



# **NIGERIAN NATIONAL PETROLEUM CORPORATION GAS AND POWER INVESTMENT COMPANY LIMITED (NGPIC)**

*Herbert Macaulay Way, Central Business District, Abuja*

## **INVITATION FOR PRE-QUALIFICATION/EXPRESSION OF INTEREST FOR THE HYDROLOGIC STUDIES AND BATHYMETRIC SURVEY FOR THE PROPOSED 900MW KADUNA INDEPENDENT POWER PLANT PROJECT (KDIPP) PROJECT**

### **1. INTRODUCTION**

The Nigerian National Petroleum Corporation Gas and Power Investment Company Limited (NGPIC) intend to carry out the Hydrologic Studies and Bathymetric Survey for the Proposed 900MW Kaduna Independent Power Plant Project at Kakura, Rigasa District, Kaduna State.

In compliance with the Public Procurement Act 2007 and the Bureau of Public Procurement guidelines, NGPIC invites interested competent and reputable Contractors /Companies to submit pre-qualification documentation for the Hydrologic Studies and Bathymetric Survey “Works” as described in section 2 below.

### **2. BRIEF DESCRIPTION OF THE PROJECT (SCOPE OF WORK)**

The scope of “Work” for the Hydrologic Studies and Bathymetric Survey includes but not limited to following:

- 2.1 Consider extreme climate conditions and conduct:
  - 2.1.1 Hydrological analysis at the catchment scale for the proposed IPP site and its environs
  - 2.1.2 Catchment rainfall and runoff computations and determine flood risks at the proposed Kaduna IPP site
- 2.2 Produce technical data for drainage designs at the proposed site and wastewater disposal models for possible percolation or discharge into nearby river or streams
- 2.3 Determine average net evaporation values for each month of the year for River Kaduna
- 2.4 Determine sequences of monthly inflow into the River Kaduna
- 2.5 Obtain baseline water quality data downstream of the proposed raw water intake spots to assist with the assessment of environmental impacts
- 2.6 Find out the rate of water & sediments outflow from the Water Body and establish a relation between them
- 2.7 Collect water samples of different time for the study of physical components of the water
- 2.8 Compile different studies done till date by different organizations on these Water Body and compare and validate with the current findings
- 2.9 Produce hydrological maps and charts for the proposed IPP site and
- 2.10 Carry out Bathymetric Survey of the water body close to River Kaduna where Raw Water pipeline is proposed to be laid/submerged using standard eco-sounder to measure water depth below water level in the Water Body.

- 2.11 Measure the width, critical and average depths of the River Kaduna as well as map its underwater features, bed type/form, objects, debris, sediment thickness, object detection etc.
- 2.12 Find out the area, volume and other detail structure of the Water Body
- 2.13 Identify different reference points and locate them on the map of the Water Body
- 2.14 Find out relation between the elevation and the storage of the Water Body
- 2.15 Analyse all suitable options and determine optimum point for Raw Water intake
- 2.16 Carry out Topographic Survey around the Water Body to prepare topographic maps with contour lines with interval of 5m. The topographic map shall cover at least up to 25 m vertical above the Water Body's water level around the Water Body and up to 10 m height along the river channel for up to 200 m downstream from the Water Body outlet
- 2.17 Drilling of five (5) No. of Hydrogeological boreholes within the proposed Kaduna IPP site and conduct water yield test on each of the boreholes and determine the Groundwater development stress (GDS) of the aquifer
- 2.18 Carryout Route Survey for the Proposed Raw Water Intake Pipeline
- 2.19 Fix temporary benchmarks at proper site of the Water Body for reference
- 2.20 Identify all water bodies between proposed Kaduna IPP Site to the River Kaduna where proposed Raw Water pipeline is to be laid/submerged and carry out water depth surveys at the location(s)
- 2.21 Prepare digital GIS map of Water Body with fine resolution.
- 2.22 For verification of the deepest depth, the surveying point density shall be doubled for the area having deepest part of the Water Body (such area should be at least 25% of the total area)
- 2.23 Data verification before demobilization
- 2.24 Data processing, Map/Charts presentation and Report Writing
- 2.25 Carry out other related works

### **3. PRE-QUALIFICATION REQUIREMENTS**

NGPIC in Compliance with the provisions of Public Procurement Prospective Act 2007 and Bureau for procurement guidelines request interested companies to submit the detailed requirements listed below in their pre-qualification bid documents:

- 3.1 Full details of company profile with Certificate of Incorporation in Nigeria, certified true copies of memorandum and article of Association of the company and CAC form C02 and C07 (Particular of Directors).
- 3.2 Company Tax Clearance Certificate for the last three (3) years (2017, 2018 and 2019).
- 3.3 Evidence of VAT registration and Remittance.
- 3.4 Evidence of compliance with part IV, 16(6d) of the Public Procurement Act 2007 as it relates to PENSION (Certificate or exemption from PENCOM) and section 1(2) Pension Reform Act 2004.

