

FEDERAL GOVERNMENT OF NIGERIA
MINISTRY OF MINES AND STEEL DEVELOPMENT (MMSD)



MINISTRY OF
**Mines and Steel
Development**



**MINERAL SECTOR SUPPORT FOR ECONOMIC
DIVERSIFICATION (MINDIVER) PROJECT**

(WORLD BANK ASSISTED)

Project ID: P159761

BIDDING DOCUMENT
FOR
**Procurement of Non-Consulting
Services**

FOR

**AIRBORNE GEOPHYSICAL SURVEY OF SELECTED AREAS
UNDER PROOF OF CONCEPT PROGRAMME-
MAGNETIC & RADIOMETRIC for Selected Areas**

NG-MINDIVER-160204-NC-RFB

Issued on: *MAY 14, 2020*



**FEDERAL GOVERNMENT OF NIGERIA
MINISTRY OF MINES & STEEL DEVELOPMENT
MINERAL SECTOR SUPPORT FOR ECONOMIC DIVERSIFICATION
(MinDiver) Project**

REQUEST FOR BIDS -NON-CONSULTING SERVICES (Firm Selection)

COUNTRY: NIGERIA

PROJECT: MINERAL SECTOR SUPPORT FOR ECONOMIC DIVERSIFICATION (Mindiver) PROJECT

PROJECT ID NO: . IDA 5990 NG

IDENTIFICATION NUMBER: NG-MINDIVER-160204-NC-RFB

ASSIGNMENT TITLE: AIRBORNE GEOPHYSICAL SURVEY OF SELECTED AREAS UNDER PROOF OF CONCEPT PROGRAMME-MAGNETIC & RADIOMETRIC FOR SELECTED AREAS

Date: MAY 14 , 2020

1. The Federal Government of Nigeria, represented by the Ministry of Mines and Steel Development (MMSD) has received financing from the World Bank toward the cost of the Mineral Sector Support Project for Economic Diversification , and intends to apply part of the proceeds toward payments under the contract **Airborne Geophysical Survey of selected areas under proof of concept programme- High resolution magnetic & Radiometric for Selected Areas.NG-MINDIVER-160204-NC-RFB.**
2. The Ministry of Mines and Steel Development (MMSD) through the Mineral Sector Support for Economic Diversification (MinDiver) Project now invites sealed Bids from eligible Bidders for carrying out Airborne Geophysical Survey of selected areas under proof of concept programme- High resolution magnetic & Radiometric for selected areas.(381 sheets (TLM50).
3. **OBJECTIVE OF THE ACTIVITY**
The main purpose of the activity is to carry out a higher resolution, target oriented airborne mag-rad survey over three (3) Blocks at flight line spacing of 150, 100 and 200m including the data processing to further translate it into a plausible geological interpretation within selected Priority Areas to better understand subsurface geological features and to develop new models for potential ore deposits. This will assist the MMSD in the strengthening of the Geological Knowledge of the Nigeria's Mineral wealth, prepare for the identification of prospective areas for mining Development and to facilitate competitiveness to attract investors.
4. **BIDDER QUALIFICATION AND CAPACITY REQUIREMENT**
 - i. The experience required to be demonstrated by the Bidder should include as a minimum that he has executed at **least Two (2) similar projects totaling an accumulation of 1.5 Million line-km of Mag-Rad, within the last 5 years.**

- (minimum of 300,000 Line-km Mag-Rad per year) and at least one (1) in Africa.
- ii. Proven experience of the execution of at least 2 projects flying at least **50m ground clearance demonstrating a minimum of 500,000 line kilometer on Airborne Geophysical Survey (Magnetic & Radiometric)** within the **last 5 years**. Client certification will be provided for confirmation that the project were flown at 50m height from the ground, (Pilot capability for "dropping")
 - iii. A minimum of 4 projects within the last 5 years having at least **250,000 Line-Km per project**.
 - iv. The required minimum accumulated turnover for the successful Bidder within the last three years shall be: **Fifteen Million United States Dollars (USD 15,000,000.00)** or equivalent.

The Bidders must prove experience in Services of a similar nature and size for each of the last five years, and details of Services under way or contractually committed; and names and address of clients who may be contacted for further information on those contracts.

- v. The minimum average amount of liquid assets and/or credit facilities net of other contractual commitments of the successful Bidder shall be **One Million Eight Hundred thousand United States Dollars. (USD 1,800,000)** or equivalent.

Additional information on experience and capabilities requirement for the services are provided in the Bidding Document

5. The essential equipment to be made available for the Contract by the successful Bidder shall be:

- a. A turbine Aircraft certified for Airborne Geophysical (Mag-Rad) scanning of less than 15 years old with ability to fly at 260 km/hr. or less, thereby allowing a magnetic reading density of one reading every 3.7m or less, at a magnetometer sample rate of 20 Hz.
- b. A turbine Aircraft should have an excellent safety record and a high climb rate for steep terrain with at least two high sensitivity cesium vapour magnetometer on each wing-tip with a sampling interval of 20 Hz and an in-flight sensitivity of 0.01 Nt.
- c. A minimum number of 7 aircrafts & onboard systems available to be mobilised for a Mag-Rad survey.

The Bidder **MUST** submit a **verifiable evidence** confirming whether the equipment, hardware and software is Owned or Leased or Hired.

- 6. Bidding will be conducted through international competitive procurement using a Request for Bids (RFB) as specified in the World Bank's "Procurement Regulations for IPF Borrowers -" July 2016, Revised November 2017 and August 2018 ("Procurement Regulations"), and is open to all eligible Bidders (or only to prequalified Bidders as the case may be) as defined in the Procurement Regulations.

7. Bidding documents in English Language will be forwarded to interested bidders on the submission of a written Application (by email). It may also be downloaded on www.minesandsteel.gov.ng/mindiver-procurement
8. Bids for submission must be emailed to Mindivertender2020@gmail.com **in a read-only and password protected document as an attachment** on or before **Wednesday July 1, 2020**. Late Bids will be rejected. Mindiver will confirm all received Bids by email.
9. ALL Bidders **must** send the password of their password protected attachments to Mindivertender2020@gmail.com **within one hour after** the bid submission deadline of **11:00am on Wednesday July 1, 2020**.
10. All Bids must be valid for a period of 150 days after bid closing and must be accompanied by either a **a Bid Securing declaration**.
11. Attention is drawn to the Procurement Regulations requiring the Borrower to disclose information on the successful bidder's beneficial ownership, as part of the Contract Award Notice, using the Beneficial Ownership Disclosure Form as included in the bidding document.

The address referred to above is:

Mineral Sector Support for Economic Diversification (MINDIVER) Project
Attn: Utsu Linus Adie (Project Coordinator)
No. 10 Lola Close, off Luanda Crescent, Off Adetokunbo Ademola Crescent
Wuse 2, Abuja
+234 909 324 0644
mindiverprocurement@fmmsd.gov.ng

Request for Bids Non-Consulting Services

**FOR THE
AIRBORNE GEOPHYSICAL SURVEY OF SELECTED AREAS
UNDER PROOF OF CONCEPT PROGRAMME-
MAGNETIC & RADIOMETRIC for selected Areas**

**RFB No: NG-MINDIVER-160204-NC-RFB
Project: MINERAL SECTOR SUPPORT FOR ECONOMIC DIVERSIFICATION (MINDIVER)
PROJECT
COUNTRY – NIGERIA
Credit no. IDA 5990 NG
Issuing Date: MAY 14 2020**

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Part I – Bidding Procedures

Section I - Instructions to Bidders

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Section I - Instructions to Bidders

A. General

1. Scope of Bid

- 1.1 In connection with the Specific Procurement Notice - Request for Bids (RFB), specified in the Bid Data Sheet (BDS), the Employer, as specified **in the BDS**, issues this bidding document for the delivery of Non-Consulting Services, as specified in Section VII, Employer's Requirements. The name, identification and number of lots (contracts) of this RFB procurement are specified in the BDS.
- 1.2 Throughout this bidding document:
- (a) the term "in writing" means communicated in written form (e.g. by mail, e-mail, fax, including if specified **in the BDS**, distributed or received through the electronic-procurement system used by the Employer) with proof of receipt;
 - (b) if the context so requires, "singular" means "plural" and vice versa; and
 - (c) "Day" means calendar day, unless otherwise specified as "Business Day". A Business Day is any day that is an official working day of the Borrower. It excludes the Borrower's official public holidays.

- 1.3 The successful Bidder will be expected to complete the performance of the Services by the Intended Completion Date provided **in the BDS**.

2. Source of Funds

- 2.1 The Borrower or Recipient (hereinafter called "Borrower") specified **in the BDS** has applied for or received financing (hereinafter called "funds") from the International Bank for Reconstruction and Development or the International Development Association (hereinafter called "the Bank") in an amount specified **in the BDS**, toward the project named **in the BDS**. The Borrower intends to apply a portion of the funds to eligible payments under the contract for which this bidding document is issued.
- 2.2 Payment by the Bank will be made only at the request of the Borrower and upon approval by the Bank in accordance with the terms and conditions of the Loan (or other financing) Agreement. The Loan (or other financing) Agreement prohibits a withdrawal from the loan account for the purpose of any payment to persons or entities, or for any import of goods, equipment or materials if such payment or import is prohibited by a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations. No party other than the Borrower shall derive any rights

from the Loan (or other financing) Agreement or have any claim to the proceeds of the Loan (or other financing).

3. Fraud and Corruption

- 3.1 The Bank requires compliance with the Bank's Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework, as set forth in Section VI.
- 3.2 In further pursuance of this policy, Bidders shall permit and shall cause their agents (where declared or not), subcontractors, subconsultants, service providers, suppliers, and their personnel, to permit the Bank to inspect all accounts, records and other documents relating to any initial selection process, prequalification process, bid submission, proposal submission and contract performance (in the case of award), and to have them audited by auditors appointed by the Bank.

