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**EXPRESSION OF INTEREST**

**Supply, Install, Customise, Integrate, Test, Commission and Support of a Business Intelligence and Analytics System (BIAS) for the National Financial Switch**

The Zambia Electronic Clearing House Limited (ZECHL), is a non-profit making entity registered under the Companies Act 1994, Chapter 388 of the Laws of Zambia. It is a private company limited by Shares. It was formed in 1999 and the current Shareholders are the Bank of Zambia and 18 Commercial Banks.

The Company was formed for the purpose of providing interbank clearing and switching services to Bank of Zambia, Commercial Banks and Financial Institutions.

The ZECHL operates the National Financial Switch (NFS) and the Cheque Truncation System (CTS), which are common/shared payment gateways that facilitate efficient and secure payment processing and interconnectivity between multi-payment institutions within the country. Supported streams on the platform include ATM, POS, EFT, CIC, and Mobile transactions all taking place across participant networks. All participant interfaces and messages on the NFS are based on the ISO 8583:1993 standard.

Extended to this service list is the role of performing daily industry net settlement reporting for each stream or participant and provide an approved clearing cycle.

The proposed BIAS should be able to comprehensively integrate with the National Financial Switch for purposes of providing for the enhanced reporting and data analytics needs of various payment players by seamlessly conducting complex data Extractions, Transformations and Loading (ETL) algorithms. The solution should also be able to support both Client and Business led BIAS models with the necessary security, validations, and controls.

The ZECHL now invites Expression of Interest (EOI) for **Supply, Install, Customise, Integrate, Test, Commission and Support of a Business Intelligence and Analytics System (BIAS)** from eligible and qualified firms which have substantial capability in providing services and have successfully carried out assignments in at least two similar solutions at national/regional/multinational level institutions.

The information and prospective solutions forwarded through this EOI is likely to form the basis for a formal procurement process for the Supply, Install, Customise, Integrate, Test, Commission and Support of a Business Intelligence and Analytics System (BIAS) for the National Financial Switch (NFS).

As part of responses to this EOI, all prospective bidders will be required to perform a presentation to the ZECHL team on your proposed solution covering the below:

1. Overall description of solution
   * Data management and system design
   * Data warehousing
   * Data analysis types
   * Platforms (hardware and software needs)
2. Proposed integration model
3. Application prototype
4. Security aspects of the system
   * User authentication
   * Data Encryption
5. Interoperability Process Flows
   * Business presented BIAS
   * Customer presented BIAS

However, while some technical features offered by firms may be included in the resulting Request for Proposal (RFP)/Bidding Documents, firms should not assume that they have an advantage in any resulting procurement.

Request for proposal/Bidding documents shall be issued only to those who have been short-listed through this EOI.

The interested firms may obtain further clarification and details by sending an email request to [zechl\_admin@zechl.co.zm](mailto:zechl_admin@zechl.co.zm) the following details:

Registered Name of the Company;

Registered Address of the Company;

Name, Designation and Contact Number of the person seeking clarification on the EOI.

Foreign firms are also encouraged to participate in this expression of interest and where possible, apply through a partnering local partner highlighting the following details;

* Name and Address of the firm with telephone numbers, website, and email.
* Company Profile.
* Relevant experience - Project References with details of the solution (Please attach brochures, description of similar assignments, etc).

The eligible and qualified firms should submit their EOIs via email mentioning “Supply, Install, Customise, Integrate, Test, Commission, and Support of a Business Intelligence and Analytics System (BIAS) for the National Financial Switch (NFS)” as the subject line.

**The deadline for submission of proposals is 25th November, 2022.** All submissions of the EOIs must be made to [zechl\_admin@zechl.co.zm](mailto:zechl_admin@zechl.co.zm?subject=Supply,%20Install,%20Customize,%20Integrate,%20Test,%20Commission%20and%20Support%20of%20a%20Business%20Intelligence%20and%20Analytics%20System%20(BIAS)%20for%20the%20National%20Financial%20Switch%20(NFS)) on this date by Midnight, Central African Time (CAT), (GMT +2).

**ISSUED ON Monday 14th NOVEMBER, 2022**