

INTERNATIONAL CENTRAL GOSPEL CHURCH (ICGC),  
HOLY GHOST TEMPLE

(PROPHETIC SOLUTION CENTRE)

PROCUREMENT OF SERVICES FOR NATIONWIDE  
BOREHOLE PROJECT

## **BOREHOLE PROJECT**

### **1.0 Introduction**

The Prophetic Solution Centre is a ministry of the International Central Gospel Church (ICGC), Holy Ghost Temple located in Fafraha in the Adentan Municipality in the Greater Accra Region. The Holy Ghost Temple which operates under the leadership of Prophet and Rev Mrs Christopher Yaw Annor has over the years undertaken a number of education and health related interventions throughout the country as part of the church's social intervention responsibility (CSR).

The interventions which are primarily delivered under the Prophetic Solution Centre structure, have been intensified since 2017. Some of the key support include supply and installation of Incubators and Photo therapy lights in at least one health facility in all the 16 regions, the provision of ICT labs for Senior High Schools (SHS) in four districts, provision of boreholes for a five schools and communities in two districts.

### **1.2 Overview of interventions for 2022**

In 2022, the plan is to provide 32 limited mechanization borehole systems for all the 16 Regions (2 for each Region) in the country. Water from the boreholes will be pumped into polytanks installed on concrete platforms. This request is being made for qualified drilling companies in the Country to submit both technical and financial proposal to bid for the project.

### **1.3 Project Location**

The project has been designed to cover all the 16 Regions, (2 boreholes each in each Region) and has been classified into three (3) zones.

Southern Zone: Greater Accra, Central, Eastern, Volta, Western North and Western Regions (12 Boreholes). This will be LOT 1.

Middle Zone: Ashanti, Brong Ahafo, Oti, Bono and Ahafo(10 boreholes). This will be LOT 2.

Northern Zone: Northern, Savanna, North East, Upper East and Upper West Regions (10 boreholes). This will be LOT 3.

Kindly use the Technical and Financial proposal format attached to help to prepare your bids. Bidders can bid for all the 3 LOTS but will be given not more than 2.

All procedures and designs for the main activities will be in line with the CWSA standards and guidelines. .

The main activities are as follows;

### **2.0 Hydrogeological Studies**

This will cover desk study, reconnaissance survey and geophysical investigations. Desk study (using historical borehole data) and reconnaissance survey to obtain information of groundwater potential and water quality characteristics within the project area. The geophysical investigations shall be of good quality to yield quality outcomes. The study is critical because the project will not disburse funds for dry boreholes.

### **3.0 Drilling and Construction of Boreholes**

Drilling of boreholes will be done to a maximum depth of 60m. No open hole will be paid for and all boreholes must be lined with 5” PVC pipes. Minimum borehole yield before

construction will be 13.5l/m. Drilled and constructed boreholes will be developed for not less than 3hrs until all particles are cleared. At this stage the borehole must be chlorinated.

#### **4.0 Pumping Test and Analysis of Results**

Tests will be conducted for 6hrs discharge followed by 3hrs recovery using an electric pump. At the end of the discharge tests, water shall be sampled for both physico-chemical and bacteriological tests.

#### **5.0 Pump Installation**

If test and water quality results are satisfactory 1hp or 1.5hp pump will be installed on the borehole.

#### **6.0. Implementation Plan**

Bidders should provide a plan showing all the steps and their duration that will be required to implement the various parts or activities of the project.

Kindly use the technical proposal format below;

## Technical Proposal Format

No	Activity	Remarks
1	<p><b>Company Registration Documents</b></p> <p>Registrar General</p> <p>MWH</p> <p>Drillers License</p>	
2	<p><b>Project Experience</b></p> <p>Experience within the last 7 years</p> <p>(Relevant will be projects of not less than 20 boreholes)</p> <p>Give details on Clients and their contacts, contact sum and completion certificates).</p>	
3	<p><b>Equipment capability</b></p> <p>Geophysical Equipment</p> <p>Drilling Rig and accessories</p> <p>Field Vehicles</p> <p>(Evidence of ownership must be shown)</p>	
4	<p><b>Staff Capability</b></p> <p>Hydrogeologist BSc with not less than 7 years in practice</p> <p>Project Manager BSc/BA with not less than 7 years in practice</p> <p>Drilling Supervisor with not less than 10 years in practice.</p> <p>(Signed CVs must be attached)</p>	

Bidders located in project Regions will be an added advantage.

## 6.0 Financial Proposals

In preparing the financial proposals, it must be noted that the Client will supply materials such as the PVC pipes (both plain and slotted) as well as the submersible pumps including accessories for final installation. Bidder will however supply gravels for gravel packing.

### Financial Proposal Format

No	Activity	Cost(GHC) per BH	Remarks
1	Hydrogeological Investigations, Drilling and Construction (including cost for gravel packing )	Lump Sum	No payment for dry boreholes
2	Pumping Test and collecting two(2) water samples	-do-	Two(2) water samples be given to Client
3	Installation of submersible pumps	-do-	
4	*TOTAL PROJECT COST(for 32 boreholes)		

### Invoicing, tax and retention.

Invoicing can be made when activities 1 &2 ( ie Hydrogeological, drilling and pumping tests) are completed. All payments will attract deduction of the statutory tax(7.5%) and retention(5%).

FORM OF TENDER

To: Prophetic Solution Centre

Dear SIR / MADAM

Having examined the Scope of Works, Technical and Financial Proposal Formats for the construction of the Works and Services, we, the undersigned, offer to complete the Project:

➤ PROCUREMENT OF SERVICES FOR NATIONWIDE BOREHOLE PROJECT (LOT ), the sum of:  
(GHC in words): ..... (GHC in figures):  
.....

We understand that you are not bound to accept the lowest or any tender you may receive.

Dated this..... day of ..... 2022

Name of Firm.....

Address.....

Signature and Stamp.....

Name of Director or Authorized Representative.....

**(NB: Attached a softcopy of national ID( Passport or Ghana Card) of the Director or Authorized Representative who signed the form of Tender)**

**Submission Date and Time**

Submit completed proposal(s) on line to [info.propheticssolution@gmail.com](mailto:info.propheticssolution@gmail.com) not later than Friday 25<sup>th</sup> Nov, 2022 before 12noon.

**Maps/Graphs as report**

1. Site Location Map
2. Site Sketch
3. Geophysical Results (Profiling/sounding and ranking)
4. Litigation free on proposed drilling sites (undertaken from community)
5. Drilling logs/Development sheets/borehole design
6. Pumping Test Results/Analysis
7. Data on Pump Installation Depths