

UTHUKELA WATER
DAM SAFETY REPORTS
OPS2023-HH-030

TERMS OF REFERENCE & REQUEST FOR QUOTATIONS

1. Introduction:

uThukela Water requests the services of an approved Dam Safety Inspector to provide Dam Safety studies and conduct investigations on Upper and Lower Mpathi Dams and Preston Pan in the KZN Province, Dundee.

2. Background:

The services of an approved professional person (APP) required to execute compulsory dam safety inspections and compile the necessary inspection reports for submission to Department of Water and Sanitation (DWS) for 2 (two) category II dams and 1 (one) category 3 dam under the responsibility of uThukela Water (Pty) Ltd.

3. Scope of Work

In accordance with the Dam Safety Legislation of the National Water Act (Chapter 12 of the National Water Act, Act 36 of 1998; read with in conjunction with the dam safety regulations published in Government Notice R.139 of 24 February 2012), dam safety inspections are required for Category II dams, after which dam safety evaluations reports have to be compiled.

The scope of work for this quotation includes Dam Safety inspections and the submission of Dam Safety reports in terms of Section 118(3)(b) of the National water Act for the following 3 (three) Category dams situated closely around Dundee Town in Kwa-Zulu Natal.

Information to be submitted:

1. Conduct dam safety inspections and compile reports.
 - Review the hydraulic integrity of the dam and spillways
2. Operation and maintenance: An operation and maintenance manual together with an emergency preparedness plan (contingency plan).
 - List the general maintenance and in-house activities the Bulk Supplier can perform.
3. Cleaning of wall to facilitate proper investigation (basic clear and grub).
4. Correspondence and liaising with local community and all departments.
5. Cost estimates for all betterment work or alterations forthcoming from investigation must be given.
6. All data shall be submitted in editable electronic format.
7. The reports must be approved by the Dam Safety Office of the Department of Water and Sanitation.

Listed Dams:

- *Upper Mpathiu Dam, category 3 dam (Dundee)*
- *Lower Mpathi Dam, category 2 dam (Dundee)*
- *Preston Pan, category 2 dam (Glencoe)*

The successful tenderer/ bidder and his professional team, must adhere to the Health and Safety specifications associated with Construction Regulations (2014) at all times, during site inspections and activities.

4. Available information and resources:

- Previous dam safety inspection reports
- Reports on betterment works done during different stages of their lifetimes.

5. Deliverables:

- Dam safety reports.(in report format)
- Operation and maintenance manual.
- Emergency preparedness plan.
- Survey of settlement beacons on crest
- Cost estimates.
- Electronic Data

6. Scheduling:

Within two weeks after the issue of an order a preliminary plan with schedules for the implementation of the above should be submitted for discussion with the Department. Implementation should start within one week after approval and instruction to proceed with the schedule.

7. Eligibility of the Tendering Entity:

IN TERMS OF SECTION 118(3) (B) OF THE NATIONAL WATER ACT, 1998(ACT 36 OF 1998), READ WITH THE REGULATIONS PUBLISHED IN GOVERNMENT NOTES R.1560 OF 25 JULY 1986

In terms of section 163(4) of the National Water Act, 1998, the Regulations published in Government Notice R.1560 of 25 July 1986 are in force. Only an **Approved Professional Person** can do the inspections and reports and depending on the Category of the dam an APP and Professional Team is required, in that regard the tenderer must submit proof of the eligibility of the proposed APP.

Previous knowledge of the dams will be an advantage.

- Submit proof of prior similar work experience and years work experience.
- Submit proof of registration with DWS as an Approved appointed Dam Safety professional.

(The civil engineering staff allocated to this service by the vendor, must be registered as a civil engineering professional, qualified and registered to perform dam safety inspections as per the Department of Water and Sanitation National legislation. Please attach proof)

8. Quotation Structure:

Please provide a price quotation to conduct Dam safety inspections and the compilation of Dam Safety evaluation reports and advise / discuss the refurbishment and/or maintenance of the local dams with the Bulk Supplier, before submission of the Dam Safety evaluation reports to DWS as per legislative requirements.

Include in quotation the start and end date and expected date for finalisation of Dam Safety Reports.

Price Tendered:

- Tendered price must be submitted as per scope of work.
- Indicate time frame: Earliest date of commencement
Estimated completion date
- Submit professional registration of Human resources that will be used to conduct the study and statement of competency.

For technical queries, please contact.

Mrs. H Hickley, Telephone number: 034 3285000

Facsimile number: 034 3285096

E-mail address: hannelie.hickley@uthukelawater.co.za

The service provider are required to submit the following documents for their speciality as per the above description.

1. Quotation
2. MBD 4 attached.
3. MBD 9 attached.
4. CSD Summary reports
5. Tax clearance certificate.
6. Company registration Certificate
7. BBBEE Certificate

- Bids will be adjudicated in terms of the Preferential Procurement Regulation, 2022 pertaining to Preferential Procurement Policy Framework Act, 5/2000, UTW SCM Policy and other applicable legislations, and will be based on 80/20 points system. Preference points will be awarded to service providers using their B-BBEE status level of contribution.
- The municipal Entity reserves a right to accept all, some or none of the bids submitted, either wholly or in part and is not obliged to accept the lowest bid.
- National Treasury General Conditions of the contracts are applicable.

All the above documents must be submitted via email to quotes@uthukelawater.co.za for attention of SCM Manager no later than **14th March 2023**.

Email subject “OPS2023-HH-030”