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RFI CLARIFICATION NOTICE

PRIVATE AND CONFIDENTIAL

RFI Number:	OMMP-RWE-GNR-RFI-0001
Request for Information Description:	Renewable Energy Solution for Northern and Eastern Limbs for new and existing pump stations
Date:	19 July 2023
Notice number:	0001

Dear Applicant

This document serves to clarify uncertainties or to address questions and queries raised by prospective applicants.

The addendum will be issued to all Applicants who indicated their intent to submit a response to the RFI, and will be published on the *Employer's* website: [Tender Information - Lebalelo Water User Association L W U A](#)

Each Applicant is required to acknowledge receipt of this Notice and include the acknowledgement of receipt with their submissions.

Any further queries must be directed by e-mail to renewable@lebalelo.co.za. All questions and queries will be circulated to all known applicants and published on the website as and when clarification is required.

Yours faithfully

Tiaan Burger
Project Manager



FORM OF RECEIPT OF RFI CLARIFICATION NOTICE 0001

We acknowledge receipt of Notice 0001 to the abovementioned RFI and accept that it forms part of the RFI documents.

We confirm that:

- We noted the contents of this notice
- We fully considered the contents of the notice
- The contents of the notice will be incorporated into our submission for this RFI.

Signature

Name

Capacity

Date

Name & Address of
Applicant

Telephone Number

E-mail Address



RFI CLARIFICATION NOTICE 0001

1. Guarantees – repayment terms

A clarification was submitted in respect of the implementation option B - EPC with commissioning support and funding. The query requested that details of the forms of guarantees with respect to the repayment terms to be provided.

For purposes of this Request for Information, a letter or undertaking from prospective funders recording their willingness to fund an Applicant's proposed solution (subject to a final contract being awarded), will suffice. Applicants who propose an EPC and funding solution must therefore include proof of possible funding in the form of an undertaking with their submissions, such as a signed statement/letter stating the funder's willingness to fund the project conditionally for this stage of submissions.

2. Pump voltages & pump sizes

The pump voltages and pump size is 11kV for the following sites:

- Doornfontein
- Malgas
- Flag Boshielo

The voltage of the pumps is 550V at the following sites:

- Borwa
- Havercroft

More detail regarding the pump sizes and voltages will be included in the RFP stage.

3. Load Consumption

A request for detail in respect of the Association's historical load consumption and/or forecasted consumption was submitted.

The Association does not have load consumption data for the old pump stations, only historical ESKOM bills for the past 12 months. An example of the Havercroft pump station data is attached. The Association will share more data and detail regarding past load consumption during the RFP process.

The forecasted load consumption and load ramp-up for the 3 new pump stations are given as a function of water pumping in the RFI. Applicants may take the efficiency of the motors and pumps at 2:1, i.e. 2kWh to pump 1 kl/h of water. Once we reach the peak of the pumping curves, this number drops to 1.3:1.

4. Flexibility from Consumption Site

The request referred to clarification whether there is any flexibility from the consumption site, especially for the pump sites.

The Association confirms that all the pump stations have suction ponds, and they deliver to large storage dams with at least 48 hours of storage capacity, based on its 2040 demand predictions. Pump stations were sized to



pump full capacity for 6 hours a day at any time. It is anticipated that the pumps will run for longer pumping regimes only after 2040, as indicated in the RFI.

5. Submissions for all three options

The Association confirms that it is not necessary for an Applicant to submit a proposal in respect of all three options. Each Applicant may submit a proposal for as many of the options as the Applicant chooses.

6. The Appointment of One Contract for all projects

Considering the wrapped responsibility that could be achieved, the Association would prefer to appoint only one Contractor for all projects, but the sites are so diverse and spread out over the Limpopo province that the Association is open to appointing different Contractors at different times for each separate project.

Should the Association elect the EPC implementation option, the Association will just standardize on our OEM's for inverters, batteries, PV panels and other critical electrical equipment.

7. Submission evaluation criteria

Applicants are reminded that the purpose of this RFI is to shortlist potential bidders, in no particular order. The shortlisted bidders for the elected execution option will be granted the opportunity to submit their formal and detailed proposals during the RFP process.

8. Election of execution option

In determining whether the Association will proceed with an IPP approach in the Northern Limb, compared to an EPC approach, the Association has to consider many factors. One of the contributing factors is that one of our main members, the DWS, prefers utilising the IPP option.

9. Level of detail required for RFI Submission

The site for the installation of the elected renewable energy has not been finalised yet. The layouts and sizes indicated in the .KMZ files are just indicative for the RFI process. The layouts and sizes of the sites will be specified by the Engineering team of the EPC or IPP during the RFP process. The position and shapes can change given the environmental conditions, specialist studies, basic assessment, and land availability in the area. We are currently doing this in-house to save time.

Applicants are not required to submit detailed technical designs and pricing (a significant amount of work) at this RFI stage, with the intention is to shortlist bidders, but rather to rely on the bidders' experience and proposed approach. The breakdown of the pricing structure can be very high level and based on a range or R/W installed figures achieved in the last couple of projects executed by Applicants. The Association will not keep the Applicants to these figures for the RFP. It is reiterated that the shortlisted bidders will have the opportunity to submit detailed priced bids for purposes of contract award in the RFP process.



10. Timeframes

The Association notes the concern regarding the timelines to FC / FID, and that these may not have taken the developmental work in respect of permitting and design into the account. The Association confirms that it is busy with its own in-house basic assessment process (as could be seen from the data given in the RFI). The Association aims to finish this process before Financial Investment Decision (FID) in November 2023, but at the latest before we break ground (shovel ready) in March 2024.

A more detailed timeline of the RFP process will be communicated to the shortlisted bidders, to ensure that the Association has power supplied to all three its pump stations in the Northern Limb in early 2026.

11. PPA Terms & Security

The Association will provide its own proposed PPA terms during the RFP stage. For the RFI stage, however, the bidders may propose a short term-sheet based on their experience and preferences.

The Association comprises of several members. 50% of the Association's membership is held by the Department of Water and Sanitation. The other 50% is constituted by the commercial members, including Anglo American Platinum, Samancor, Implats, African Rainbow Minerals and others as listed on the Association's website.

The Association, through its members, therefore has ample security it can offer under the PPA arrangement for the payment and upon termination.

12. Local spend

The Applicants must submit with their submission a proposed plan for local spending with regards to material, sub-contractors, labour ,etc. Local spend should differentiate between the Limpopo province and South Africa.