

REQUEST FOR EXPRESSION OF INTEREST (EOI)

Country: Republic of South Africa

Sector: Energy

Employer: Eskom Holdings SOC Limited

Project No.: P177398

EOI No: MWP1550GX

Issued on: 12 August 2022

Name of Project

Eskom Just Energy Transition Project

Consultancy Services for:

Provision of Professional Engineering Services (Owner's Engineer) and Technical Assistance during the development and execution of the Just Energy Transition Project – Phase 1: Repurposing of Komati Coal Fired Power Plant with up to 100MW Solar PV, 150MW Battery Energy Storage System, 125MW Generator Conversion to Synchronous Condenser, and up to 70MW Wind Farm in the Republic of South Africa

Duration: 3 years

Eskom Holdings SOC Ltd has received grant funding which will be administered through the World Bank following World Bank processes and intends using this funding to finance consultancy services for the Provision of Professional Engineering Services (Owner's Engineer) and Technical Assistance during the development and execution of the Just Energy Transition Project – Phase 1: Repurposing of Komati Coal Fired Power Plant with up to 100MW Solar PV, 150MW Battery Energy Storage System (BESS), 125MW Generator Conversion to Synchronous Condenser, and up to 70MW Wind Farm in the Republic of South Africa

1. Background

Eskom Holdings SOC Ltd in the Republic of South Africa intends to engage an experienced consultant to carry out the Consultancy Services for the Provision of Professional Engineering Services (Owner's Engineer) and Technical Assistance during the development and execution of the Just Energy Transition Project – Phase 1: Repurposing of Komati Coal Fired Power Plant with up to 100MW Solar PV, 150MW Battery Energy Storage System, 125MW Generator Conversion to Synchronous Condenser, and up to 70MW Wind Farm in the Republic of South Africa

Project Service Description

Eskom ("Client") is inviting eligible consulting firms ("Consultants") to indicate their interest in providing the Services. The Services comprises all front-end engineering design including but not limited to the development of functional specifications, bidding documents and bids evaluations for the selection and appointment of the EPC Contractor, construction supervision and quality assurance during execution of the EPC Contract, and provision of training. The detailed Terms of Reference (ToRs) for the Repurposing and Repowering of Komati Coal Fired Power Plant with up to 100MW Solar PV, 150MW Battery Energy Storage System, 125MW Generator Conversion to Synchronous Condenser, and up to 70MW Wind Farm in the Republic of South Africa is attached as **Annexure A: Terms of Reference no. 285-169282**

The scope of services required for the Engineering Consultancy and Advisory Services includes but is not limited to:

1. Project Planning and Development Phase
2. Conceptual and Basic Designs (Front End Engineering Design) Phase
3. Detail Design during EPC Contract Phase
4. Construction, Commissioning, Testing, and Handover Phase
5. Performance Guarantee and Defects Period Phase
6. capacity Building/ Training

The total Scope of works is detailed in the attached **Annexure A: Terms of Reference no. 285-169282**

The Eskom now invites eligible consulting firms ("Consultants") to indicate their interest in providing the Services. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services.

2. Shortlisting Criteria:

- **Eligibility:** The consultant must submit copies of certificates of incorporation or registration of the consulting firm, company ownership (Directors and Shareholders) of the company.
- **Previous Assignments:**
 1. **In Solar Domain:** Previous experience as an Owner's Engineer (OE) or Lender's Engineer (LE) for cumulative capacity of 100 MW or more. Successful completion of at least one similar assignment of not less than 50 MW capacity which should have been completed and operational for at least one year.

2. **In Battery Storage Domain:** Owner's Engineer (OE) or Lender's Engineer (LE) can associate with other firms (if the lead firm doesn't meet the qualification criteria on its own). Minimum of 3 BESS Projects installed and operating of any size, of which 2 BESS projects should be of at least 50 MW. Experience in executing solar with storage projects will have preference.
3. **In Synchronous Condenser Conversions:** Previous experience as an Owner's Engineer (OE) or Lender's Engineer (LE) for the conversion of a Steam Turbo-Alternator with a capacity of at least 100MW or more, to operate as a synchronous condenser. One Project of not less than 100 MW capacity which should have been operational for at least one year.
4. **In Wind Domain:** Previous experience as an Owner's Engineer (OE) or Lender's Engineer (LE) for cumulative capacity of 50 MW or more. Successful completion of at least one similar assignment of not less than 50 MW capacity which should have been completed and operational for at least one year.
5. In addition to the above, the consulting/management firm's core business relevance and overall experience in the sector (new renewable power generation systems) and capabilities in terms of institutional strength, institutional quality management systems, good track records and references are some of the aspects considered as general suitability indicators for shortlisting. Consultants may associate with other firms in the form of a joint venture or a sub-consultancy to enhance their qualifications.

Consulting firms are encouraged to associate with local South African consulting firms. Associations may take the form of either a joint venture (whereby firms will be severally and jointly liable for the assignment and in which case all joint venture partners are required to demonstrate competence in the core areas of the assignment) or sub consultancy (where a firm possess competence in core areas of the assignment and sub-contracts' part(s) of the assignment to another firm(s).

- **Availability of appropriate skills among staff related to the assignment:** The consultant shall demonstrate having Manpower with qualifications, technical and professional competence necessary for successful implementation of the assignment (no need to provide CVs).

3. Scope of Services:

The Consultant will carry out services detailed in section 1 for a continuous period of 3 years accommodating the DS&I defect liability period. The Terms of Reference (ToR) are available attached as **Annexure A: Terms of Reference no. 285-169282**

Submission of EOI

- (i). Interested parties are required to submit the Expressions of Interest to the physical address below. The submissions can be in hard copy as one (1) original and three (3) copies and one memory stick of the Expression of Interest document. Hard copy submissions are to be in a sealed envelope clearly marked "**Expression of Interest for Provision of Professional Engineering Services (Owner's Engineer) and Technical Assistance during the development and execution of the Just Energy Transition Project – Phase 1: Repurposing of Komati Coal Fired Power Plant with up**

to 100MW Solar PV, 150MW Battery Energy Storage System, 125MW Generator Conversion to Synchronous Condenser, and up to 70MW Wind Farm in the Republic of South Africa

ESKOM HOLDING SOC LIMITED
Megawatt Park, Tender Offices
1 Maxwell Drive, Sunninghill, Sandton, 2191, South Africa

Attention: Keamogetswe Maupa
Telephone Number: +27 11 800 6275

Expression of interest documents are to be submitted to the above address on or before **10: 00AM South African Standard Time (SAST) i.e. GMT+2 hours on Thursday, 01 September 2022. Late submissions and EOIs not in English will not be accepted.**

4. Selection Criteria

Shortlisting of the Consulting firms will be carried out according to the World Bank Procurement Regulations for IPF Borrowers (Regulations), revised November 2020.

The attention of interested Consultants is drawn to paragraph 3.14 of the Procurement Regulations. A consultancy firm will be selected in accordance with the Quality and Cost Based Selection (QCBS) method.

Interested Consulting firms may obtain further information from Keamogetswe Maupa via email address Maupakb@eskom.co.za during working hours (i.e. 0900hrs to 1230hrs and 1400hrs to 1600hrs) South African local time, Mondays to Fridays inclusive, except on Public Holidays. Eskom Holdings SOC Ltd reserves the right to accept or reject any or all applications, or to cancel the entire proceedings without giving any reasons whatsoever.