4. Eligible Bidders

- 4.1 A Bidder may be a firm that is a private entity, a state-owned entity or institution subject to ITB 4.6, or any combination of such entities in the form of a Joint Venture (JV) under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent. In the case of a joint venture, all members shall be jointly and severally liable for the execution of the entire Contract in accordance with the Contract terms. The JV shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the Bidding process and, in the event the JV is awarded the Contract, during contract execution. Unless specified in the BDS, there is no limit on the number of members in a JV.
- 4.2 A Bidder shall not have a conflict of interest. Any Bidder found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest for the purpose of this Bidding process, if the Bidder:
- (a) directly or indirectly controls, is controlled by or is under common control with another Bidder; or
 - (b) receives or has received any direct or indirect subsidy from another Bidder; or
 - (c) has the same legal representative as another Bidder; or
 - (d) has a relationship with another Bidder, directly or through common third parties, that puts it in a position to influence the Bid of another Bidder, or influence the decisions of the Employer regarding this Bidding process; or

- (e) or any of its affiliates participated as a consultant in the preparation of the Employer's Requirements (including Activities Schedules, Performance Specifications and Drawings) for the Non-Consulting Services that are the subject of the Bid; or
 - (f) or any of its affiliates has been hired (or is proposed to be hired) by the Employer or Borrower for the Contract implementation; or
 - (g) would be providing goods, works, or non-consulting services resulting from or directly related to consulting services for the preparation or implementation of the project specified in the BDS ITB 2.1 that it provided or were provided by any affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm; or
 - (h) has a close business or family relationship with a professional staff of the Borrower (or of the project implementing agency, or of a recipient of a part of the loan) who: (i) are directly or indirectly involved in the preparation of the bidding document or specifications of the contract, and/or the Bid evaluation process of such contract; or (ii) would be involved in the implementation or supervision of such contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Bank throughout the procurement process and execution of the Contract.
- 4.3 A firm that is a Bidder (either individually or as a JV member) shall not participate in more than one Bid, except for permitted alternative Bids. This includes participation as a subcontractor. Such participation shall result in the disqualification of all Bids in which the firm is involved. A firm that is not a Bidder or a JV member, may participate as a subcontractor in more than one Bid.
- 4.4 A Bidder may have the nationality of any country, subject to the restrictions pursuant to ITB 4.8. A Bidder shall be deemed to have the nationality of a country if the Bidder is constituted, incorporated or registered in and operates in conformity with the provisions of the laws of that country, as evidenced by its articles of incorporation (or equivalent documents of constitution or association) and its registration documents, as the case may be. This criterion also shall apply to the determination of the nationality of proposed subcontractors or subconsultants for any part of the Contract including related Services.
- 4.5 A Bidder that has been sanctioned by the Bank, pursuant to the Bank's Anti-Corruption Guidelines, and in accordance with its prevailing sanctions policies and procedures as set forth in the

WBG's Sanctions Framework as described in Section VI paragraph 2.2 d., shall be ineligible to be prequalified for, initially selected for, bid for, propose for, or be awarded a Bank-financed contract or benefit from a Bank-financed contract, financially or otherwise, during such period of time as the Bank shall have determined. The list of debarred firms and individuals is available at the electronic address specified in the BDS.

- 4.6 Bidders that are state-owned enterprises or institutions in the Employer's Country may be eligible to compete and be awarded a Contract(s) only if they can establish, in a manner acceptable to the Bank, that they: (i) are legally and financially autonomous; (ii) operate under commercial law; and (iii) are not under supervision of the Employer.
- 4.7 A Bidder shall not be under suspension from Bidding by the Employer as the result of the operation of a Bid-Securing Declaration or Proposal-Securing Declaration.
- 4.8 Firms and individuals may be ineligible if so indicated in Section V and (a) as a matter of law or official regulations, the Borrower's country prohibits commercial relations with that country, provided that the Bank is satisfied that such exclusion does not preclude effective competition for the supply of goods or the contracting of works or services required; or (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower's country prohibits any import of goods or contracting of works or services from that country, or any payments to any country, person, or entity in that country.
- 4.9 This Bidding is open for all eligible Bidders, unless otherwise specified in ITB 18.4.
- 4.10 A Bidder shall provide such documentary evidence of eligibility satisfactory to the Employer, as the Employer shall reasonably request.
- 4.11 A firm that is under a sanction of debarment by the Borrower from being awarded a contract is eligible to participate in this procurement, unless the Bank, at the Borrower's request, is satisfied that the debarment; (a) relates to fraud or corruption, and (b) followed a judicial or administrative proceeding that afforded the firm adequate due process.

5. Qualification of the Bidder

- 5.1 All Bidders shall provide in Section IV, Bidding Forms, a preliminary description of the proposed work method and schedule, including drawings and charts, as necessary.

- 5.2 In the event that prequalification of Bidders has been undertaken as stated in ITB 18.4, the provisions on qualifications of the Section III, Evaluation and Qualification Criteria shall not apply.

B. Contents of Bidding Document

6. Sections of Bidding Document

- 6.1 The bidding document consists of Parts 1, 2, and 3, which include all the sections indicated below, and should be read in conjunction with any Addenda issued in accordance with ITB 9.

PART 1: Bidding Procedures

- Section I - Instructions to Bidders (ITB)
- Section II - Bid Data Sheet (BDS)
- Section III - Evaluation and Qualification Criteria
- Section IV - Bidding Forms
- Section V - Eligible Countries
- Section VI - Fraud and Corruption

PART 2: Employer's Requirements

- Section VII - Employer's Requirements

PART 3: Contract

- Section VIII - General Conditions of Contract (GCC)
- Section IX - Special Conditions of Contract (SCC)
- Section X - Contract Forms

- 6.2 The Specific Procurement Notice - Request for Bids (RFB) or the notice to prequalified Bidders, as the case may be issued by the Employer is not part of this bidding document.
- 6.3 Unless obtained directly from the Employer, the Employer is not responsible for the completeness of the document, responses to requests for clarification, the Minutes of the pre-Bid meeting (if any), or Addenda to the bidding document in accordance with ITB 9. In case of any contradiction, documents obtained directly from the Employer shall prevail.
- 6.4 The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding document and to furnish with its Bid all information or documentation as is required by the bidding document.

- 7. Site Visit** 7.1 The Bidder, at the Bidder's own responsibility and risk, is encouraged to visit and examine the Site of required Services and its surroundings and obtain all information that may be necessary for preparing the Bid and entering into a contract for the Services. The costs of visiting the Site shall be at the Bidder's own expense.
- 8. Clarification of Bidding Document** 8.1 A Bidder requiring any clarification of the bidding document shall contact the Employer in writing at the Employer's address specified **in the BDS**. The Employer will respond in writing to any request for clarification, provided that such request is received prior to the deadline for submission of Bids within a period specified **in the BDS**. The Employer shall forward copies of its response to all Bidders who have acquired the bidding document in accordance with ITB 6.3, including a description of the inquiry but without identifying its source. If so specified **in the BDS**, the Employer shall also promptly publish its response at the web page identified **in the BDS**. Should the clarification result in changes to the essential elements of the bidding document, the Employer shall amend the bidding document following the procedure under ITB 9 and ITB 23.2.
- 9. Amendment of Bidding Document** 9.1 At any time prior to the deadline for submission of Bids, the Employer may amend the Bidding document by issuing addenda.
- 9.2 Any addendum issued shall be part of the bidding document and shall be communicated in writing to all who have obtained the bidding document from the Employer in accordance with ITB 6.3. The Employer shall also promptly publish the addendum on the Employer's web page in accordance with ITB 8.1.
- 9.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their Bids, the Employer shall extend, as necessary, the deadline for submission of Bids, in accordance with ITB 23.2 below.

C. Preparation of Bids

- 10. Cost of Bidding** 10.1 The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Employer shall not be responsible or liable for those costs, regardless of the conduct or outcome of the Bidding process.
- 11. Language of Bid** 11.1 The Bid as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Employer shall be written in the language specified **in the BDS**. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant

passages into the language specified **in the BDS**, in which case, for purposes of interpretation of the Bid, such translation shall govern.

12. Documents Comprising the Bid

12.1 The Bid shall comprise the following:

- (a) **Letter of Bid** prepared in accordance with ITB 13;
- (b) **Schedules:** priced Activity Schedule completed in accordance with ITB 13 and ITB 15;
- (c) **Bid Security or Bid-Securing Declaration** in accordance with ITB 20.1;
- (d) **Alternative Bid:** if permissible in accordance with ITB 14;
- (e) **Authorization:** written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB 21.3;
- (f) **Qualifications:** documentary evidence in accordance with ITB 18 establishing the Bidder's qualifications to perform the Contract if its Bid is accepted;
- (g) **Bidder's Eligibility:** documentary evidence in accordance with ITB 18 establishing the Bidder's eligibility to Bid;
- (h) **Conformity:** documentary evidence in accordance with ITB 17, that the Services conform to the bidding document; and
- (i) any other document required **in the BDS**.

12.2 In addition to the requirements under ITB 12.1, Bids submitted by a JV shall include a copy of the Joint Venture Agreement entered into by all members. Alternatively, a letter of intent to execute a Joint Venture Agreement in the event of a successful Bid shall be signed by all members and submitted with the Bid, together with a copy of the proposed Agreement.

12.3 The Bidder shall furnish in the Letter of Bid information on commissions and gratuities, if any, paid or to be paid to agents or any other party relating to this Bid.

13. Letter of Bid and Activity Schedule

13.1 The Letter of Bid and priced Activity Schedule shall be prepared using the relevant forms furnished in Section IV, Bidding Forms. The forms must be completed without any alterations to the text, and no substitutes shall be accepted except as provided under ITB 21.3. All blank spaces shall be filled in with the information requested.

14. Alternative Bids

- 14.1 Unless otherwise indicated **in the BDS**, alternative Bids shall not be considered. If alternatives are permitted, only the technical alternatives, if any, of the Most Advantageous Bidder shall be considered by the Employer.
- 14.2 When alternative times for completion are explicitly invited, a statement to that effect will be included **in the BDS** and the method of evaluating different time schedules will be described in Section III, Evaluation and Qualification Criteria.
- 14.3 When specified **in the BDS**, Bidders are permitted to submit alternative technical solutions for specified parts of the Services, and such parts will be identified **in the BDS**, as will the method for their evaluating, and described in Section VII, Employer's Requirements.

