REGIONAL COMMUNICATIONS INFRASTRUCTURE PROGRAM
INVITATION FOR BIDS (IFB)

SUPPLY, INSTALLATION, COMMISSIONING AND MAINTENANCE OF AN AGRO-INPUT TRACEABILITY SYSTEM FOR THE GOVERNMENT OF UGANDA

1. This Invitation for Bids (IFB) follows the General Procurement Notice (GPN) for this project that appeared in UNDB online on **3rd July 2015.**

2. The *Government of Uganda represented by the National Information Technology Authority Uganda (NITA-U)* **has received a credit** from the **International Development Association** towards the cost of *the Regional Communications Infrastructure Program Phase 5 - Uganda*, and it intends to apply part of the proceeds of this **credit** to payments under the agreement(s) resulting from this IFB: **Supply, Installation, Commissioning and Maintenance of an Agro-Input Traceability System for Ministry of Agriculture, Animal Industry and Fisheries (MAAIF)**

3. NITA-U serves as the implementing agency for the project and now invites sealed bids from eligible Bidders for the **Supply, Installation, Commissioning and Maintenance of an Agro-Input Traceability System for Ministry of Agriculture, Animal Industry and Fisheries (MAAIF)**
   The scope of the Agro-Input Traceability System will be setup and configured as a unitary solution where different system modules shall be integrated as one seamless system and hosted in its totality within the government cloud infrastructure. The Agro-Input Traceability System shall be set-up with a staging, and production environments.

   (a) The bidder shall be expected to deliver on the following Agro-Input Traceability System modules:
   (i) Agro Chemicals Module;
   (ii) Seed Module;
   (iii) Phytosanitary module;
   (iv) Mobile App;
   (v) Dashboard and Reporting module

   (b) The Agro-Input Traceability System shall also integrate with:
   (i) E-payment gateway
   (ii) The Generic ePhyto National System (GeNS)
   (iii) SMS Gateway

4. The bidder shall provide a scalable and cost effective system; the intention is to have a monitoring system for agro-inputs at different points along the value chain, imports/ exports of plants and plant products.

5. Overall project duration should not exceed more than 12 months. The Agro-Input Traceability System should be operational in 9 months.

6. Major releases corresponding to the Agro-Input Traceability System are to be made in three months cycles or less. Bidders need to share an overall release plan for the entire release cycle with the stakeholders.

7. The implementation of the Agro-Input Traceability System components shall be completed using an incremental approach to demonstrate the value of the system as per predefined milestones and also act as a baseline as the project scales up.

8. It is therefore envisaged that the bidder shall begin with priority crops to demonstrate the full traceability of the system. These crops include; Coffee, Tea, Cotton and Maize.

9. Bidders are required to provide a turnkey solution during implementation. Any associated technology peripherals required for implementation at the field level should be mentioned by the bidder For e.g. Specifications for the following items may be provided by the bidder:
   (i) Specifications for tablet/mobiles required for registration on the field
   (ii) Desktops/printers for printing labels
   (iii) Handheld barcode scanners for capturing batch receipts and verification of QR Codes printed in Phyto-Sanitary Certificates or Barcodes printed in labels
   (iv) Pre-printed labels for use at the farm gate level

10. Bidders are required to follow an iterative and incremental approach with fixed-length iterations of not more than 3 months. This shall ensure that tangible progress is visible to the stakeholders at the end of each iteration, which enables fast feedback to project progress, good quality deliverables and a more business-focused project outcome. Accordingly, the bidder is expected to deliver the following:

    a) The Agro-Input Traceability System modules comprising of:
    a. Agro Chemicals Module;
    b. Seed Module;
    c. Phytosanitary module;
    d. Mobile App;
    e. Dashboard and Reporting module

    b) The bidder is also required to provide the following activities:
    (i) User Training;
    (ii) Change Management; and
    (iii) Support and Maintenance

11. Bidding will be conducted using the International Competitive Bidding (ICB) procedures specified in the World Bank's Guidelines: Procurement under IBRD Loans and IDA Credits, edition of *January 2011 revised July 2014*), and is open to all Bidders eligible as defined in these Guidelines that meet the following minimum qualification criteria:

12. The Bidder shall furnish documentary evidence that they meet the following requirements:

    a) Shall have developed and implemented at least two (2) traceability systems in the past 5 years.

    b) The Bidder shall submit a detailed description of the functional and technical features as well as architecture of the referenced traceability system and its complete functional scope, details of the of the relevant project references, Letters of Certification (from clients or certified auditors) and contact information (i.e. telephone and e-mail addresses) of client to support the claims of previous experience;

    c) Shall have at least 5 years of working experience with the public sector in ICT.

    d) Experience in creating dashboards for data analysis in the public sector

    e) Experience in developing mobile applications in the public sector

    f) shall have evidence of establishment of internationally recognized or home-grown quality process in software development for example CMMI (quality process should be submitted)

    g) Evidence of Certified ICT Service provider by the National Information Technology Authority. Foreign bidders should be certified by NITA-U [Certification process can be accessed on NITA-U website: www.nita.go.ug] or otherwise provide evidence of compliance with the following standard that form part of the certification: 1) ISO 20000 – IT Service Management".

    h) Must demonstrate average annual turnover of at least USD $2 million over the past three years, i.e. (2019, 2018 and 2017);

    i) Must provide a certificate of engagement and proof of availability of all the proposed staff for the project signed by the staff (Bidders will be required to use the sample form 3.5.6 and 3.5.6a provided under Section VII Sample Forms in the bidding document).

    j) Shall demonstrate local presence in Uganda to provide timely post implementation support, assimilate well with the different local cultures during implementation, and offer continuity after implementation. Foreign bidders are encouraged to partner with a local company in this regard.

13. A hard copy of the bidding document may be purchased by interested Bidders on submission of a written application to the address below and upon payment of a non-refundable fee of **UGX 180,000** or equivalent in any freely convertible currency. The method of payment will be *to: the NITA-U* **Electronic Funds Transfer (EFT):** 006550058000001, **customer name:** national information technology authority, Uganda (NITA-U), **account title:** NITA-U local revenue expenditure account, **bank name:** Bank of Uganda **swift code: UGBAUGKA**. The document will be picked by the potential bidder from the address given.

14. Interested eligible Bidders may obtain further information from *National Information Technology Authority – Uganda* and inspect the bidding documents at the address given below from *0800Hrs to 1600Hrs*. A pre-bid meeting which potential bidders may attend will be held on *8th May, 2020 at 11:00am.*

15. Bids must be delivered to the address below at or before *10:30Am on 24th June, 2020.* **Bids need to be secured by a Bid Security. The amount of Bid Security required is USD 16,000.** "The Bid Security shall be valid for Twenty Eight (28) days beyond the bid validity period, i.e. 208 days after the bids submission deadline". Late bids will be rejected. Bids will be opened in the presence of Bidders' representatives who choose to attend at the address below at *10:40 am on 24th June, 2020.*

16. The attention of prospective Bidders is drawn to (i) the fact that they will be required to certify in their bids that all software is either covered by a valid license or was produced by the Bidder and (ii) that violations are considered fraud, which can result in ineligibility to be awarded World Bank-financed contracts.

JAMES SAAKA
EXECUTIVE DIRECTOR