2,100

EMBU COUNTY

A) KAMARANDI IRRIGATION WATER PROJECT.

Item	Description	Unit	Qty
1.	UPVC Straights		
2.	160mm Ø Upvc pipe PN8	No	660
3.	90mm Ø Upvc pipe PN8	No	7400
4.	63mm Ø Upvc pipe PN8	No	4275
5.	Reducers.		
6.	160mm* 110mm Ø reducer	No	1
7.	110 * 90mm Ø reducer	No	1
8.	90 * 63mm Ø reducer	No	4
9.	63* 50mm Ø reducer	No	4
10.	Service meter 25mm Ø complete with accessories	No	206
11.	Infield Sytems(80*50m plots-206)		
12.	25/20mm dia Upvc/GI adaptor	No	412
13.	20mm dia GI elbow	No	824
14.	20mm dia GI straight threaded on both sides750mm long	No	412
15.	20mm dia GI nipple	No	824
16.	20mm dia gate valve	No	206
17.	20 * 20 mm dia. GI tee	No	206

18.	20mm dia. plug	No	206
19.	20mm dia. GI union	No	206
20.	Field hydrants (6 *206)		
21.	20/20mm dia Upvc /GI adaptor	No	2472
22.	20 * 20mm dia GI tee	No	2472
23.	20mm dia GI riser (0.75m long)	No	1236
24.	20mm dia. Equal tee	No	1236
25.	20mm dia. GI piece 0.1m long	No	2472
26.	20/20 mm dia. HDPE/ GI female adaptor	No	206
27.	20mm dia GI end caps	No	2472
28.	20mm dia. Upvc end cap/plug	No	206
29.	In-field supply pipeline (Buried)		
30.	20mm dia * 80m long upvc pipe per plot	No	5024
31.	25mm dia. Connecting upvc pipe	No	3768
32.	20mm dia. Upvc end cap	No	206

B) RUTUNE KARIMARI IRRIGATION WATER PROJECT.

Item	Description	Unit	Qty
	PIPPING AND FITTINGS		
1.	315mm dia upvc pipes PN6	No	117
2.	160mm dia upvc pipes PN 10	No	183
3.	Service meter 25mm Ø complete with accessories	No	400
4.	315 * 160mm dia. Reducer	No	1

5.	160mm dia sluice valve	No	2
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THARAKA-NITHI COUNTY.

A) KAMWANGU IRRIGATION WATER PROJECT

Item	Description	Unit	Qty
1.0	PIPPING & INTAKE	No	
1.	200mm Ø Upvc pipe PN8	No	120
2.	110mm Ø Upvc pipe PN8	No	350
3.	90mm Ø Upvc pipe PN8	No	930
4.	63mm dia UPVC pipes PN8	No	460
5.	200mm dia GI to UPVC VJ adaptor	No	2
6.	200mm dia 90 degrees UPVC bend	No	1
7.	32mm UPVC PN 8	No	100
8.	½” hose pipe 30m long	No	200
9.	200mm Ø master meter complete with accessories	No	1
10.	200mm * 32mm PVC saddle clamp	No	6
11.	½”mm gate valves	No	200
12.	63mm barrel nipple	No	3
13.	90mm threaded flanges	No	4
14.	90mm GI socket	No	20
15.	90mm dia GI pipes threaded C/A in rocky areas	No	10
16.	90mm gate valve		3
17.	25mm dia UPVC PN 10	No	1200
18.	½ “ meter stands	No	200
19.	63mm valve socket	No	3
20.	50mm * 32mm PVC saddle clamp	No	1
21.	32mm gate valve	No	4