15. Bid Prices and Discounts

- 15.1 The prices and discounts (including any price reduction) quoted by the Bidder in the Letter of Bid and in the Activity Schedule(s) shall conform to the requirements specified below.
- 15.2 All lots (contracts) and items must be listed and priced separately in the Activity Schedule(s).
- 15.3 The Contract shall be for the Services, as described in Appendix A to the Contract and in the Specifications (or Terms of Reference), based on the priced Activity Schedule, submitted by the Bidder.
- 15.4 The Bidder shall quote any discounts and indicate the methodology for their application in the Letter of Bid in accordance with ITB 13.1.
- 15.5 The Bidder shall fill in rates and prices for all items of the Services described in the in Specifications (or Terms of Reference), and listed in the Activity Schedule in Section VII, Employer's Requirements. Items for which no rate or price is entered by the Bidder will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Activity Schedule.
- 15.6 All duties, taxes, and other levies payable by the Service Provider under the Contract, or for any other cause, as of the date 28 days prior to the deadline for submission of Bids, shall be included in the total Bid price submitted by the Bidder.
- 15.7 If provided for **in the BDS**, the rates and prices quoted by the Bidder shall be subject to adjustment during the performance of the Contract in accordance with and the provisions of Clause 6.6 of the General Conditions of Contract and/or Special Conditions of Contract. The Bidder shall submit with the Bid all the information required under the Special Conditions of Contract and of the General Conditions of Contract.

- 15.8 For the purpose of determining the remuneration due for additional Services, a breakdown of the lump-sum price shall be provided by the Bidder in the form of Appendices D and E to the Contract.
- 16. Currencies of Bid and Payment**
- 16.1 The currency(ies) of the Bid and the currency(ies) of payments shall be the same. The Bidder shall quote in the currency of the Employer's Country the portion of the Bid price that corresponds to expenditures incurred in the currency of the Employer's Country, unless otherwise specified **in the BDS**.
- 16.2 The Bidder may express the Bid price in any currency. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but shall use no more than three foreign currencies in addition to the currency of the Employer's Country.
- 16.3 Bidders may be required by the Employer to justify their foreign currency requirements and to substantiate that the amounts included in the Lump-sum are reasonable and responsive to ITB 16.1 and 16.2.
- 17. Documents Establishing Conformity of Services**
- 17.1 To establish the conformity of the Non-Consulting Services to the bidding document, the Bidder shall furnish as part of its Bid the documentary evidence that Services provided conform to the technical specifications and standards specified in Section VII, Employer's Requirements.
- 17.2 Standards for provision of the Non-Consulting Services are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality provided that it demonstrates, to the Employer's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Section VII, Employer's Requirements.
- 18. Documents Establishing the Eligibility and Qualifications of the Bidder**
- 18.1 To establish Bidder's their eligibility in accordance with ITB 4, Bidders shall complete the Letter of Bid, included in Section IV, Bidding Forms.
- 18.2 The documentary evidence of the Bidder's qualifications to perform the Contract if its Bid is accepted shall establish to the Employer's satisfaction that the Bidder meets each of the qualification criterion specified in Section III, Evaluation and Qualification Criteria.
- 18.3 All Bidders shall provide in Section IV, Bidding Forms, a preliminary description of the proposed methodology, work plan and schedule.
- 18.4 In the event that prequalification of Bidders has been undertaken as stated **in the BDS**, only Bids from prequalified Bidders shall be considered for award of Contract. These qualified Bidders should submit with their Bids any information updating their original prequalification applications or, alternatively, confirm in their Bids that the originally submitted prequalification information remains essentially correct as of the date of Bid submission.

18.5 If prequalification has not taken place before Bidding, the qualification criteria for the Bidders are specified in Section III, Evaluation and Qualification Criteria.

**19. Period of
Validity of
Bids**

19.1 Bids shall remain valid for the Bid Validity period specified **in the BDS**. The Bid Validity period starts from the date fixed for the Bid submission deadline date (as prescribed by the Employer in accordance with ITB 23.1). A Bid valid for a shorter period shall be rejected by the Employer as nonresponsive.

19.2 In exceptional circumstances, prior to the expiration of the Bid validity period, the Employer may request Bidders to extend the period of validity of their Bids. The request and the responses shall be made in writing. If a Bid Security is requested in accordance with ITB 20, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its Bid, except as provided in ITB 19.3.

19.3 If the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity period, the Contract price shall be determined as follows:

- (a) in the case of fixed price contracts, the Contract price shall be the Bid price adjusted by the factor specified **in the BDS**;
- (b) in the case of adjustable price contracts, no adjustment shall be made; or
- (c) in any case, Bid evaluation shall be based on the Bid price without taking into consideration the applicable correction from those indicated above.

20. Bid Security

20.1 The Bidder shall furnish as part of its Bid, either a Bid-Securing Declaration or a Bid security, as specified **in the BDS**, in original form and, in the case of a Bid Security, in the amount and currency specified **in the BDS**.

20.2 A Bid Securing Declaration shall use the form included in Section IV, Bidding Forms.

20.3 If a Bid Security is specified pursuant to ITB 20.1, the Bid Security shall be a demand guarantee, and in any of the following forms at the Bidder's option:

- (a) an unconditional guarantee issued by a bank or non-bank financial institution (such as an insurance, bonding or surety company);

- (b) an irrevocable letter of credit;
- (c) a cashier's or certified check; or
- (d) another security specified **in the BDS**,

from a reputable source and an eligible country. If the unconditional guarantee is issued by a non-bank financial institution located outside the Employer's Country, the issuing non-bank financial institution shall have a correspondent financial institution located in the Employer's Country to make it enforceable, unless the Employer has agreed in writing, prior to Bid submission, that a correspondent financial institution is not required. In the case of a bank guarantee, the Bid security shall be submitted either using the Bid Security Form included in Section IV, Bidding Forms, or in another substantially similar format approved by the Employer prior to Bid submission. The Bid Security shall be valid for twenty-eight (28) days beyond the original validity period of the Bid, or beyond any period of extension if requested under ITB 19.2.

- 20.4 If a Bid Security is specified pursuant to ITB 20.1, any Bid not accompanied by a substantially responsive Bid Security shall be rejected by the Employer as non-responsive.
- 20.5 If a Bid Security is specified pursuant to ITB 20.1, the Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's signing the contract and furnishing the Performance Security pursuant to ITB 46.
- 20.6 The Bid Security of the successful Bidder shall be returned as promptly as possible once the successful Bidder has signed the Contract and furnished the required Performance Security.
- 20.7 The Bid Security may be forfeited or the Bid-Securing Declaration executed:
 - (a) if a Bidder withdraws its Bid during the period of Bid validity specified by the Bidder in the Letter of Bid, or any extension thereto provided by the Bidder; or
 - (b) if the successful Bidder fails to:
 - (i) sign the Contract in accordance with ITB 45; or
 - (ii) furnish a performance security in accordance with ITB 46.
- 20.8 The Bid Security or Bid-Securing Declaration of a JV must be in the name of the JV that submits the Bid. If the JV has not been legally constituted into a legally enforceable JV at the time of Bidding, the Bid security or Bid-Securing Declaration shall be in the names of all

future members as named in the letter of intent referred to in ITB 4.1 and ITB 12.2.

20.9 If a Bid Security is not required in the BDS, pursuant to ITB 20.1, and

- (a) if a Bidder withdraws its Bid during the period of Bid validity specified by the Bidder on the Letter of Bid; or
- (b) if the successful Bidder fails to:
 - (i) sign the Contract in accordance with ITB 45; or
 - (ii) furnish a performance security in accordance with ITB 46;

the Borrower may, if provided for **in the BDS**, declare the Bidder ineligible to be awarded a contract by the Employer for a period of time as stated **in the BDS**.

21. Format and Signing of Bid

21.1 The Bidder shall prepare one original of the documents comprising the Bid as described in ITB 12, bound with the volume containing the Form of Bid, and clearly marked "Original." In addition, the Bidder shall submit copies of the Bid, in the number specified **in the BDS**, and clearly marked as "Copies." In the event of discrepancy between them, the original shall prevail.

21.2 Bidders shall mark as "CONFIDENTIAL" information in their Bids which is confidential to their business. This may include proprietary information, trade secrets, or commercial or financially sensitive information.

21.3 The original and all copies of the Bid shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation as specified **in the BDS** and shall be attached to the Bid. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the Bid where entries or amendments have been made shall be signed or initialed by the person signing the Bid.

21.4 In case the Bidder is a JV, the Bid shall be signed by an authorized representative of the JV on behalf of the JV, and so as to be legally binding on all the members as evidenced by a power of attorney signed by their legally authorized representatives.

21.5 Any inter-lineation, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Bid.

D. Submission and Opening of Bids

22. Sealing and Marking of Bids

22.1 The Bidder shall deliver the Bid in a single, sealed envelope. Within the single envelope the Bidder shall place the following separate, sealed envelopes:

- (a) in an envelope marked “ORIGINAL”, all documents comprising the Bid, as described in ITB 12; and
- (b) in an envelope marked “COPIES”, all required copies of the Bid; and
- (c) if alternative Bids are permitted in accordance with ITB 14, and if relevant:
 - (i) in an envelope marked “ORIGINAL - ALTERNATIVE BID”, the alternative Bid; and
 - (ii) in the envelope marked “COPIES – ALTERNATIVE BID” all required copies of the alternative Bid.

22.2 The inner and outer envelopes shall:

- (a) bear the name and address of the Bidder;
- (b) be addressed to the Employer in accordance with ITB 23.1;
- (c) bear the specific identification of this Bidding process specified in accordance with BDS 1.1; and
- (d) bear a warning not to open before the time and date for Bid opening.

22.3 If all envelopes are not sealed and marked as required, the Employer will assume no responsibility for the misplacement or premature opening of the Bid.

23. Deadline for Submission of Bids

23.1 Bids must be received by the Employer at the address and no later than the date and time specified **in the BDS**. When so specified **in the BDS**, Bidders shall have the option of submitting their Bids electronically. Bidders submitting Bids electronically shall follow the electronic Bid submission procedures specified **in the BDS**.

