



REQUEST FOR EXPRESSIONS OF INTEREST

SHORT TERM TECHNICAL ASSISTANCE TO CONDUCT A HYDROLOGICAL STUDY OF THE MASON RIVER PROTECTED AREA (ST. ANN AND CLARENDON, JAMAICA)

CONTRACT DESCRIPTION

The Contractor is expected to prepare a detailed hydrological study of the **Mason River Protected Area (MRPA)**, St. Ann and Clarendon, particularly the fenced **Reserve** that encloses several water bodies and the other surface water that may be outside the protected area but impact the health of the protected area. The study should include a description of hydrological features e.g. stream flows, evapotranspiration, and erosional (sedimentation) data, as well as provide information on extreme events and climate impacts and possible forecasts in the context of climate change. Historical data should be used in the predictions. The report should also include the relevant GIS maps and shapefiles for GIS maps.

The contract manager will be the Director of the European Union Unit, External Cooperation Management Division, Planning Institute of Jamaica (PIOJ) working in very close collaboration with the Sustainable Development and Regional Planning Division (PIOJ), as well as the National Environment and Planning Agency (implementing partner).

SPECIFIC WORK

- To prepare a detailed hydrological study of the **MRPA**, particularly the fenced **Reserve** that encloses several water bodies and the other surface water that may be outside the protected area but impact the health of the protected area. The study should include a description of hydrological features e.g. stream flows, evapotranspiration, and erosional (sedimentation) data, as well as provide information on extreme events and climate impacts and possible forecasts in the context of climate change. Historical data should be used in the predictions. The report should include the relevant GIS maps and shapefiles for GIS maps.
- To highlight the impacts of agricultural activities and that of residential dwellings on the surrounding wetland ecosystem.
- To prepare a report and plan for the management of the water resources and hydrological features of the MRPA, particularly in the Water Protection Sub-Zone.
- To collect voucher specimens of flora and fauna for Natural History Museum Jamaica (NHMJ) - Institute of Jamaica (IOJ) collections.
- To conduct a workshop on hydrological modelling techniques utilised in the conduct of the study, for staff of NEPA and the NHMJ - IOJ.
- To use the baseline data collected from the study to support an informed decision on the boundaries of Water Protection Sub-Zone and the indicator species to be selected for subsequent monitoring.

CONDITIONS OF PARTICIPATION

Participation is open to all natural persons who are nationals of and legal persons which are effectively established in a Member State of the European Union or in a eligible country or territory as defined under the Regulation (EU) No 236/2014 establishing common rules and procedures for the implementation of the Union's instruments for external action (CIR) for the applicable instrument under which the contract is financed. Participation is also open to international organisations.

SELECTION AND AWARD CRITERIA

The reference period which will be taken into account will be **the last three financial years** for which accounts have been closed.

Economic and financial capacity of Legal Persons

- the average annual turnover of the tenderer must exceed the annualised maximum budget of the contract i.e. the maximum budget stated in the contract notice divided by the initial contract duration in years, where this exceeds 1 year (minimum annual turnover requested may not exceed 2 times the estimated annual contract value, except in duly justified cases motivated in the tender dossier); and
- Current ratio (current assets/current liabilities) in the last year for which accounts have been closed must be at least 1.

Economic and financial capacity of Natural Persons

- the available financial resources of the tenderer must exceed the annualised maximum budget of the contract i.e. the maximum budget stated in the contract notice divided by the initial contract duration in years, where this exceeds 1 year (minimum annual turnover requested may not exceed 2 times the estimated annual contract value, except in duly justified cases motivated in the tender dossier); and
- the financial situation of the tenderer should not be in deficit, taken into account debts, at the beginning and end of year.

2) Professional capacity of the tenderer (based on items 4 of the tender form).

The reference period which will be taken into account will be the **last 5 years** preceding the submission deadline.

Professional capacity for Legal Persons:

- has a professional certificate appropriate to this contract, such as Hydrology, Geography/Geology, Environmental Engineering, Natural Resource Management or related field of Environmental Science.
- at least 2 staff currently work for the tenderer in fields related to this contract.

Professional capacity for Natural Persons:

- has a professional certificate appropriate to this contract, such as Hydrology, Geography/Geology, Environmental Engineering, Natural Resource Management or related field of Environmental Science;
- is currently working/has worked during **the last 5 years** as an expert/manager/team-leader with 2 collaborators in fields related to this contract.

3) Technical capacity of tenderer (based on items 5 and 6 of the tender form). The reference period which will be taken into account will be the **last 5 years preceding** the submission deadline.

Technical capacity of Legal Persons

- the tenderer has provided services under at least 2 contracts each with a budget of at least **\$6.0 million** in Hydrology, Geography/Geology, Environmental Engineering, Natural Resource Management or related field of Environmental Science which were implemented at any moment **in the last five years**.

Technical capacity of Natural Persons

- the tenderer has worked successfully on at least 1 project with a budget equivalent to **\$6.0 million** in fields related to this contract in Hydrology, Geography/Geology, Environmental Engineering, Natural Resource Management or related field of Environmental Science **in the last five years.**

This means that the service contracts the tenderer refers to could have been started at any time during the indicated period, but it does not necessarily have to be completed during that period, nor implemented during the entire period. Tenderers are allowed to refer either to service contracts completed within the reference period (although started earlier) or to service contracts not yet completed. Only the portion satisfactorily completed during the reference period will be taken into consideration. This portion will have to be supported by documentary evidence (statement or certificate from the entity which awarded the contract, proof of payment) also detailing its value. If a tenderer has implemented the service contract in a consortium, the percentage that the tenderer has successfully completed must be clear from the documentary evidence, together with a description of the nature of the services provided if the selection criteria relating to the pertinence of the experience have been used.

Previous experience which would have led to breach of contract and termination by a contracting authority shall not be used as reference. This is also applicable concerning the previous experience of experts required under a fee-based service contract.

An economic operator may, where appropriate and for a particular contract, rely on the capacities of other entities, regardless of the legal nature of the links which it has with them. It must in that case prove to the contracting authority that it will have at its disposal the resources necessary for the performance of the contract by producing a commitment by those entities to place those resources at its disposal. Such entities, for instance the parent company of the economic operator, must respect the same rules of eligibility - notably that of nationality - and must comply with the selection criteria for which the economic operator relies on them. Furthermore, the data for this third entity for the relevant selection criterion should be included in the tender in a separate document. Proof of the capacity will also have to be provided when requested by the contracting authority. With regard to technical and professional criteria, an economic operator may only rely on the capacities of other entities where the latter will perform the services for which these capacities are required. With regard to economic and financial criteria the entities upon whose capacity the tenderer relies become jointly and severally liable for the performance of the contract.

MAXIMUM CONTRACT BUDGET - \$9.0 million Jamaican Dollars

CONTRACT DURATION – 12 months