

## **Invitation for Bids (IFB)**

**Issuing date of the IFB: June 11, 2018**  
**INTERNATIONAL COMPETITIVE BIDDING**

**The Republic of Ghana**  
**Ghana Commodity Exchange**  
**eTrading Project**

# **Supply, Installation, Testing and Commissioning of an Electronic Warehouse Receipting Solution with Central Depository, Trading, Clearing and Settlement for the Ghana Commodity Exchange Limited Company**

**IFB No. eTrading/GCX.0001(GR/GCX/TS/01/2018)**

- 1) The Ghana Commodity Exchange has received financial support from the Government of Ghana towards the establishment of a modern Commodity Exchange to Support the economy, and intends to apply part of the funds to cover eligible payments under the contract for the supply, installation, testing and commissioning of an Electronic Warehouse Receipting Solution supported by a Central Depository, a Trading Platform (with Matching Engine), and a Clearing and Settlement system for Ghana Commodity Exchange Limited Company.
- 2) The Ghana Commodity Exchange invites sealed bids from qualified and eligible bidders for the supply, installation, testing and commissioning of the following:
  - Electronic Warehouse Receipting Solution,
  - Central Depository
  - Risk Management
  - Trading System (with matching Engine)
  - Clearing and Settlement System
  - Market Surveillance
  - Market Data functionality
  - Membership module
  - Lookup and Settings (with configurable parameters)
  - Security and role-based user management

One (1) lot of the systems listed above is required and must be backed by one-year warranty of service.

**NOTES:**

- The bidder will also be required to provide functional and technical specifications of the hardware and networking infrastructure that will be required to support the software. The bidder will be required to support the installation and configuration of the hardware.
  - The bidder will be required to provide end-user and technical training to designated staff members of the Ghana Commodity Exchange and provide ongoing support and maintenance (with helpdesk) for a period of two-years. The bidder should be available within the support and maintenance period to provide refresher training on various aspects of the solution if required.
  - The bidder is required to deliver the solution within three months of contract award.
- 3) Bidding will be conducted using the International Competitive Bidding (ICB) procedures specified in the Public Procurement Act, 2003, (Act 663) as amended in the Guidelines of the Public Procurement Authority of the Republic of Ghana, and is open to all bidders eligible as defined in these guidelines that meet the following minimum qualification criteria.

**1. Experience**

- i) The bidder must have at least 5 years of experience in implementing and integrating online systems of a similar nature and complexity.
- ii) The bidder shall have successfully implemented at least one (1) contract (within the last five (5) years) for an Exchange, which includes Supply, Installation, Testing and Commissioning of an “Online Trading System”. The contract amount of each contract should not be less than four and a half million Ghana Cedis (GH¢ 4.5 million) or one million US Dollars (US\$1 million).
- iii) The lead bidder in a joint venture (J/V) should have experience in working for an Exchange similar to the Ghana Commodity Exchange in its system installation / operation / upgrading or supporting. The lead bidder should have undertaken this activity within the last 5 years.
- iv) If any international company coming as a joint venture, consortium, or association with a local company, the international company must have at least 5-years experience in Exchange software and solutions.
- v) The bidder should be original equipment manufacturer (OEM) of the software application or a licensed distributor (both in supply and technical support) of an OEM’s solution.

## **2. Technical Capacity**

- i) The bidder shall have experience in Software Installation/ Development/ Customization/ Configuration/ Integration with 3rd party application as per eTrading System requirements.
- ii) The bidder Shall have offices in Ghana or local partners, or should furnish an undertaking that in case of being selected and awarded the contract it will set-up an operational office for the eTrading project in Accra, Ghana before award of contract.
- iii) The bidder must possess strong software development methodologies in developing complex multi-threaded, scalable, net-centric applications.

## **3. Financial Capacity**

- i) The bidder will have to provide audited financial statements of the last three years along with the tender response to prove its financial capability. The minimum required annual volume of Software, hardware and/or related Services for the bidder should not be less than six million, seven hundred and fifty thousand Ghana Cedis (GH¢ 6.75 million) or one and a half million US Dollars (US\$1.5 million) on average for last 3 years.
  - ii) The minimum amount of liquid assets and/or credit facilities net of other contractual commitments of the Bidder should not be less than one million, six hundred and eighty thousand Ghana Cedis (GH¢ 1.68 million) or three hundred and seventy-five thousand US Dollars (US\$375,000). A Certificate to this effect will be required to be submitted.
  - iii) Each joint venture member or sub-contractor undertaking a significant portion of work under this contract (25% or greater of the estimated value of the contract) must be financially stable, with gross revenue base of at least six million, seven hundred and fifty thousand Ghana Cedis (GH¢ 6.75 million) or one and a half million US Dollars (US\$1.5 million) on average for last 3 years.
- 4) Interested eligible Bidders may obtain further information, and inspect the bidding documents at the address given below for purchase from 0800 hours to 1730 hours, Mondays to Fridays.
- 5) A complete set of bidding documents in English may be purchased by interested Bidders on submission of a written application to the address below and upon payment of a nonrefundable fee of five hundred Ghana Cedis (GH¢500.00) or one hundred and twenty US Dollars (US\$120.00). The method of payment will be cash or bank draft in the name of Ghana Commodity Exchange Limited Company. The document may be directly collected at the address given below or sent by courier upon specific written request and payment of an additional non-refundable amount for US\$100 for overseas delivery costs or GHS50 for local delivery costs by the bidder.

- 6) Bids must be delivered to the address below at or before: 15:00hours GMT on July 27, 2018. Electronic bids will not be permitted. Late bids will be rejected. Four copies of the bids should be submitted, one marked “Original” and the others marked “Copy”. These should be properly filled and enclosed in plain envelops.
- 7) All bids must be accompanied by an irrevocable Bid Security (from a reputable bank) valued at Ninety thousand Ghana Cedis (GH¢ 90,000.00) or an equivalent amount in any freely convertible currency and in the format provided in the Tendering Document.
- 8) Bids will be opened in public and in the presence of Bidders or their representatives who choose to attend at the address below at: 15:00hours GMT on July 27, 2018.
- 9) 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 Government of Ghana-financed contracts.

The address for Purchase of the Bids Documents referred to above is:

<b>Address for Purchase of Bid Documents</b>	<b>Address for Submission of Bid Documents</b>
The Technology Manager eTrading Project Room 11, 1 <sup>st</sup> Floor Ministry of Business Development Building, 1 <sup>st</sup> Floor Room 11, Ridge, Accra – Ghana	The Technology Manager eTrading Project Room 11, 1 <sup>st</sup> Floor Ministry of Business Development Building, 1 <sup>st</sup> Floor Room 11, Ridge, Accra – Ghana

All enquiries should be addressed to:

[procurements@gcx.com.gh](mailto:procurements@gcx.com.gh)

+233 302 937677