- 3.5 Evidence of compliance with the Industrial Training Fund (ITF) Amendment Act 2011 by inclusion of copy of Compliance Certificate from the Industrial Training Fund.
- 3.6 Audited account for the past three (3) years (2017, 2018 & 2019).
- 3.7 Nigerian Content plan that demonstrate full utilization of Nigerian Labour and services with detailed description of role, work scope and man-hours in order to achieve minimum target as set out in the requirements of the NOFICD Act 2010.
- 3.8 Current and in-place organizational structure with detailed experience and skill of key management personnel with names. Provide evidence (personnel list and position organizational chart) percentage of management that are Nigerian nationals and the percentage of the total workforce that are Nigerians.
- 3.9 Detail past/present commitment to staff training and development of Nigerian personnel.
- 3.10 Evidence of financial capability/Bank reference
- 3.11 Evidence of relevant verifiable work experience on similar service in Nigeria over the past five (5) years. Please attach reference letters.
- 3.12 List of verifiable similar service detailing companies that the service rendered to. Company full contact address (Not P.O. Box), Functional phone numbers and e-mail address.
- 3.13 Confirm willingness to commence with the execution of this service on the basis of a letter of intent (LOI).
- 3.14 Company's CASHES and QA/QC Policy & Details of safety records for accidents, incidents, injuries and damages for the past three years e.g. Lost Time Incident, Down-Time etc.
- 3.15 Evidence of registration with Corporate Affairs Commission (CAC).
- 3.16 Any additional information that will enhance the potentials of the company.

**NOTE;** Failure to meet any of 3.1 – 3.6 above is a “FATAL FLAW”.

#### **4. SUBMISSION OF EXPRESSION OF INTEREST**

All prospective companies wishing to express their interest to tender for the Hydrological Studies and Bathymetric Survey works described in 2.0 above shall submit relevant documentation for pre-qualification as stipulated in 3.0 above.

The requested information and any supporting documents in respect of these requirements should be submitted in ONE original plus TWO hard copies and two electronic copies (CD ROM). The documents which should be in separate packages shall be sealed and clearly marked **“PRE-QUALIFICATION FOR HYDROLOGIC STUDIES AND BATHYMETRIC SURVEY OF THE 900MW KADUNA INDEPENDENT POWER PLANT PROJECT AT KAKURA, RIGASA DISTRICT, KADUNA STATE”** and shall reach the address given below, within Six (6) weeks from the date of this advert.

**The Secretary,**  
NGPIC MEXCOM Tenders Board, NNPC,  
Block A, Seventh (7<sup>th</sup>) Floor, Room 02,  
Herbert Macaulay Way,  
NNPC Towers, Central Business District,  
Abuja, FCT.

## **5. IMPORTANT INFORMATION**

### **It must be noted that:**

- 5.1 Only shortlisted companies will be contacted.
- 5.2 Late submission shall be rejected.
- 5.3 Your registration on the NIPEX portal shall be an added advantage.
- 5.4 Your company shall provide NGPIC with a letter of Authority to verify all claims made in your submissions.
- 5.5 Please note that this is not an invitation to tender. Only Companies adjudged qualified by NGPIC under this pre-qualification procedure will be invited to participate in the competitive tender.
- 5.6 NNPC reserve the absolute discretion and right to either accept or reject any documents and it shall not be required to assign a reason for refusal to invite your company to participate in the bidding exercise or to enter any correspondence concerning the selection of any contract for the services.
- 5.7 All claims must be adequately substantiated and verifiable. NGPIC shall deal directly with only authorized officers of the interested companies and not through individuals or agents (ownership is therefore essential).
- 5.8 All costs incurred by your company as a result of this pre-qualification exercise and any subsequent request for information shall be to your account.
- 5.9 The pre-qualification and any related process neither creates any commitment by; NGPIC nor establish any legal relationship.

**SIGNED: NGPIC MANAGEMENT**