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REQUEST FOR EXPRESSION OF INTEREST

HIRING OF EPC CONTRACTOR OR CONSORTIUM OF CONTRACTORS FOR THE REFURBISHMENT OF THE SONGO HVDC CONVERTER STATION AND REPLACEMENT OF THE 220 kV SUBSTATION (REABSUB BROWNFIELD PHASE 3 PROJECT)

HCB/DSA/EPC BROWNFIELD3/038/2020

Hidroeléctrica de Cahora Bassa, S.A. (HCB) operates the 2,075 MW Cahora Bassa HPP which provides hydroelectric power to Mozambique and to the Southern African Development Community (SADC). HCB is a private company with a majority state-owned capital participation and is intending to embark on the refurbishment of the Songo HVDC converter station and replacement of the 220 kV substation (the REABSUB BROWNFIELD 3 Project) on a single EPC package basis.

HCB intends to initially select Applicants for studies, design, manufacturing/supply, delivery, disassembling and removal of non-reused equipment, installation, testing, commissioning, provision of spare parts, placing into successful commercial operation, provision of drawings and operation and maintenance manuals, training, warranty on EPC basis for the REABSUB BROWNFIELD 3 Project.

Initial Selection will be conducted through procedures based on the World Bank's Procurement Guidelines and is open to all eligible Applicants as defined in the Initial Selection Documents. The eligibility criteria include those specified by HCB procurement regulations and the Mozambican legislation.

For this effect, companies interested in participating in this tender must meet the following minimum eligibility requirements:

1. Submission of the certificate of incorporation/registration and the correspondent business/operating license; to carry out the activity;
2. Submission of a Declaration stating that no insolvency and recovery proceedings are filed against the company;
3. Confirmation that the Applicant has non-performance history over the past 20 years;
4. Confirmation that the Applicant has no consistent history of litigations in the past 6 years;
5. Confirmation that the Applicant has no conflicts of interest;
6. **General experience** - In the Design, Manufacture, Supply and Installation contracts in the role of prime contractor or JV member, for at least the last 20 years starting 1st January 1999. The experience should be related to LCC HVDC technology for both new and rehabilitated or upgraded HVDC converter stations, including experience related to the design, supply, installation and commissioning of EHVAC GIS substation solutions.

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7. A minimum number of 3 similar contracts (supported by evidences) as specified below that have been satisfactorily and substantially completed as a prime contractor or joint venture member between 1st January 1999 and application submission deadline. Each of the contracts required above shall meet the following minimum key requirements:
- Refurbishment of an HVDC system while maintaining commercial operation of existing plant (as much as possible);
 - Contract value of at least USD 20 million equivalent;
8. **Specific HVDC Experience-** For the above and any other contracts completed as prime contractor or joint venture member between 1st January 1999 and application submission deadline, a minimum experience in the following activities, successfully completed and in operation at the application submission deadline:
- Design, supply and installation of 2 (two) major international LCC HVDC refurbishment projects (either one converter station or both converter stations).
 - Design, supply and installation of 4 (four) major international (outside of contractor's home country) LCC HVDC Bipole projects.
 - System studies, design, supply and installation of 1 (one) complete LCC HVDC Bipole systems integrated with remote generation and/or parallel ac transmission paths along with specialized control system to ensure dynamic stability.
 - Design, supply and installation of 2 (two) major LCC HVDC Bipole projects in Africa or Developing Economy (as defined by the United Nations WESP2019).
 - Upgrading only one end or one pole of an HVDC system and interfacing with another OEM's controls and protection
9. **Specific HVAC Experience** - A minimum 20 years' experience in the GIS industry. Additionally, a minimum number of 10 similar contracts specified below that have been satisfactorily and substantially completed as a prime contractor, joint venture member or subcontractor between 1st January 1999 and application submission deadline. Each of the contracts required above shall meet the following minimum key requirements:
- The Design, Supply, Installation and Commissioning of EHV (≥ 220 kV) AC GIS substation solutions, a minimum demonstrable experience of 10 such substations with a minimum of 20 bays per substation;
 - The Design, Supply, Installation and Commissioning of EHV (≥ 220 kV) cable projects, with a minimum demonstrable experience of 10 such projects greater than 1km's of cable and five circuits each;
 - At least 20% of the project references above should include both GIS and EHV cable;
 - Reference projects that have been installed and/or integrated in close proximity to

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existing operational EHV and/or HVDC Substations/Yards.

10. Demonstrate experience in managing environmental (asbestos, hazardous wastes, oil spills);
11. Health and safety; valid ISO 14001 and OHSAS 18001 (or ISO 45001) certification;
12. Applicant must declare any suspensions due to environmental or social non-performances in past 5 years.
13. Confirmation that the Applicant is not black-listed (Mozambique, AfDB, BAD, WB);
14. Confirmation that the Applicant has at least 60 million USD cash flow capacity additional to other ongoing projects;
15. Submission of unqualified Audited financial statements for the past 5 years, demonstrating soundness and long-term profitability;
16. Applicant shall demonstrate a minimum of 900 million USD turnover in plant design, manufacture, supply and installation of equipment for the past 5 years.

A complete set of Initial Selection documents may be obtained by interested Applicants on the submission of a written application to the address below. **The Initial Selection documents will be available from 18th August 2019 and will be sent by email.**

Due to COVID- 19 restrictions Applicants **shall** have the option of submitting their Applications electronically to the email bellow.

Email address: concurso-epc-brownfield3@hcb.co.mz

Address:

Hidroelétrica de Cahora Bassa, S.A.

Avenida do Trabalho 1132

Maputo-Mozambique

The submission deadline is **28th September 2020 by 3:00 pm. Late applications will be rejected.**

HCB, O ORGULHO DE MOÇAMBIQUE