23.2 The Employer may, at its discretion, extend the deadline for the submission of Bids by amending the bidding document in accordance with ITB 9, in which case all rights and obligations of the Employer

and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

24. Late Bids

- 24.1 The Employer shall not consider any Bid that arrives after the deadline for submission of Bids, in accordance with ITB 23. Any Bid received by the Employer after the deadline for submission of Bids shall be declared late, rejected, and returned unopened to the Bidder.

**25. Withdrawal,
Substitution
and
Modification of
Bids**

- 25.1 A Bidder may withdraw, substitute, or modify its Bid after it has been submitted by sending a written notice, duly signed by an authorized representative, and shall include a copy of the authorization (the power of attorney) in accordance with ITB 21.3, (except that withdrawal notices do not require copies). The corresponding substitution or modification of the Bid must accompany the respective written notice. All notices must be:

- (a) prepared and submitted in accordance with ITB 21 and ITB 22 (except that withdrawal notices do not require copies), and in addition, the respective envelopes shall be clearly marked “WITHDRAWAL,” “SUBSTITUTION,” or “MODIFICATION;” and
- (b) received by the Employer prior to the deadline prescribed for submission of Bids, in accordance with ITB 23.

- 25.2 Bids requested to be withdrawn in accordance with ITB 25.1 shall be returned unopened to the Bidders.

- 25.3 No Bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of Bids and the expiration of the period of Bid validity specified by the Bidder on the Letter of Bid or any extension thereof.

26. Bid Opening

- 26.1 Except as in the cases specified in ITB 23 and ITB 25.2, the Employer shall, at the Bid opening, publicly open and read out all Bids received by the deadline at the date, time and place specified **in the BDS** in the presence of Bidders’ designated representatives and anyone who choose to attend. Any specific electronic Bid opening procedures required if electronic bidding is permitted in accordance with ITB 23.1, shall be as specified **in the BDS**.

- 26.2 First, envelopes marked “WITHDRAWAL” shall be opened and read out and the envelope with the corresponding Bid shall not be opened, but returned to the Bidder. If the withdrawal envelope does not contain a copy of the “power of attorney” confirming the signature as a person duly authorized to sign on behalf of the Bidder, the corresponding Bid will be opened. No Bid withdrawal shall be permitted unless the

corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at Bid opening.

- 26.3 Next, envelopes marked “SUBSTITUTION” shall be opened and read out and exchanged with the corresponding Bid being substituted, and the substituted Bid shall not be opened, but returned to the Bidder. No Bid substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out at Bid opening.
- 26.4 Next, envelopes marked “MODIFICATION” shall be opened and read out with the corresponding Bid. No Bid modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at Bid opening.
- 26.5 Next, all remaining envelopes shall be opened one at a time, reading out: the name of the Bidder and whether there is a modification; the total Bid Prices, per lot (contract) if applicable, including any discounts and alternative Bids; the presence or absence of a Bid Security or Bid-Securing Declaration, if required; and any other details as the Employer may consider appropriate.
- 26.6 Only Bids, alternative Bids and discounts that are opened and read out at Bid opening shall be considered further. The Letter of Bid and the priced Activity Schedule are to be initialed by representatives of the Employer attending Bid opening in the manner specified **in the BDS**.
- 26.7 The Employer shall neither discuss the merits of any Bid nor reject any Bid (except for late Bids, in accordance with ITB 24.1).
- 26.8 The Employer shall prepare a record of the Bid opening that shall include, as a minimum:
 - (a) the name of the Bidder and whether there is a withdrawal, substitution, or modification;
 - (b) the Bid Price, per lot (contract) if applicable, including any discounts; and
 - (c) any alternative Bids;
 - (d) the presence or absence of a Bid Security or Bid-Securing Declaration, if one was required.
- 26.9 The Bidders’ representatives who are present shall be requested to sign the record. The omission of a Bidder’s signature on the record shall not invalidate the contents and effect of the record. A copy of the record shall be distributed to all Bidders.

E. Evaluation and Comparison of Bids

- 27. Confidentiality** 27.1 Information relating to the evaluation of Bids and recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with the Bidding process until information on the Intention to Award the Contract is transmitted to all Bidders in accordance with ITB 41.
- 27.2 Any effort by a Bidder to influence the Employer in the evaluation or contract award decisions may result in the rejection of its Bid.
- 27.3 Notwithstanding ITB 27.2, from the time of Bid opening to the time of Contract Award, if any Bidder wishes to contact the Employer on any matter related to the Bidding process, it should do so in writing.
- 28. Clarification of Bids** 28.1 To assist in the examination, evaluation, and comparison of Bids, and qualification of the Bidders, the Employer may, at the Employer's discretion, ask any Bidder for clarification of its Bid including breakdowns of the prices in the Activity Schedule, and other information that the Employer may require. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Employer shall not be considered. The Employer's request for clarification and the response shall be in writing. No change, including any voluntary increase or decrease, in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Employer in the evaluation of the Bids, in accordance with ITB 32.
- 28.2 If a Bidder does not provide clarifications of its Bid by the date and time set in the Employer's request for clarification, its Bid may be rejected.
- 29. Deviations, Reservations, and Omissions** 29.1 During the evaluation of Bids, the following definitions apply:
- (a) "Deviation" is a departure from the requirements specified in the bidding document;
 - (b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the bidding document; and
 - (c) "Omission" is the failure to submit part or all of the information or documentation required in the bidding document.
- 30. Determination of Responsiveness** 30.1 The Employer's determination of a Bid's responsiveness is to be based on the contents of the Bid itself, as defined in ITB 12.

30.2 A substantially responsive Bid is one that meets the requirements of the bidding document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

(a) if accepted, would:

(i) affect in any substantial way the scope, quality, or performance of the Non-Consulting Services specified in the Contract; or

(ii) limit in any substantial way, inconsistent with the bidding document, the Employer's rights or the Bidder's obligations under the Contract; or

(b) if rectified, would unfairly affect the competitive position of other Bidders presenting substantially responsive Bids.

30.3 The Employer shall examine the technical aspects of the Bid submitted in accordance with ITB 17 and ITB 18, in particular, to confirm that all requirements of Section VII, Employer's Requirements have been met without any material deviation or reservation, or omission.

30.4 If a Bid is not substantially responsive to the requirements of bidding document, it shall be rejected by the Employer and may not subsequently be made responsive by correction of the material deviation, reservation, or omission.

31. Nonconformities, Errors and Omissions

31.1 Provided that a Bid is substantially responsive, the Employer may waive any nonconformities in the Bid.

31.2 Provided that a Bid is substantially responsive, the Employer may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the Bid related to documentation requirements. Requesting information or documentation on such nonconformities shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

31.3 Provided that a Bid is substantially responsive, the Employer shall rectify quantifiable nonmaterial nonconformities related to the Bid Price. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component in the manner specified **in the BDS**.

32. Correction of Arithmetical Errors

32.1 Provided that the Bid is substantially responsive, the Employer shall correct arithmetical errors on the following basis:

- (a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Employer there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;
- (b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- (c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

32.2 Bidders shall be requested to accept correction of arithmetical errors. Failure to accept the correction in accordance with ITB 32.1, shall result in the rejection of the Bid.

33. Conversion to Single Currency

33.1 For evaluation and comparison purposes, the currency(ies) of the Bid shall be converted in a single currency as specified **in the BDS**.

34. Margin of Preference

34.1 A margin of preference shall not apply.

35. Evaluation of Bids

35.1 The Employer shall use the criteria and methodologies listed in this ITB and Section III, Evaluation and Qualification Criteria. No other evaluation criteria or methodologies shall be permitted. By applying the criteria and methodologies, the Employer shall determine the Most Advantageous Bid. This is the Bid of the Bidder that meets the qualification criteria and whose Bid has been determined to be:

- (a) substantially responsive to the bidding document; and
- (b) the lowest evaluated cost.

35.2 In evaluating the Bids, the Employer will determine for each Bid the evaluated Bidcost by adjusting the Bid price as follows:

- (a) price adjustment for correction of arithmetic errors in accordance with ITB 32.1;
- (b) price adjustment due to discounts offered in accordance with ITB 15.4;

- (c) converting the amount resulting from applying (a) and (b) above, if relevant, to a single currency in accordance with ITB 33;
- (d) price adjustment due to quantifiable nonmaterial nonconformities in accordance with ITB 31.3;
- (e) excluding provisional sums and the provision, if any, for contingencies in the Activity Schedule but including Daywork, when requested in the Specifications (or Terms of Reference); and
- (f) the additional evaluation factors are specified in Section III, Evaluation and Qualification Criteria.

35.3 The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be taken into account in Bid evaluation.

35.4 If this bidding document allows Bidders to quote separate prices for different lots (contracts), the methodology to determine the lowest evaluated cost of the lot (contract) combinations, including any discounts offered in the Letter of Bid, is specified in Section III, Evaluation and Qualification Criteria.

36. Comparison of Bids

36.1 The Employer shall compare the evaluated costs of all substantially responsive Bids established in accordance with ITB 35.2 to determine the Bid that has the lowest evaluated cost.

37. Abnormally Low Bids

37.1 An Abnormally Low Bid is one where the Bid price, in combination with other constituent elements of the Bid, appears unreasonably low to the extent that the Bid price raises material concerns as to the capability of the Bidder to perform the Contract for the offered Bid price.

37.2 In the event of identification of a potentially Abnormally Low Bid, the Employer shall seek written clarifications from the Bidder, including detailed price analyses of its Bid price in relation to the subject matter of the contract, scope, proposed methodology, schedule, allocation of risks and responsibilities and any other requirements of the bidding document.

37.3 After evaluation of the price analyses, in the event that the Employer determines that the Bidder has failed to demonstrate its capability to perform the Contract for the offered Bid Price, the Employer shall reject the Bid.

38. Qualification of the Bidder

38.1 The Employer shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated cost and

substantially responsive Bid is eligible and meets the qualifying criteria specified in Section III, Evaluation and Qualification Criteria.

38.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB 18. The determination shall not take into consideration the qualifications of other firms such as the Bidder's subsidiaries, parent entities, affiliates, subcontractors or any other firm(s) different from the Bidder that submitted the Bid.