22.	32mm barrel nipple	No	8
23.	90mm valve socket		6
24.	90mmdia UPVC PN 8	No	250
25.	75mm dia UPVC PN 8	No	234
26.	63mm dia UPVC PN 8	No	72
27.	50mm dia UPVC PN 10	No	446
28.	32mm dia UPVC PN 12.5	No	145
29.	Service meter 25mm Ø complete with accessories	No	200
30.	63m single orifice air valve	No	3
31.	63mm gate valve	No	3
32.	90 * 75 mm UPVC reducing socket	No	2
33.	75 * 63 mm UPVC reducing socket	No	2
34.	63 * 50mm UPVC reducing socket	No	3
35.	200 * 110mm UPVC reducing socket	No	1
36.	110 * 90mm UPVC reducing socket	No	1
37.	100mm sluice valve	No	1
38.	75mm gate valve	No	1
39.	50mm gate valve	No	1
40.	200 * 90mm UPVC tee	No	2
41.	90 * 63mm UPVC reducing socket	No	1
42.	50* 32mm UPVC reducing socket	No	2
43.	32m single air valve	No	1
44.	110mm * 90mm Tee	No	1
45.	20mm dia. HDPE pipes class 4	No	200
46.	20mm dia. HDPE saddle clamp with female thread	No	200
47.	20 * 20mm dia. male thread adaptor coupler	No	200
48.	25mm dia. Gate valve	No	200

49.	20 mm Ø GMS pipe 1m long threaded on both sides	No	200
50.	20 mm Ø elbow threaded both ends	No	200
51.	20mm dia. Gate valve	No	200
52.	20mm Ø Barrel nipple	No	200
53.	20 mm Ø valve socket	No	400
54.	20mm Ø male threaded adopter coupler with BSP taper threaded	No	200
55.	20mm Ø GMS 1.5m long pipe one end socketed, one end threaded.	No	200
56.	20 mm Ø 90 degrees GMS elbow threaded both ends	No	200
57.	20 mm Ø sprinkler of nozzle size 3.6mm * 2.1 bar complete with valve socket	No	200
58.	20 mm Ø Sprinkler Tripod stand 1m long	No	200

NYERI COUNTY

A) SIMBARA AMBONI IRRIGATION WATER PROJECT.

Item	Description	Unit	Qty
1.0	PIPPING & INTAKE		
1.1	200mm dia GI pipe medium grade, one end plain, one end inside intake box perforated with 20mm dia holes @ 200mm c/c pipe mouth capped with 14 gauge MS plate perforated with 14mm gauge MS plate perforated with same size of holes and aluminium coated.	No	1
1.2	100mm dia GI pipe, length 1.5m	No	2
1.3	100mm dia GI pipe, one end plain, one end flanged, length 1m	No	1
1.4	100mm dia VJ coupling	No	1
1.6	200mm dia sluice valve	No	1
1.9	200mm dia GI spigot flanged both sides	No	2
2.0	225mm dia upvc class C pipes PN10	No	335
2.1	160mm dia upvc class C pipes PN10	No	123
2.2	200mm dia G.I pipes medium grade	No	5
2.3	150mm dia G.I pipes medium grade	No	8
2.4	200mm * 50mm dia reducing tee	No	2
2.5	50mm dia gate valve	No	2
2.6	50mm dia hex. nipple	No	4

2.7	50mm dia union socket	No	1
2.8	50mm dia valve socket	No	2
2.9	50mm dia G.I pipe piece 0.3m long one end threaded, other end plain	No	1
3.0	50mm dia double orifice air valve	No	1
3.1	50mm dia plain socket	No	1
3.2	200mm dia valve sockets	No	2
3.3	Service meter 25mm Ø complete with accessories	No	930

B) SAGANA IRRIGATION WATER PROJECT.

