

**MINISTRY OF ENERGY & PUBLIC UTILITIES
WATER RESOURCES UNIT**

Procurement Reference No: MEPU/OAB/16/17-18

Consultancy Services

Dam Break Analysis of Mare aux Vacoas, Midlands Dam, La Ferme, Mare Longue & Piton du Milieu Reservoirs in the Republic of Mauritius.

Notes of Pre-Bid Meeting

Notes of the Pre-Bid meeting held at Water Resources Unit, Conference Room (Level 3) on **Friday 23 February 2018 at 09.30 hrs.**

Present

Water Resources Unit

Mr. L. Juggoo	-	Director (Chairman)
Mr. D. Jahajeeah	-	Deputy Director
Mr. A. Gungah	-	Lead Engineer
Mr. M. Cullychurn	-	Engineer/Senior Engineer
Mr. V. Mootoosamy	-	Engineer/Senior Engineer
Mr. G. Ghoorun	-	Technical Officer
Mr. S. Dirpal	-	Trainee Engineer

Henan Water & Power Engineering Consulting Co. Ltd. (HWPC)

Liu Dahai	-	Engineer
Dauhajee Sharon	-	Engineer

Desai Associates Ltd

G. P. Bobeechurn	-	Engineer
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Artelia Eau et Environnement represented by GiBB (Mauritius)

Sachin Oogarah	-	Senior Engineer
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SETEC Hydratec

Armand Collet	-	Engineer
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One Arup & Partners International Ltd (UK) represented by Arup SIGMA Ltd

Dominic Wade	-	Associate
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Studio Pietrangeli

Mileo Terese	-	Hydraulic Engineer
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1.0 Welcome Address

The Chairman welcomed the representatives of all Consulting firms for this pre-bid meeting/site visit. He informed that the previous exercise was annulled and this present exercise is a new one.

A PowerPoint presentation was made to provide a general overview on the following:

- salient features of each dam,
- tentative implementation schedule,
- scope of the services in 4 main phases,
- schedule of deliverables,
- expert requirements,
- profile of experts,
- fee structure.

It was highlighted that the Consultants must abide fully to the requirements in the Technical & Financial forms (paragraph 3.4 & 3.6 of the Instructions to Consultants – Section 2). Key dates and bid submission deadline were also highlighted. Also Consultants were informed that the Firm will be automatically disqualified if the Team Leader –Senior Expert do not meet the specified minimum requirements.

For Technical Evaluation, it was highlighted that Proposal will be considered for further evaluation if Technical Proposal Scores are $\geq 50\%$ in criteria (ii) and (iii) of Section 5.2 of the Data Sheet and the Technical Score (St) shall be of ≥ 70 points. The best Evaluated Proposal shall be the firm achieving the highest combined technical and financial score.

The Chairman further advised prospective bidders to submit details such as their involvement in past projects, their methodology, resources & personnel to be deployed in their proposals.

2.0 Issues raised during meeting

Some issues were raised by prospective bidders and the WRU clarified as follows:

- Bidder enquired about Section 2 (Page 28) Clause 3.4 (a) (i) and Section 5 Clause 4.0 (page 78) which indicate different number of '*similar years of experience*' namely 12 & 10 years respectively.

The Chairman replied that same will be clarified and an Addendum will be issued shortly.

- The prospective bidders enquired about the extent and use of Light Detection and Ranging Method (Section 5 – Page 77)

It was stated that the low resolution models (1D & 2D) could be worked out from LAVIMS aerial imagery digital maps together with the Digital Elevation Model (DEM) data in ASCII format available for the whole of the Republic of Mauritius carried out by Infoterra for the Ministry of Housing and Lands. (A

copy of same will be made available to the successful Consultant for the Study). The 10 m DEM data can be used to generate contours at 2m. The Consultant is to estimate the extent of the LIDAR survey based on the amount of green area or canopy area (mostly in river valleys) where accurate levels cannot be acquired by other means. The targeted accuracy with regards to levels is 50 cm or lower.

- Bidders requested to know whether the Client owns the program software for the Dam Break Analysis Model for the training (Page 83 – Section 5) or the Consultant should propose a suitable software?

The Client does not have any software for flood routing hydraulic model. The Consultant can propose a licensed software to be used for the modelling. The cost of the software and relevant training for the client's personnel is to be included as an option in the proposal. The flood routing/modelling software together with the whole analysis will have to be handed over to the Client after the study. However, same will not be considered during the evaluation process.

- Bidders enquired whether the provisional sum of MUR8.0 Million for the purchase of rainfall data should be included in the financial offer.

It was clarified that the provisional sum of MUR8.0 million shall be available when required for purchase of meteorological data/rainfall data save for hydrological data, which can be made available to the Consultant. The provisional sum must not be included in the financial offer. It was also highlighted to the prospective bidders that some data are available in soft format whereas some are in hard copies. The cost for processing of these data will be to the account of the Consultants.

The Chairman further informed that there could be some amendments to the bidding document and advised prospective Bidders to regularly verify any updates on the public procurement portal on the following link: publicprocurement.govmu.org.

The Chairman reiterated that all request for clarifications should be in writing and received at the Water Resources Unit not later than 21 days before the submission date (i.e. 05 March 2018).

3.0 Site Visit

The pre-bid meeting ended at 10 30 hours and was followed by a site visit as planned in the RFP documents.

Water Resources Unit
15 March 2018