38.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the Bid, in which event the Employer shall proceed to the Bidder who offers a substantially responsive Bid with the next lowest evaluated cost to make a similar determination of that Bidder's qualifications to perform satisfactorily.

**39. Employer's
Right to
Accept Any
Bid, and to
Reject Any or
All Bids**

39.1 The Employer reserves the right to accept or reject any Bid, and to annul the Bidding process and reject all Bids at any time prior to Contract Award, without thereby incurring any liability to Bidders. In case of annulment, all Bids submitted and specifically, Bid securities, shall be promptly returned to the Bidders.

**40. Standstill
Period**

40.1 The Contract shall not be awarded earlier than the expiry of the Standstill Period. The Standstill Period shall be ten (10) Business Days unless extended in accordance with ITB 44. The Standstill Period commences the day after the date the Employer has transmitted to each Bidder the Notification of Intention to Award the Contract. Where only one Bid is submitted, or if this contract is in response to an emergency situation recognized by the Bank, the Standstill Period shall not apply

**41. Notification of
Intention to
Award**

41.1 The Employer shall send to each Bidder, the Notification of Intention to Award the Contract to the successful Bidder. The Notification of Intention to Award shall contain, at a minimum, the following information:

- (a) the name and address of the Bidder submitting the successful Bid;
- (b) the Contract price of the successful Bid;
- (c) the names of all Bidders who submitted Bids, and their Bid prices as readout and as evaluated;
- (d) a statement of the reason(s) the Bid (of the unsuccessful Bidder to whom the notification is addressed) was unsuccessful;
- (e) the expiry date of the Standstill Period; and

- (f) instructions on how to request a debriefing or submit a complaint during the standstill period.

F. Award of Contract

42. Award Criteria

42.1 Subject to ITB 39, the Employer shall award the Contract to the successful Bidder. This is the Bidder whose Bid has been determined to be the Most Advantageous Bid. This is the Bid of the Bidder that meets the qualification criteria and whose Bid has been determined to be:

- (a) substantially responsive to the bidding document; and
- (b) the lowest evaluated cost.

43. Notification of Award

43.1 Prior to the expiration of the Bid Validity Period and upon expiry of the Standstill Period, specified in ITB 40.1, or any extension thereof, and, upon satisfactorily addressing any complaint that has been filed within the Standstill Period, the Employer shall notify the successful Bidder, in writing, that its Bid has been accepted. The notification of award (hereinafter and in the Conditions of Contract and Contract Forms called the “Letter of Acceptance”) shall specify the sum that the Employer will pay the Service Provider in consideration of the execution of the Contract (hereinafter and in the Conditions of Contract and Contract Forms called “the Contract Price”).

43.2 Within ten (10) Business Days after the date of transmission of the Letter of Acceptance, the Employer shall publish the Contract Award Notice which shall contain, at a minimum, the following information:

- (a) name and address of the Employer;
- (b) name and reference number of the contract being awarded, and the selection method used;
- (c) names of all Bidders that submitted Bids, and their Bid prices as read out at Bid opening, and as evaluated;
- (d) name of Bidders whose Bids were rejected and the reasons for their rejection;
- (e) the name of the successful Bidder, the final total contract price, the contract duration and a summary of its scope; and
- (f) successful Bidder’s Beneficial Ownership Disclosure Form, if specified in BDS ITB 45.1.

43.3 The Contract Award Notice shall be published on the Employer’s website with free access if available, or in at least one newspaper of national circulation in the Employer’s Country, or in the official

gazette. The Employer shall also publish the contract award notice in UNDB online.

43.4 Until a formal Contract is prepared and executed, the Letter of Acceptance shall constitute a binding Contract.

44. Debriefing by the Employer

44.1 On receipt of the Borrower's Notification of Intention to Award referred to in ITB41, an unsuccessful Bidder has three (3) Business Days to make a written request to the Employer for a debriefing. The Employer shall provide a debriefing to all unsuccessful Bidders whose request is received within this deadline.

44.2 Where a request for debriefing is received within the deadline, the Employer shall provide a debriefing within five (5) Business Days, unless the Employer decides, for justifiable reasons, to provide the debriefing outside this timeframe. In that case, the standstill period shall automatically be extended until five (5) Business Days after such debriefing is provided. If more than one debriefing is so delayed, the standstill period shall not end earlier than five (5) Business Days after the last debriefing takes place. The Employer shall promptly inform, by the quickest means available, all Bidders of the extended standstill period.

44.3 Where a request for debriefing is received by the Employer later than the three (3)-Business Day deadline, the Employer should provide the debriefing as soon as practicable, and normally no later than fifteen (15) Business Days from the date of publication of Public Notice of Award of contract. Requests for debriefing received outside the three (3)-day deadline shall not lead to extension of the standstill period.

44.4 Debriefings of unsuccessful Bidders may be done in writing or verbally. The Bidder shall bear their own costs of attending such a debriefing meeting.

45. Signing of Contract

45.1 The Employer shall send to the successful Bidder the Letter of Acceptance including the Contract Agreement, and, if specified in the BDS, a request to submit the Beneficial Ownership Disclosure Form providing additional information on its beneficial ownership. The Beneficial Ownership Disclosure Form, if so requested, shall be submitted within eight (8) Business Days of receiving this request.

45.2 The successful Bidder shall sign, date and return to the Employer, the Contract Agreement within twenty-eight (28) days of its receipt.

46. Performance Security

46.1 Within twenty-eight (28) days of the receipt of the Letter of Acceptance from the Employer, the successful Bidder, if required, shall furnish the Performance Security in accordance with the GCC

3.9, using for that purpose the Performance Security Form included in Section X, Contract Forms, or another Form acceptable to the Employer. If the Performance Security furnished by the successful Bidder is in the form of a bond, it shall be issued by a bonding or insurance company that has been determined by the successful Bidder to be acceptable to the Employer. A foreign institution providing a bond shall have a correspondent financial institution located in the Employer's Country, unless the Employer has agreed in writing that a correspondent financial institution is not required.

46.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Employer may award the Contract to the Bidder offering the next Most Advantageous Bid.

47. Adjudicator

47.1 The Employer proposes the person named **in the BDS** to be appointed as Adjudicator under the Contract, at an hourly fee specified **in the BDS**, plus reimbursable expenses. If the Bidder disagrees with this Bid, the Bidder should so state in the Bid. If, in the Letter of Acceptance, the Employer has not agreed on the appointment of the Adjudicator, the Adjudicator shall be appointed by the Appointing Authority designated in the Special Conditions of Contract at the request of either party.

**48. Procurement
Related
Complaint**

48.1 The procedures for making a Procurement-related Complaint are as specified in the BDS.

Section II -Bid Data Sheet (BDS)

The following specific data for the Non-Consulting Services to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Reference	A. General
ITB 1.1	<p>The reference number of the Request for Bids (RFB) is : NG-MINDIVER/160204-NC-RFB</p> <p>The Employer is: THE MINISTRY OF MINES AND STEEL DEVELOPMENT</p> <p>The name of the RFB is: AIRBORNE GEOPHYSICAL SURVEY OF SELECTED AREAS UNDER PROOF OF CONCEPT PROGRAMME USING MAGNETIC & RADIOMETRIC for Areas in Block 1, 2 &3</p> <p>.NG-MINDIVER/160204-NC-RFB</p>
ITB 1.2(a)	Not Applicable
ITB 1.3	The Intended Completion Date is : 24 (twenty-four) MONTHS
ITB 2.1	<p>The Borrower is: Federal Government of Nigeria and the Implementing Agency is the Ministry of Mines and Steel Development through the Project Implementing Unit (MINDIVER)</p> <p>Loan or Financing Agreement amount:US\$ 150M</p> <p>The name of the Project is: Mineral Sector Support for Economic Diversification (MINDIVER) Project</p>
ITB 4.1	Maximum number of members in the Joint Venture (JV) shall be: <i>Not Applicable</i>
ITB 4.5	A list of debarred firms and individuals is available on the Bank's external website: http://www.worldbank.org/debarr .
	B. Contents of Bidding Document
ITB 8.1	<p>For <u>Clarification of Bid purposes</u> only, the Employer's address is: PIU, Mineral Sector Support for Economic Diversification (MINDIVER) Project</p> <p>Attention: The Project Coordinator</p>

	<p>Address: No. 10 Lola Close, off Luanda Crescent, Off Adetokunbo Ademola Crescent</p> <p>Floor/ Room number:</p> <p>City: Wuse II, Abuja</p> <p>Country: Nigeria</p> <p>Telephone: 09093240644</p> <p>Electronic mail address: mindiverprocurement@fmmsd.gov.ng</p> <p>Requests for clarification should be received by the Purchaser no later than: 14 days before submission deadline.</p> <p>Web page: www.minesandsteel.gov.ng/mindiver-procurement/</p>
	C. Preparation of Bids
ITB 11.1	<p>The language of the Bid is: English Language.</p> <p>All correspondence exchange shall be in English Language.</p> <p>Language for translation of supporting documents and printed literature is English Language.</p>
ITB 12.1 (j)	<p>The Bidder shall submit the following additional documents in its Bid:</p> <ul style="list-style-type: none"> I. Certificate of registration for the aircraft available for the project II. Signed statement confirming whether the equipment, hardware and software is Owned or Leased or Hired. III. Proof of qualification experience i.e. Letters of award, letters of completion etc.
ITB 14.1	Alternative Bids <i>shall not be</i> considered.
ITB 14.2	Alternative times for completion <i>shall not be</i> permitted.
ITB 14.3	NA
ITB 15.7	The prices quoted by the Bidder <i>shall not</i> be subject to adjustment during the performance of the Contract.
ITB 16.1	The Bidder <i>is</i> required to quote in the currency of the Employer's Country the portion of the Bid price that corresponds to expenditures incurred in that currency.
ITB 18.4	Prequalification <i>has not been</i> undertaken.