Item	Description	Unit	Qty
1.0	Upvc pipes complete with rubber rings		
1.1	280mm dia PN10	No	4
1.2	225mm dia PN 10	No	312
1.3	225mm dia PN 12.5	No	14
1.4	225mm dia PN 16	No	40
	Upvc pipe fittings		
1.5	280 * 225mm reducer	No	1
1.6	280 * 250mm dia GI/ uPvc adaptors	No	2
1.7	225 * 200mm dia GI/ uPvc adaptors	No	12
1.8	GI Pipes for crossings		
1.9	River/stream and road crossing at chainages 0-6, 70-80, 366-375, 664-675 and 2102-2125 along the main line		
2.0	250mm dia G.I pipe	No	2
2.1	200mm dia G.I pipe	No	16
	Washouts		
	For 2 No W/O at chainage 75m amd 375 om 225mm dia pipe		
2.2	225mm * 75m dia G.I saddle clamps with a nipple to fit a gate valve double flanged GI pipe	No	2
2.3	75mm dia double flanged GI pipe (500mm)	No	2
2.4	75mm * 75mm level invert scour GI tee with flanged branch	No	2
2.5	75mm dia flanged gate valve	No	2
	2 No single /double air valves at chainage 725 and 1200		
2.7	225mm * 50mm dia G.I saddle clamps with a nipple to fit a valve –daouble flanged GI pipe	No	2
2.8	50mm drilled flange pipe piece to fit a DAV/SAV	No	2
2.9	50mm dia barrel Nipple	No	2

3.0	50mm dia gate valve	No	2
3.1	50mm dia double orifice gate valve	No	2
3.6	Service meter 25mm Ø complete with accessories	No	530

KIRINYAGA COUNTY

A) KABARATINI IRRIGATION WATER PROJECT.

Item	Description	Unit	Qty
1.0	PIPPING & INTAKE		
1.1	300mm dia GI class B pipe flanged both sides	No	1
1.2	100mm dia GI class B pipe flanged both sides	No	1
1.3	315mm dia sluice valve	No	1
1.4	100mm dia. sluice Valve	No	1
1.5	300mm dia drilled flange	No	1
1.6	100mm dia drilled flange	No	1
1.7	19mm dia *75mm long bolts, nuts and washers	No	80
1.8	Service meter 25mm Ø complete with accessories	No	346
1.9	350mm * 300mm Ø G.I spigot 700mm long with a welded drilled flanged and bell mouthed on one end	No	1
2.0	150mm * 100mm Ø G.I spigot 700mm long with a welded drilled flanged and bell mouthed on one end	No	1
2.1	300mm Ø G.I spigot 5m long with a welded flange both sides	No	1
2.3	100mm Ø G.I spigot 5m long with a welded flange both sides	No	1
2.4	300mm G.I Ø pipes flanged on both sides	No	5
2.5	315mm Ø Upvc pipes PN8	No	140
2.6	250mm Ø Upvc pipes PN8	No	95
2.7	19mm * 75mm long bolts, nuts, and washers	No	84
2.8	315 * 250mm Ø pvc reducer	No	1
2.9	300 * 315mm Ø flange adopter	No	5

B) KAKO KANGAI IRRIGATION WATER PROJECT

Item	Description	Unit	Qty
1.0	PIPPING AND FITTINGS		
1.1	250mm dia GI class B/C pipe flanged both sides	No	1
1.2	250mm dia. sluice valve	No	1
1.3	250mm drilled flange	No	1
1.5	19mm * 75mm long bolt and nuts	No	60
1.6	Upvc pipes 250mm dia class C PN8	No	100
1.7	250mm dia class G.I pipe flanged both sides	No	8
1.8	Upvc pipes 200mm dia class C PN 8	No	833
1.9	Upvc pipes 160mm dia class C PN 8	No	100
2.0	Upvc pipes 110mm dia class C PN 8	No	150
2.1	Upvc pipes 90mm dia class C PN 8	No	92
2.2	Upvc pipes 63mm dia class C PN 8	No	100
2.3	Upvc pipes 40mm dia class C PN 8	No	80
2.4	Upvc pipes 32mm dia class D PN 10	No	150
2.5	Upvc pipes 20mm dia class D PN 10	No	400
2.6	G.I pipes 200mm dia class b/c franged both ends	No	10
2.7	150 * 160mm dia flange adaptor	No	4
2.8	250 * 250mm dia flange adaptor	No	1
2.9	250 * 200mm dia pvc reducer	No	1
3.0	200 * 150 dia pvc reducer	No	1
3.1	250mm * 50mm saddle cramp	No	2
3.2	200mm * 25mm saddle cramp	No	2
3.3	50mm dia hex. Nipple	No	2
3.4	25mm dia hex. Nipple	No	4
3.5	50mm dia gate valve	No	2
3.6	25mm dia gate valve	No	2
3.7	25mm dia single air valve	No	2
3.8	63mm dia valve socket	No	2
3.9	150mm dia section valve	No	1
4.0	Service meter 25mm Ø complete with accessories	No	642

