

# REQUESTS FOR PROPOSAL (RFP)

## PROPOSAL FOR MIGRATION OF ELIDZ SCADA SYSTEM UPGRADE

The **East London Industrial Development Zone SOC Ltd** is the operator of the East London Industrial Development Zone (ELIDZ), an entity which exists to help manufacturers to become globally competitive through the development and efficient management of a modern, purpose built industrial location, which offers investing industries a streamlined business environment enhanced by a range of supporting services. The zone is already operational and currently houses a number of manufacturers that supply products for the local and international markets.

### SCOPE OF WORK:

Tenders are being invited with suitably qualified and experienced service providers for TENDER FOR THE PROPOSAL FOR MIGRATION OF ELIDZ SCADA SYSTEM UPGRADE in the East London Industrial Development Zone, located at our facilities within the West Bank area of the Buffalo City Metropolitan Municipality.

The successful tenderer will be required to enter into an eight-month contract to carry out migration of the old system to the new system and ensure the new SCADA system the groupwise licensing is valid for 36 months for the provision for installation and support with the East London Industrial Development Zone SOC Ltd.

| Reference No.            | Description / Name                                   | CIDB Grading | Closing Date / Time    |
|--------------------------|--|--------------|------------------------|
| ES/22/SCADA/MIGRATION/01 | PROPOSAL FOR MIGRATION OF ELIDZ SCADA SYSTEM UPGRADE | 4EB/4EP      | 18 March 2022 at 12h00 |

The following is the summarized scope of work:

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#### 1.1 Assess Technological Options

The service provider shall be expected to consider and make proposal on the integration for SCADA upgrade with elements that shall include but not limited to the following:

- 1.1.1. Consider global best practice case studies of similar upgrades.
- 1.1.2. Consider options for replacing hardware and software in terms of implementation costs and technical feasibility.
- 1.1.3. Assess the energy consumption and general operation conditions and make decisions to optimize the energy and water usage at these points.
- 1.1.4. Provide meaningful system reporting that's aligned to the ELIDZ ICT and facility & maintenance requirements.
- 1.1.5. Ensure that the installed BECMS is properly hardened against malicious attacks in accordance to IEC62443.

#### 1.2 System migration

- 1.2.1 Assess the existing SCADA system to affirm the scope of works for the upgrade to the latest Adriot system using an on premise solution.
- 1.2.2 Perform a risk analysis of the migration of the SCADA system.
- 1.2.3 Devise detailed operational and implementation plan to ensure the BCEMS system transposition provide minimal disruption to the ELIDZ daily operations.
- 1.2.4 Procure the Adriot system with licenses registered on the ELIDZ company name.
- 1.2.5 Inform the ELIDZ representative of any outage requirements in advance where the outage is deemed necessary.
- 1.2.6 Evaluate the list of devices that are currently not on the SCADA to ensure its connected onto the new SCADA system.
- 1.2.7 The service provider is to ensure that the relevant building automation and control systems standards are adhered relevant to ISO, SANS and/or IEC standards.
- 1.2.8 The project shall result in reduction in the ELIDZ's energy usage and operational costs.

#### 1.3 Training and organizational handover

- 1.3.1 Develop system documentation that includes standards, technical manuals, technical procedure, repair documents and technical policies for the newly installed system.
- 1.3.1 Develop an ELIDZ standards guideline that will suit the ELIDZ operational needs for the BCEMS System.
- 1.3.2 Provide skills transfer during the system installation to the ELIDZ personnel's and subsequently when the system is completely installed. This includes the skills transfer for quick repair and operations.
- 1.3.3 Handover newly installed SCADA system with relevant O & M's for ELIDZ take over and integrate the ELIDZ directly via an independent service level agreement with the Adriot software service provider for backup support for the lifecycle of the system.

#### 1.4 Team and Organizational Capacity

- 1.4.1. Indicate the experience of the company, partners, or co-developers on Adriot system implementation. The information should have the clear description of similar project undertaken, year, and contact person details, name of the project, period and the project amount.