ITB 19.1	The Bid validity period shall be 150 days after the deadline for Bid submission.
ITB 19.3 (a)	The Bid price shall be adjusted by the following factor(s) Not Applicable
ITB 20.1	<u>Bid securing Declaraion</u> <i>shall be</i> required. The Bid Securing Declaration shall be valid for twenty-eight (28) days beyond the original validity period of the Bid, or beyond any period of extension if requested under ITB 19.2
ITB 20.3 (d)	Other types of acceptable securities: None
ITB 20.9	24 months
ITB 21.1	In addition to the original of the Bid, the number of copies is: 2 (two) copies In addition, one soft copy of the bid in PDF/MS Word document has to be submitted in a sealed envelope. In case of any discrepancy in between the paper-based bid and the soft copy of the bid, the paper-based bid shall prevail
ITB 21.3	The written confirmation of authorization to sign on behalf of the Bidder shall consist of : <ul style="list-style-type: none">i. Power of attorney.ii. In the case of Bids submitted by an existing or intended JV, an undertaking signed by all parties (i) stating that all parties shall be jointly and severally liable, and (ii) nominating a Representative who shall have the authority to conduct all business for and on behalf of any and all the parties of the JV during the bidding process and, in the event the JV is awarded the Contract, during contract execution
	D. Submission and Opening of Bids
ITB 23.1	Completed Bids for submission must be emailed to Mindivertender2020@gmail.com in a password protected read-only document as an attachment. .
ITB 23.1	The deadline for Bid submission is: Date: Wednesday, July 1, 2020 Time: 11:00 a.m. MinDiver shall acknowledge the receipt of each bid.

ITB 26.1	<p>Bids shall be opened electronically on:</p> <p>Date: Wednesday, July 1, 2020</p> <p>Time: 11:00 a.m.</p>
ITB 26.1	<p>Electronic Bid Opening procedures shall as follows:</p> <p>ALL Bidders must send the password of their password protected attachments to mindivertender2020@gmail.com within one hour after the bid submission deadline of 11:00am on Wednesday July 1, 2020.</p>
ITB 26.6	<p>The Letter of Bid and priced Activity Schedule shall be initialed by Two representatives of the Employer conducting Bid opening</p> <p>Each Bid shall be initialed by Two representatives and shall be numbered, any modification to the unit or total price shall be initialed by the Representative of the Employer</p>
E. Evaluation and Comparison of Bids	
ITB 31.3	<p>The adjustment shall be based on the average price of the item or component as quoted in other substantially responsive Bids. If the price of the item or component cannot be derived from the price of other substantially responsive Bids, the Employer shall use its best estimate.</p>
ITB 33.1	<p>The currency that shall be used for Bid evaluation and comparison purposes to convert at the selling exchange rate all Bid prices expressed in various currencies into a single currency is Nigerian Naira</p> <p>The source of exchange rate shall be: Central Bank of Nigeria</p> <p>The date for the exchange rate shall be: Date of Bid opening</p>
F. Award of Contract	
ITB 45.1	<p>The successful Bidder <i>shall</i> submit the Beneficial Ownership Disclosure Form.</p>
ITB 47	<p>The Adjudicator proposed by the Employer is:</p> <p>Mr. Olurotimi Aju, FCI Arb</p> <p>62, Awolowo Road,</p>

**Ikoyi,
Lagos,
Nigeria**

The hourly fee for this proposed Adjudicator shall be 100,000 NGN.

The biographical data of the proposed Adjudicator is as follows:

PERSONAL DATA:

Contact Address: 62, Awolowo Road, Ikoyi, Lagos

E-mail: oaju@clplegal.com.ng

Phone No: 08023458484

PRACTICE AREAS:

Dispute Resolution; Corporate/Commercial; Energy and Natural Resources.

WORK EXPERIENCE:

1) Consolex Legal Practitioner (now CLP Legal)

September 2011 to date

(Partner)

2) Consolex Legal Practitioners (now CLP Legal)

June 2008 to September 2011

(Senior Associate)

3) Consolex Legal Practitioners (now CLP Legal)-

September 2006 to May 2008

(Associate)

4) Ukpong & Omotoso-

October 2003 to August 2006

(Associate)

SAMPLING OF RELEVANT EXPERIENCE:

Acted as an expert witness on broad issues of Nigerian Law arising from the operations of the Coastal and Inland Shipping (Cabotage) Act in international commercial arbitration proceedings before the London Maritime Arbitrators Association.

Worked with the team of Solicitors engaged by the charterers of a vessel sued in respect of a debt arising from the charter of the vessel, to handle

negotiations for amicable settlement in international arbitration proceedings before the London Maritime Arbitrators Association.

Successfully represented and defended the interests of the leading gas marketing and distribution company in South East Nigeria in construction arbitration proceedings conducted under the rules of the Chartered Institute of Arbitration UK (Nigeria Branch).

Successfully represented and defended the interests of a one of Africa's largest integrated energy solutions provider in construction arbitration proceedings conducted under the rules of the Chartered Institute of Arbitration UK (Nigeria Branch).

Acted as Sole Conciliator in proceedings between Nigeria's pioneer and largest brewing company and one of its transporters/distributors in respect of a dispute arising under a haulage agreement involving the parties.

Successfully represented and defended the interest of a key player in Nigeria's upstream oil and gas sector with significant interest in a number of oil mining leases in mediation proceedings relating to investments in one of its assets resulting in the execution of a settlement agreement mutually accepted by the parties.

Engaged by one of Nigeria's leading E & P companies to conduct a legal due diligence exercise in respect of its proposed acquisition of an interest in a 67 km gas pipeline operated under a JV arrangement with the NNPC.

EDUCATION & SUMMARY OF QUALIFICATIONS:

2017: Diploma of the Chartered Institute of Arbitrators UK in Domestic Arbitration.

2002 – 2003: Nigerian Law School, Bwari, Abuja

B.L Barrister at Law 2nd Class (Upper Division)

1997 – 2002: Ogun State University, Ago-Iwoye, Ogun State LL.B
Bachelor of Law 2nd Class (Lower Division)

APPOINTMENTS:

2017: Fellow, Chartered Institute of Arbitrators (UK)

2012: Notary Public

PROFESSIONAL MEMBERSHIPS:

Chartered Institute of Arbitrators, United Kingdom International Bar Association (IBA)

Nigerian Bar Association (NBA)

	<p>SPEAKING ENGAGEMENTS:</p> <p>Facilitated trainings on arbitration and alternative dispute resolution at the Nigerian Institute of Advanced Legal Studies (2016 & 2017); University of Lagos ADR Society (2014, 2015, 2016); Babcock University (2018)</p> <p>REFERENCES</p> <p>1)Dr. Omogbai Omo-Eboh, FCIArb, Chartered Arbitrator Principal Partner, O. Omo-Eboh & Co</p> <p>2, Macarthy Street Ilupeju</p> <p>Lagos.</p>
<p>ITB 48.1</p>	<p>The procedures for making a Procurement-related Complaint are detailed in the “Procurement Regulations for IPF Borrowers (Annex III).” If a Bidder wishes to make a Procurement-related Complaint, the Bidder should submit its complaint following these procedures, in writing (by the quickest means available, that is either by email or fax), to:</p> <p>For the attention: Mr. Utsu Linus Adie</p> <p>Title/position: Project Coordinator</p> <p>Employer: Mineral Sector Support for Economic Diversification (MINDIVER) Project</p> <p>Email address: mindiver@fmmsd.gov.ng/uladie2001@yahoo.uk</p> <p>In summary, a Procurement-related Complaint may challenge any of the following:</p> <ol style="list-style-type: none"> 1. the terms of the Bidding Documents; and 2. the Employer’s decision to award the contract.

Section III

Evaluation and Qualification Criteria

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The Employer shall use the criteria and methodologies listed in this Section to evaluate Bids. By applying these criteria and methodologies, the Employer shall determine the Most Advantageous Bid. This is the Bid that has been determined to be:

- (a) substantially responsive to the bidding document, and
- (b) the lowest evaluated cost.

1. Evaluation (ITB 35.2(f)): NA

1.1 Adequacy of Technical Proposal

Evaluation of the Bidder's Technical Proposal will include an assessment of the Bidder's technical capacity to mobilize key equipment and personnel for the contract consistent with its proposal regarding work methods, scheduling, and material sourcing in sufficient detail and fully in accordance with the requirements stipulated in Section VII, Employer's Requirements.

1.2 Multiple Contracts- NOT APPLICABLE

1.3 Alternative Times for Completion: NOT APPLICABLE

1.4 Alternative Technical Solutions for specified parts of the Services

If permitted under ITB 14.3, will be evaluated as follows: **Not Applicable**

1.5 Sustainable procurement: Not Applicable

2. Qualification

If the Employer has not undertaken prequalification of potential Bidders, all Bidders shall include the following information and documents with their Bids:

- (a) copies of original documents defining the constitution or legal status, place of registration, and principal place of business; written power of attorney of the signatory of the Bid to commit the Bidder;
- (b) total monetary value of Services performed for each of the last Ten years;

Project name and country	Name of Employer and contact person	Type of Services provided and year of completion	Value of contract

- (c) experience in Services of a similar nature and size for each of the last five years, and details of Services under way or contractually committed; and names and address of clients who may be contacted for further information on those contracts;

Project name and country	Name of employer and contact person	Type of Services provided and year of completion	Value of contract

- (d) list of major items of equipment proposed to carry out the Contract;

Item of equipment	Description, make, and age (years)	Condition (new, good, poor) and number available	Owned, leased (from whom?), or to be purchased (from whom?)

- (e) qualifications and experience of key site management and technical personnel proposed for the Contract;

Position	Name	Years of experience (general)	Years of experience in proposed position

- (f) reports on the financial standing of the Bidder, such as profit and loss statements and auditor's reports for the past five years;
- (g) evidence of adequacy of working capital for this Contract (access to line(s) of credit and availability of other financial resources);
- (h) authority to the Employer to seek references from the Bidder's bankers;
- (i) information regarding any litigation, current or during the last five years, in which the Bidder is involved, the parties concerned, and disputed amount;

Other party(ies)	Cause of dispute	Details of litigation award	Amount involved

- (j) proposals for subcontracting components of the Services amounting to more than 10 percent of the Contract Price.

