

# REQUEST FOR EXPRESSIONS OF INTEREST



Water and Sewerage Authority invites Expressions of Interest from eligible bidders for the following:

## **PUBLIC PRIVATE PARTNERSHIP FOR THE EXPLORATION, DRILLING, DEVELOPMENT, EQUIPPING, PRODUCTION, OPERATIONS & MAINTENANCE OF GROUNDWATER SOURCES TO THE NATIONAL GRID IN TRINIDAD AND TOBAGO**

### **OVERVIEW**

The Water and Sewerage Authority is seeking to increase the production and supply of groundwater to the National Grid through private sector investment to increase the supply of potable water to the population and eliminate the supply/demand gap.

The Water Resources Agency (WRA) has estimated that at least an additional 42 IMGD in Trinidad and 4 IMGD in Tobago can be sustainably abstracted from drilling new wells and rehabilitating designated wells.

WASA is therefore seeking Expressions of Interest from suitably qualified firms interested in undertaking the following activities through a long-term Agreement:

- Exploration, designing, drilling, developing, equipping and completion of activities within proven and probable groundwater systems.
- Rehabilitation of existing wells that are under-producing.
- Construction of Water Treatment Works as required and all pipelines and appurtenances required to move water to and from these facilities and to connect to the transmission system.
- Operation and maintenance of newly drilled and rehabilitated wells and associated Water Treatment Works.
- Provide financing for the project over a 10 year period.

The successful firm/s would be required to bear all risks including financial, exploratory and operating risks and would be paid by WASA at a rate per volumetric units of water delivered to the National Grid.

### **The specific services should include but not be limited to:**

- Conduct exploration activities to confirm sustainable yield of each groundwater system including test pumping of existing and new wells, hydrogeological surveys and testing of groundwater quality.
- Designing, drilling, developing, equipping of well complete to provide groundwater into the Authority's network.
- Rehabilitate existing wells where there is additional groundwater potential and drill new wells in areas that represent exploration risk, as well as in areas where there are established resources. Activities would include well completion and installation of all infrastructure (power, access, pipelines, Water treatment works etc.) where needed to connect to the Water and Sewerage Authority's grid.
- Operate and maintain the newly drilled and rehabilitated wells and associated treatment works for the duration of the Agreement by assembling all the systems needed to engineer, procure, integrate, monitor, etc. to deliver a functional system and the requisite additional water to WASA.
- Provide information to WASA as required for testing and monitoring well development and operations.
- Procure non-recourse financing for its own account for the activities listed above.

### **REQUIREMENTS**

Interested firms must provide information indicating qualification to perform the services described above. The requirements include:

Attributes	Requirements for Submission of Expression of Interest
Minimum ten years of experience with well drilling. Preference would be given to firms with experience in drilling wells in Trinidad and Tobago.	References and details on previously conducted works.

# REQUEST FOR EXPRESSIONS OF INTEREST

Continued

Attributes	Requirements for Submission of Expression of Interest
Ability to conduct hydrogeological surveys, locate groundwater; perform water well drilling in alluvial, sand and bedrock aquifers; and design, construct and operate water wells.	Profile of firm including certificate of incorporation, articles of incorporation, shareholders, directors, senior executives and number of staff.  Curriculum vitae of key personnel demonstrating capacity to undertake requested services.  List of relevant available equipment.
Technical competency to undertake well development programme across Trinidad and Tobago.	Description of applicant.  Description of proposed approach to undertake the services for the well development programme.  Description of previous assignments of similar nature, complexity and scale.
Minimum ten years of experience with conducting water quality assessment and the design and construction of water treatment plants with demonstrated experience in environmental permitting as it relates to the handling and feeding of chemicals and management of waste produced in the treatment plant. Raw water quality may exceed WHO guidelines for iron or manganese.	Description of the proposed approach to conducting water quality assessments, water treatment plant design, environmental permitting and construction of water treatment plant.  Description of previous assignments of similar nature, complexity and scale.
Technical competency to install pipelines.	Minimum of five years experience in the installation of pipeline greater than 100mm diameter.
Health, Safety and Environment (HSE) management system in compliance with local and international standards.	HSE Policy.  Quality Assurance Policy.
Financial standing and capacity to invest in the well development programme.	Audited financial statements for the past three (3) years.  Bank reference and evidence of the ability to fund a well drilling and rehabilitation programme, inclusive of treatment and pipeline works if required, consistent with the additional water projected to be harnessed.  Evidence of compliance with statutory obligations.

## SUBMISSION OF INTEREST

All interested firms should submit the Expressions of Interest electronically as a single PDF with the requested information to Email Address: [wasasmu@wasa.gov.tt](mailto:wasasmu@wasa.gov.tt)

Ensure the subject line of the email is:

**“EOI Public Private Partnership for the Designing, Drilling, Development, Equipping, Production, Operation and Maintenance of Groundwater Sources to the National Grid in Trinidad and Tobago.”**

The contact information of the applicant should include:

- Applicant Name and Contact Person
- Address
- Telephone Number
- Fax Number
- Email Address

**Submissions will be accepted during the period 1<sup>st</sup> July, to 5<sup>th</sup> August 2022.**

Interested firms may obtain further information via contact: 662-2302 Ext. 2882/ 2916 during business hours 8:00am to 4:00pm, Monday to Friday.



**WATER AND SEWERAGE AUTHORITY**

800-4H20 (800-4420/4426) [wasa.gov.tt](http://wasa.gov.tt) 9272

WASA Trinidad & Tobago @wasatnt WASATrinidadTobago