**NB: For evaluation purposes, the service providers shall list ONLY those projects which involved the installation Adriot system implementation.**

- 1.4.2. Provide a clear indication of the contactable references in similar projects which are not longer than 5 years.
- 1.4.3. Indicate also the experience of all the key people and/or partners in the project.
- 1.4.4. Provide a detailed description of all members of the proposed team. (Reference must be made to the qualifications, knowledge, skills, expertise, and experience of the members)
- 1.4.5. The service provider should demonstrate the ability to manage large scale programs and projects and possess skills and competencies in project evaluation and selection. Specific experience with offset projects and proof of credibility showing a proven history of large-scale procurement and sales of offsets is essential.

#### 1.5 Resource Management

- 1.5.1 The activities each member to be involved in may be indicated in the project program.
- 1.5.2. The estimated time the member will be involved in the relevant activities must also be indicated on the project program.

#### 1.6 Project Budget

- 1.6.1. The service provider shall clearly outline the total cost of the project in an itemized format. A high-level bill of quantities illustrating this costing breakdown minimum requirements is shown under section 1.2.2 of volume B. The bidder is encouraged to include more detail in the priced proposal submitted. The Service provider is to clearly show the procurement costs for all hardware and software with licenses coupled with his proposed markup fee on the hard and software installed. In addition, the service provider is to provide a lump sum integration fee for the duration of the project until it is handed over.

### BRIEFING MEETING

**Note: No Compulsory Briefing will be held.**

### BID CONDITIONS:

- Tenderers are required to submit a Valid SARS Tax Clearance Certificate with their tender, or the relevant SARS pin code which will allow the ELIDZ to confirm the tenderers tax status online.
- Tenderer must be registered on Central Supplier Database (CSD) from National Treasury and MAAA number must be provided.
- Tenderers should submit a Valid original or certified B-BBEE certification. Companies with annual turnover less than R10 million to submit an accountant or SARS letter confirming turnover.
- Tenderers to provide certified copy of Company Registration Certificate.
- Tenderers to provide Letter of Good Standing from Compensation Commissioner.
- Tenderers must submit technical and financial proposals in two separate envelopes clearly marked "Envelope A-Technical Proposal" and "Envelope B-Financial Proposal". Then the financial proposal will only be opened should the technical proposal be found to be acceptable.
- A non-signed "Form of Offer" in the financial proposal in the "Envelope B" submission will result in the disqualification of the tender.
- Inclusion of Price Offer and/ or any other price related details in "Envelope A-Technical Proposal" will result in the disqualification of the tender.
- The successful Tenderer will be required to have sufficient and competent staff available to commence full time operations in accordance with the contract with effect from the Commencement Date, failing which the contract will be awarded to the next most preferred Tender.
- Registration with the CIDB in the category **4EB/4EP** is compulsory for companies wishing to submit tenders.
- Supporting letter stating the integration process will adhere to the best global practice in accordance with System Governance (ISO 9001, 14001 and OHSAS 18001) compliance.
- Letter of support from OEM as authorized system integrator or agent for Adriot systems. Failure to provide the letter from the OEM will result in disqualification.

### EVALUATION:

The evaluation will be guided by the ELIDZ procurement policy. Points will be awarded on the basis of Price and BBBEE.

#### Score breakdown:

- 80 Points for Price
- 20 Points for BBBEE

All tenders with functionality less than 70% of the total functional requirements will not be considered for the next stage of tender evaluation.

### PROPOSAL DOCUMENT & SUBMISSION:

The RFP document will be available for download from **25 February 2022**, at [www.elidz.co.za](http://www.elidz.co.za) under **Opportunities >> Tenders**.

The tender must be submitted in in two separate envelopes clearly marked "Envelope A-Technical Proposal" and "Envelope B-Financial Proposal" with the name/address of submitting company and the tender reference number. They must be deposited in the tender box in ELIDZ Head office situated at Lower Chester Road, Sunnyridge, East London, 5214.

**ELIDZ will not be responsible for tenders placed in an incorrect tender box. The ELIDZ and ELIDZ representative will not be held responsible for the receipt of tenders via courier services and the like. No late tenders will be accepted. Only original tenders will be accepted. Telegraphic, telephonic, telex, facsimile and e-mail will not be accepted.**

### TENDER ENQUIRIES:

Queries relating to this tender may be addressed to: Ms Anathi Mzantsi, **T:** +27 43 702 8258 | **E:** [anathi@elidz.co.za](mailto:anathi@elidz.co.za)



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