Sections of the Services	Value of subcontract	Subcontractor (name and address)	Experience in providing similar Services

Bids submitted by a joint venture of two or more firms as members shall comply with the following requirements, unless otherwise stated **below**:

- (a) the Bid shall include all the information listed above for each joint venture member;
- (b) the Bid shall be signed so as to be legally binding on all members;
- (c) the Bid shall include a copy of the agreement entered into by the joint venture members defining the division of assignments to each member and establishing that all members shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms; alternatively, a Letter of Intent to execute a joint venture agreement in the event of a successful Bid shall be signed by all members and submitted with the Bid, together with a copy of the proposed agreement;
- (d) one of the members shall be nominated as being in charge, authorized to incur liabilities, and receive instructions for and on behalf of any and all members of the joint venture; and
- (e) the execution of the entire Contract, including payment, shall be done exclusively with the member in charge.

To qualify for award of the Contract, Bidders shall meet the following minimum qualifying criteria:

- (a) annual volume of Services of at least the amount specified **below**;
- (b) experience as service provider in the provision of at least two service contracts of a nature and complexity equivalent to the Services over the last 5 years (to comply with this requirement, Services contracts cited should be at least 70 percent complete) as specified **below**;
- (c) proposals for the timely acquisition (own, lease, hire, etc.) of the essential equipment listed **in below**;
- (d) a Contract Manager with five years' experience in Services of an equivalent nature and volume, including no less than three years as Manager; and
- (e) liquid assets and/or credit facilities, net of other contractual commitments and exclusive of any advance payments which may be made under the Contract, of no less than the amount specified **below**.

A consistent history of litigation or arbitration awards against the Applicant or any member of a Joint Venture may result in disqualification.

Qualification Requirements

Joint Ventures	<p>The information needed for Bids submitted by joint ventures is as follows:</p> <ul style="list-style-type: none"> (a) a copy of the Joint Venture Agreement entered into by all members. Alternatively, a letter of intent to execute a Joint Venture Agreement in the event of a successful Bid shall be signed by all members and submitted with the Bid, together with a copy of the proposed Agreement. <p>Bids submitted by a joint venture of two or more firms as partners shall comply with the following requirements, unless otherwise stated in the BDS:</p> <ul style="list-style-type: none"> (a) the Bid shall include all the information listed in ITB Sub-Clause 12.1 above for each joint venture partner; (b) the Bid shall be signed so as to be legally binding on all partners; (c) all partners shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms;
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	<p>(d) one of the partners shall be nominated as being in charge, authorized to incur liabilities, and receive instructions for and on behalf of any and all partners of the joint venture; and</p> <p>(e) the execution of the entire Contract, including payment, shall be done exclusively with the partner in charge.</p> <p>(f) a copy of the Joint venture Agreement entered into by the partners shall be submitted with the bid; or a Letter of Intent to execute a joint venture agreement in the event of a successful bid shall be signed by all partners and submitted with the bid, together with a copy of the proposed Agreement.____</p>
Annual Volume	<i>The required minimum accumulated turnover for the successful Bidder within the last five years shall be: Fifteen Million United States Dollars (USD 15,000,000.00) or equivalent</i>
Experience	<p>The experience required to be demonstrated by the Bidder should include as a minimum that the firm has executed during the last 3 years the following’:</p> <p>i. <i>The experience required to be demonstrated by the Bidder should include as a minimum that he has executed at <u>least Two (2) similar projects totaling an accumulation of 1.5 Million line-km of Mag-Rad, within the last 5 years.</u> (minimum of 300,000 Line-km Mag-Rad per year)and atleast one (1) in Africa.</i></p> <p>ii. <i>Proven experienceofthe execution of at least 2 projects flying at least <u>50m ground clearance demonstrating a minimum of 500,000 line kilometer on Airborne Geophysical Survey (Magnetic & Radiometric)</u> within the <u>last 5 years.</u> Client certification will be provided for confirmation that the project were flown at 50m height from the ground, (Pilot capability for “dropping”)</i></p> <p>iii. <i>A minimum of 4 projects within the last 5 years having at least <u>250,000 Line-Km per project.</u></i></p>
Essential Equipment	<p>The essential equipment to be made available for the Contract by the successful Bidder shall be:</p> <p>a. <i>A turbine Aircraft certified for Airborne Geophysical (Mag-Rad) scanning of less than 15 years old with ability to fly at 260 km/hr. or less, thereby allowing a magnetic reading density of one reading every 3.7m or less, at a magnetometer sample rate of 20 Hz.</i></p> <p>b. <i>A turbine Aircraft should have an excellent safety record and a high climb rate for steep terrain with at least two high sensitivity</i></p>

	<p>cesium vapour magnetometer on each wing-tip with a sampling interval of 20 Hz and an in-flight sensitivity of 0.01 Nt.</p> <p>c. A base station to include a stand-alone cesium sensor base station magnetometer and a data acquisition system. The base station sensor must be mounted on a non-magnetic tower, at least 2m above the ground, in a magnetically quiet area, away from power lines, roads, electrical equipment and other metal objects, at a location where the field crew can easily check for magnetic storms daily. The recording rate should be 1-2 Hz.</p> <p>d. The airborne radiometric spectrometer should have 1024 channels and at least 32 litres of NaI or equivalent crystal in total. Consultant should stipulate how many litres are upward and downward looking. The 256-channel full spectrum should be measured. A sample rate of 2 Hz or better is required.</p> <p>e. Software from internationally recognized developers for generating DTM's and DSM'S based on Topographic survey data.</p> <p>f. A minimum number of 7 aircrafts & onboard systems available to be mobilised for a Mag-Rad survey</p>
Liquid Assets	<p>The minimum amount of liquid assets and/or credit facilities net of other contractual commitments of the successful Bidder shall be: One Million, Eight Hundred thousand United States Dollars (USD 1,800,000) or equivalent.</p>
Personnel Requirement	<ul style="list-style-type: none"> • Geophysicist for Data Quality Control: Must have an Honours degree in Geophysics with 15 years of experience in both airborne geophysics and data management & processing. The incumbent should have good management and reporting skills, good computer skills, practical experience with project management tool and use of professional software, experience in the quality assurance and quality control as well as international standards in this area; language proficiency - must be fluent in English; • Technical Manager (On-site) survey: Must have between 10-15 years of experience in the management of airborne geophysical data collection, preferably on regional and country-wide surveys. The incumbent should have experience of similar projects implementation, strong technical expertise in the supervision and carrying out works required in this ToR and including a minimum of 2 years of experience of implementation of similar projects in developing countries, experience in the field of capacity building and training of personnel, good computer skills and experience with the professional software, practical experience in the quality

	<p>assurance and quality control of the spatial data as well as international standards in this area; language proficiency - must be fluent in English;</p> <ul style="list-style-type: none"> • Geologist - With, at least, university degree in geology preferably with Ph.D. Degree in relevant area for the assignment and he has at least 10 years of experience in geology, preferably in the preliminary interpretation of magnetic & radiometric surveys. The incumbent has mapping experience at different scales, preferably in a mineral exploration or consulting firm, in Africa and must be fluent in English. • Survey pilots. Must have 1,500 hours of flight-survey experience and at least 300 hours of low level (less than 50m) geophysical survey experience. The Cv must indicate this requirements and be verifiable. The Pilot should have the necessary professional licenses, and experience of Airborne Geophysical Survey for similar projects including in tropical environments, and developing countries; language proficiency - must be fluent in English; • Navigator of the specialised Airborne Geophysical (Mag-Rad) survey aircraft - should have a minimum of 5 years of experience of aerial survey for similar projects and experience in similar operations with the proposed navigation equipment, including the similar projects in tropical environments; language proficiency - must be fluent in English.
Subcontractors	Subcontractors' experience <i>shall not</i> be taken into account.

The figures for each of the members of a joint venture shall be added together to determine the Bidder's compliance with the minimum qualifying criteria of (a), (b) and (e); however, for a joint venture to qualify the member in charge must meet at least 40 percent of those minimum criteria for an individual Bidder and other members at least 25% of the criteria. Failure to comply with this requirement will result in rejection of the joint venture's Bid.

Subcontractors' experience and resources ***will not be taken*** into account in determining the Bidder's compliance with the qualifying criteria, unless otherwise stated in the Qualification Requirements above.

Section IV- Bidding Forms

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Letter of Bid

INSTRUCTIONS TO BIDDERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE DOCUMENT

The Bidder must prepare this Letter of Bid on stationery with its letterhead clearly showing the Bidder's complete name and business address.

Note: All italicized text is to help Bidders in preparing this form.

Date of this Bid submission: *[insert date (as day, month and year) of Bid submission]*

RFB No.: *[insert number of RFB process]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

To: *[insert complete name of Employer]*

- (a) **No reservations:** We have examined and have no reservations to the bidding document, including Addenda issued in accordance with ITB 9;
- (b) **Eligibility:** We meet the eligibility requirements and have no conflict of interest in accordance with ITB 4;
- (c) **Bid-Securing Declaration:** We havenot been suspended nor declared ineligible by the Employer based on execution of a Bid-Securing Declaration or Proposal-Securing Declaration in the Employer's Country in accordance with ITB 4.7;
- (d) **Conformity:** We offer to provide the Non-Consulting Services in conformity with the bidding document of the following: *[insert a brief description of the Non-Consulting Services]*;

- (e) **Bid Price:** The total price of our Bid, excluding any discounts offered in item (f) below is: *[Insert one of the options below as appropriate]*

Option 1, in case of one lot: Total price is: *[insert the total price of the Bid in words and figures, indicating the various amounts and the respective currencies]*;

Or

Option 2, in case of multiple lots: (a) Total price of each lot *[insert the total price of each lot in words and figures, indicating the various amounts and the respective currencies]*; and (b) Total price of all lots (sum of all lots) *[insert the total price of all lots in words and figures, indicating the various amounts and the respective currencies]*;

- (f) **Discounts:** The discounts offered and the methodology for their application are:

- (i) The discounts offered are: *[Specify in detail each discount offered.]*

- (ii) The exact method of calculations to determine the net price after application of discounts is shown below: *[Specify in detail the method that shall be used to apply the discounts]*;
- (g) **Bid Validity Period:** Our Bid shall be valid for the period specified in BDS 19.1 (as amended if applicable) from the date fixed for the Bid submission deadline (specified in BDS 23.1 (as amended if applicable), and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (h) **Performance Security:** If our Bid is accepted, we commit to obtain a Performance Security in accordance with the bidding document;
- (i) **One Bid Per Bidder:** We are not submitting any other Bid(s) as an individual Bidder, and we are not participating in any other Bid(s) as a Joint Venture member or as a subcontractor, and meet the requirements of ITB 4.3, other than alternative Bids submitted in accordance with ITB 14;
- (j) **Suspension and Debarment:** We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the World Bank Group or a debarment imposed by the World Bank Group in accordance with the Agreement for Mutual Enforcement of Debarment Decisions between the World Bank and other development banks. Further, we are not ineligible under the Employer's Country laws or official regulations or pursuant to a decision of the United Nations Security Council;
- (k) **State-owned enterprise or institution:** *[select the appropriate option and delete the other] [We are not a state-owned enterprise or institution] / [We are a state-owned enterprise or institution but meet the requirements of ITB 4.6];*
- (l) **Commissions, gratuities and fees:** We have paid, or will pay the following commissions, gratuities, or fees with respect to the Bidding process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity]*

Name of Recipient	Address	Reason	Amount

(If none has been paid or is to be paid, indicate "none.")

