



Invitation for Bids

Date:	23 December 2021
Grant Nos. and Title:	G0640/G0641/G0642-TON Renewable Energy Project
Contract No. and Title:	TREP-13, Generation and Distribution Management System, under Tonga Renewable Energy Project Lot 1: Supply of Generation and Distribution Management System (GDMS) Lot 2: Supply of GDMS Communication Network
Deadline for Submission of Bids:	Extended to 13 April 2022, 14:00 hours (Tonga time)

1. The **Kingdom of Tonga** and **Ministry of Meteorology, Energy, Information, Disaster Management, Environment, Climate Change and Communications** has received financing from the Asian Development Bank (ADB), and Green Climate Fund (GCF) toward the cost of the **Tonga Renewable Energy Project**. Part of this financing will be used for payments under the contract named above. Procurement rules and procedures of ADB will govern the bidding process. Bidding is open to Bidders from eligible source countries as advertised in the Bidding Documents.

2. **Tonga Power Limited** (“the Employer”) invites sealed bids from eligible Bidders for the design, construction, installation and integration of a Generation and Distribution Management System including communications network upgrades (“the Facilities”).

3. To manage the generation mix comprising some 20 sources of diesel gensets, solar and wind farms and commercial battery storage systems, Tonga Power Limited requires a Generation and Distribution Management System (GDMS). The GDMS supplied by the contractor will provide base Supervisory Control and Data Acquisition (SCADA) functionality and provide an AGC for system control and a forward-looking unit commitment program for optimizing the dispatch and curtailment of generation. The GDMS will also have the capacity to add Outer Inland SCADA functions and provide for the addition of Advanced Distribution Management Systems.

4. **International competitive bidding** will be conducted in accordance with ADB’s [Single-Stage: One-Envelope](#) SBD-Plant procedure and is open to all Bidders from eligible countries as described in the Bidding Documents.

5. To obtain further information and electronic version of the bidding documents, Bidders should contact via email:

Attention: Entura TREP team
Electronic mail address: Leesa.deGroot@entura.com.au
with cc to: David.skinner@entura.com.au

6. To obtain the Bidding Documents, in English, prospective bidders should download the Bidding (Tender) Documents from the Tenderlink portal:

<https://portal.tenderlink.com/tongapower/login?ReturnURL=%2Ftongapower>. Any potential tenderer wishing to download the Tender Documents must first register on the portal. Any addenda to the Tender Documents (revisions and the like) will be uploaded on the Tenderlink portal <https://portal.tenderlink.com/tongapower/login?ReturnURL=%2Ftongapower> and all suppliers that have downloaded the documents will receive an email notification in regards to the addenda. Any questions or inquiries pertaining to the tender should be directed via the online forum on the Tenderlink portal:

<https://portal.tenderlink.com/tongapower/login?ReturnURL=%2Ftongapower>.

7. *Due to COVID-19 related travel restrictions, pre-bid meeting will be held by Videoconference.*

Date: 16 March 2022

Time: 2pm (local time - Tonga)

All registered bidders will be provided the video-conferencing link to access and join the pre-bid meeting seven days in advance. Attendance is not mandatory but highly recommended.

Non-Attendance will not be cause for disqualification.

8. Deliver your bid:

- by uploading the scanned signed copy of the Bid on TenderLink's Electronic Tender Box by the deadline stated below;

- **on or before the deadline: on or before 13 April 2022, 2:00 pm (Tonga Time).**

- together with Bid Security Declaration in a form specified in the Bidding Document. Please include a photocopy and postage evidence in your electronic documentation that the Bid Security has been forwarded to Tonga Power Limited. This will prove that you have issued the correct Bid Security for assessment. The hard copy can be received after the date of the bid submission providing evidence has been received that the postage date is before the bid due date. Bidders will receive a Successful Submission Receipt timed and dated upon completion. If you require assistance with your e-tendering portal please contact TenderLink support help desk on email support@tenderlink.com. No hard copies required because the Bid shall be submitted electronically through e-tender portal Tenderlink. Bids will be opened immediately after the deadline for bid submission in the presence of the Bidders' representatives who choose to attend. Late bids will be rejected.

9. Price Bids from those Bidders who are assessed as substantively technically conforming will be opened at a time and date to be advised to those Bidders via email. Price Bids from Bidders whose Technical Bids are assessed as being not substantively conforming will not be opened.

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Tonga Power Limited