C) KUTUS MJINI IRRIGATION WATER PROJECT

Item	Description	Unit	Qty
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1.0	PIPING		
1.1	200mm dia GI class B/C pipe flanged both sides	No	24
1.2	Upvc pipes 200mm dia class C PN 8	No	850
1.3	Upvc pipes 160mm dia class D PN 10	No	115
1.4	Upvc pipes 90mm dia class D PN 10	No	625
1.5	Upvc pipes 63mm dia class C PN 10	No	180
1.6	Upvc pipes 40mm dia class D PN 10	No	300
1.7	Upvc pipes 20mm dia class D PN 10	No	612
1.8	Upvc pipes 32mm dia class D PN 10	No	318
1.9	Upvc pipes 15mm dia class D PN 10	No	1680
2.0	G.I pipes 150mm dia class b/c	No	18
2.1	200 *200mm dia flange adaptor	No	8
2.2	200mm * 50mm dia saddle clamp	No	2
2.3	200mm * 25mm dia saddle clamp	No	3
2.4	50mm dia hex. Nipple	No	4
2.5	25mm dia hex. Nipple	No	6
2.6	50mm dia gate valve	No	4
2.7	25mm dia gate valve	No	3
2.8	25mm dia single air valve	No	3
2.9	63mm dia valve socket	No	4
3.0	200mm dia sluice valve	No	1
3.1	Service meter 25mm Ø complete with accessories	No	293

D) KANYIKO IRRIGATION WATER PROJECT

Item	Description	Unit	Qty
1.0	Piping		
1.1	40mm dia upvc pipe class C	No	2000
1.2	32mm dia upvc class C	No	4260
1.3	1.0m long 13mm dia. G.I pipe threaded both sides	No	200

1.4	½” horse pipe 50m long	No	301
1.5	50mm * 25mm PVC Tee	No	225
1.8	25mm dia upvc pipe class C	No	3000
1.9	20mm dia upvc pipe class C	No	1500
2.6	110mm * 100mm saddle clamp	No	10
2.7	90mm * 25mm saddle clamp	No	10
2.8	25mm * 20mm dia upvc reducing socket	No	301
2.9	20mm dia gate valve	No	301
3.0	25mm dia valve socket	No	300
3.1	20 mm Ø sprinkler of nozzle size 3.6mm * 2.1 bar	No	201
3.2	200mm dia. Master meter complete with accessories	No	1
3.3	Service meter 25mm Ø complete with accessories	No	301

E) MUTUMA IRRIGATION WATER PROJECT

Item	Description	Unit	Qty
1.0	Pipping and Fittings	No	
1.1	110mm dia PVC class C	No	435
1.2	63mm dia PVC class 12.5	No	470
1.3	40mm dia PVC class D	No	530
1.4	100mm dia flanged GI pipe class B/C	No	12
1.5	50mm dia socketed GI pipe class B/C	No	4
1.6	100mm dia * 25mm Saddle clamp	No	6
1.7	50mm dia hexagonal nipple	No	8
1.8	25mm dia gate valve	No	8
1.9	50mm dia * 25mm dia Saddle clamp	No	1
2.0	25mm dia hexagonal nipple	No	10
2.1	50mm dia gate valve	No	7
2.2	63mm dia valve socket	No	10
2.3	25mm dia single air valve	No	6
2.4	100mm dia * 50mm dia * 40mm dia fabricated Y-tee flanged on 100mm dia	No	1
2.5	110mm dia * 100 flange adapter	No	8
2.6	75mm * 19mm long bolt and washers	No	160
2.7	100mm dia section valve (sluice valve)	No	2
2.8	40mm dia gate valve	No	1
2.9	100mm * 50mm saddle clamp	No	6
3.0	100mm dia. pressure reducing valves (PRV)	No	1