



Invitation for Bids (IFB)

UGANDA

REGIONAL COMMUNICATIONS INFRASTRUCTURE PROGRAM-UGANDA PROJECT (RCIP UGANDA)

Solar Photovoltaic (PV) Systems for 25 NBI phase I, II & III transmission sites

5635-UG

Supply, Installation and Commissioning of Solar Photovoltaic (PV) Systems

NITA-U/RCIP/SUPLS/17-18/6982

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 (NITA-U)* has received a *credit* from the *International Development Association* toward the cost of the *RCIP Uganda project*, and it intends to apply part of the proceeds of this *credit* to payments under the agreement(s) resulting from this IFB: *Supply, installation and commissioning of solar PV systems.*
3. The *National Information Technology Authority-Uganda (NITA-U)* serves as the implementing agency for the project and now invites sealed bids from eligible Bidders for *supply, installation and commissioning of solar PV systems for 25 NBI phase I, II & III transmission sites. The scope of work includes:*
 - i. *Provision of a project understanding summary (inception report) which includes an overview of the principal elements of the proposal, demonstration of an understanding of the project objectives, and a description of the approach.*
 - ii. *Provision of a detailed system schematic design layout for the systems which including PV model type and model no., year 1 production, wattage, number of modules, degradation percentage, inverter type and model, mounting system type, azimuth, tilt, system size AC and DC, monitoring facility to, diagnose, and track the solar energy output, any product or warranty enhancement being offered, and the impact on time demand-related charges on the NITA-U's utility bills and daily demand charges (peak demand and time tariff).*
 - iii. *Prepare and submit a complete project schedule indicating major project milestones and durations including a detailed test/acceptance plan.*
 - iv. *Install, test and commission the Solar PV Systems at the 25 NBI phase I, II & III transmission sites across the country.*
 - v. *Three (3) year complete system-level warranty and service contract for no-cost replacement of any defective system components from the commissioning date.*

- vi. *Provision of technical training to NITA-U selected staff on operation and maintenance of the solar PV system components.*

The solar PV system components shall comprise the following:

- i. *Integrated Energy Controller*
 - ii. *Solar Inverter*
 - iii. *PV Modules*
 - iv. *PV Module Support Structures*
 - v. *Solar Junction Box*
 - vi. *DC Distribution*
 - vii. *Operation Support System (OSS)*
 - viii. *All-DC Cooling Units*
4. 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:

Bidder Experience and Qualification

- i. *Must have completed five (5) successful contracts involving the design, supply, installation, and provision of technical support for Solar PV Systems of similar functional/technical characteristics and of a comparable scale, i.e., 3 - 7 kW system in at least ten (10) separate sites.*
 - ii. *Must submit details of relevant project references implemented, 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;*
 - iii. *Should have at least five (5) years of working experience implementing solar PV systems.*
 - iv. *Must demonstrate average annual turnover of twice the bid price for the past three years, i.e. (2014, 2015 and 2016 each year).*
 - v. *Must provide certification of engagement and 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).*
5. Interested eligible Bidders may obtain further information from *The National Information Technology Authority – Uganda (NITA-U)* and inspect the bidding documents at the address given below from *09:00Hrs to 16:00Hrs Kampala time*. A pre-bid meeting which potential bidders may attend will be held on **24th August 2017 at 11:00am**.
 6. A complete set of bidding documents may be purchased by interested Bidders on submission of a written application to the address below and upon payment of a nonrefundable fee of UGX 180,000 or equivalent in any other freely convertible currency.

The method of payment will be *to: the NITA-U Cashier or bank account number: 006550058000001, customer name: national information technology authority, Uganda (nita-u), account title: NITAU 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 in (8) below.

7. Bids must be delivered to the address below at or before **10:00Hrs, 14th September 2017**. ***Bids need to be secured by a Bid Security. The amount of Bid Security required is USD 15,000 or an equivalent amount in a freely convertible currency in the form of a Bank Guarantee.*** Late bids will be rejected. Bids will be opened in the presence of Bidders' representatives who choose to attend at the address below at **10:30Hrs, 14th September 2017**.
8. The attention of prospective Bidders is drawn to (i) the fact that they will be required to certify in their bids that all software and hardware 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.

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