- (m) *[Delete if not appropriate, or amend to suit]* We confirm that we understand the provisions relating to Standstill Period as described in this bidding document and the Procurement Regulations.

- (n) **Binding Contract:** We understand that this Bid, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed;
- (o) **Not Bound to Accept:** We understand that you are not bound to accept the lowest evaluated cost Bid, the Most Advantageous Bid or any other Bid that you may receive; and
- (p) **Fraud and Corruption:** We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf engages in any type of Fraud and Corruption.

Name of the Bidder: *[insert complete name of person signing the Bid]

Name of the person duly authorized to sign the Bid on behalf of the Bidder: **[insert complete name of person duly authorized to sign the Bid]

Title of the person signing the Bid: [insert complete title of the person signing the Bid]

Signature of the person named above: [insert signature of person whose name and capacity are shown above]

Date signed [insert date of signing] **day of** [insert month], [insert year]

Bidder Information Form

[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date: *[insert date (as day, month and year) of Bid submission]*

RFB No.: *[insert number of Bidding process]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

Page _____ of _____ pages

1. Bidder's Name <i>[insert Bidder's legal name]</i>
2. In case of JV, legal name of each member : <i>[insert legal name of each member in JV]</i>
3. Bidder's actual or intended country of registration: <i>[insert actual or intended country of registration]</i>
4. Bidder's year of registration: <i>[insert Bidder's year of registration]</i>
5. Bidder's Address in country of registration: <i>[insert Bidder's legal address in country of registration]</i>
6. Bidder's Authorized Representative Information Name: <i>[insert Authorized Representative's name]</i> Address: <i>[insert Authorized Representative's Address]</i> Telephone/Fax numbers: <i>[insert Authorized Representative's telephone/fax numbers]</i> Email Address: <i>[insert Authorized Representative's email address]</i>
7. Attached are copies of original documents of <i>[check the box(es) of the attached original documents]</i> <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above, in accordance with ITB 4.4. <input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement, in accordance with ITB 4.1. <input type="checkbox"/> In case of state-owned enterprise or institution, in accordance with ITB 4.6 documents establishing: <ul style="list-style-type: none"> • Legal and financial autonomy • Operation under commercial law • Establishing that the Bidder is not under the supervision of the agency of the Employer
8. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership. <i>[If required under BDS ITB 45.1, the successful Bidder shall provide additional information on beneficial ownership, using the Beneficial Ownership Disclosure Form.]</i>

Bidder's JV Members Information Form

[The Bidder shall fill in this Form in accordance with the instructions indicated below. The following table shall be filled in for the Bidder and for each member of a Joint Venture]].

Date: *[insert date (as day, month and year) of Bid submission]*

RFB No.: *[insert number of Bidding process]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

Page _____ of _____ pages

1. Bidder's Name: <i>[insert Bidder's legal name]</i>
2. Bidder's JV Member's name: <i>[insert JV's Member legal name]</i>
3. Bidder's JV Member's country of registration: <i>[insert JV's Member country of registration]</i>
4. Bidder's JV Member's year of registration: <i>[insert JV's Member year of registration]</i>
5. Bidder's JV Member's legal address in country of registration: <i>[insert JV's Member legal address in country of registration]</i>
6. Bidder's JV Member's authorized representative information Name: <i>[insert name of JV's Member authorized representative]</i> Address: <i>[insert address of JV's Member authorized representative]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers of JV's Member authorized representative]</i> Email Address: <i>[insert email address of JV's Member authorized representative]</i>
7. Attached are copies of original documents of <i>[check the box(es) of the attached original documents]</i> <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, in accordance with ITB 4.4. <input type="checkbox"/> In case of a state-owned enterprise or institution, documents establishing legal and financial autonomy, operation in accordance with commercial law, and that they are not under the supervision of the Employer, in accordance with ITB 4.6.
8. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership. <i>[If required under BDS ITB 45.1, the successful Bidder shall provide additional information on beneficial ownership for each JV member using the Beneficial Ownership Disclosure Form.]</i>

Qualification Information

1. Individual Bidders or Individual Members of Joint Ventures

- 1.1 Constitution or legal status of Bidder: *[attach copy]*
- Place of registration: *[insert]*
- Principal place of business: *[insert]*
- Power of attorney of signatory of Bid: *[attach]*
- 1.2 Total annual volume of Services performed in five years, in the internationally traded currency specified **in the BDS**: *[insert]*
- 1.3 Services performed as prime Service Provider on the provision of Services of a similar nature and volume over the last five years. The values should be indicated in the same currency used for Item 1.2 above. Also list details of Services under way or committed, including expected completion date.

Project name and country	Name of employer and contact person	Type of Services provided and year of completion	Value of contract
(a)			
(b)			

- 1.4 Major items of Service Provider's Equipment proposed for carrying out the Services. List all information requested below.

Item of equipment	Description, make, and age (years)	Condition (new, good, poor) and number available	Owned, leased (from whom?), or to be purchased (from whom?)
(a)			
(b)			

- 1.5 Qualifications and experience of key personnel proposed for administration and execution of the Contract. Attach biographical data. Refer to GCC Clause 4.1.

Position	Name	Years of experience (general)	Years of experience in proposed position
(a)			

(b)

- 1.6 Proposed subcontracts and firms involved. Refer to GCC Clause 3.5.

Sections of the Services	Value of subcontract	Subcontractor (name and address)	Experience in providing similar Services
(a)			
(b)			

- 1.7 Financial reports for the last five years: balance sheets, profit and loss statements, auditors' reports, etc. List below and attach copies.
- 1.8 Evidence of access to financial resources to meet the qualification requirements: cash in hand, lines of credit, etc. List below and attach copies of support documents. We certify/confirm that we comply with eligibility requirements as per ITB 4.
- 1.9 Name, address, and telephone, telex, and facsimile numbers of banks that may provide references if contacted by the Employer.
- 1.10 Information regarding any litigation, current or within the last five years, in which the Bidder is or has been involved.

Other party(ies)	Cause of dispute	Details of litigation award	Amount involved
(a)			
(b)			

- 1.11 Statement of compliance with the requirements of ITB 4.2.
- 1.12 Proposed Program (service work method and schedule). Descriptions, drawings, and charts, as necessary, to comply with the requirements of the bidding document.

2. Joint Ventures

- 2.1 The information listed in 1.1 - 1.11 above shall be provided for each member of the joint venture.
- 2.2 The information in 1.12 above shall be provided for the joint venture.
- 2.3 Attach the power of attorney of the signatory(ies) of the Bid authorizing signature of the Bid on behalf of the joint venture.
- 2.4 Attach the Agreement among all members of the joint venture (and which is legally binding on all members), which shows that

- (a) all members shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms;
- (b) one of the members will be nominated as being in charge, authorized to incur liabilities, and receive instructions for and on behalf of any and all members of the joint venture; and
- (c) the execution of the entire Contract, including payment, shall be done exclusively with the member in charge.

3. Additional Requirements

- 3.1 Bidders should provide any additional information required **in the BDS.**

Schedule Forms

*[The Bidder shall fill in these Forms in accordance with the instructions indicated. The list of line items in column 1 of the **Activity Schedules** shall coincide with the List of Non-Consulting Services specified in the Employer's Requirements.]*

Activity Schedule

Currencies in accordance with ITB 16						Date: _____ RFB No: _____ Alternative No: _____ Page N° _____ of _____
1	2	3	4	5	6	7
Service N°	Description of Services	Unit	Delivery Date	Quantity and physical unit	Unit price	Total Price per Service (Col. 5*6)
<i>[insert number of the Service]</i>	<i>[insert name of Services]</i>		<i>[insert delivery date at place of final destination per Service]</i>	<i>[insert number of units]</i>	<i>[insert unit price per unit]</i>	<i>[insert total price per unit]</i>
Total Bid Price						

Name of Bidder *[insert complete name of Bidder]* Signature of Bidder *[signature of person signing the Bid]* Date *[insert date]*

Method Statement

Work Plan

Form of Bid Security **(Bank Guarantee)**

[The bank shall fill in this Bank Guarantee Form in accordance with the instructions indicated.]

[Guarantor letterhead or SWIFT identifier code]

Beneficiary: *[Employer to insert its name and address]*

RFB No.: *[Employer to insert reference number for the Request for Bids]*

Alternative No.: *[Insert identification No if this is a Bid for an alternative]*

Date: *[Insert date of issue]*

BID GUARANTEE No.: *[Insert guarantee reference number]*

Guarantor: *[Insert name and address of place of issue, unless indicated in the letterhead]*

We have been informed that _____ *[insert name of the Bidder, which in the case of a joint venture shall be the name of the joint venture (whether legally constituted or prospective) or the names of all members thereof]* (hereinafter called "the Applicant") has submitted or will submit to the Beneficiary its Bid (hereinafter called "the Bid") for the execution of _____ under Request for Bids No. _____ ("the RFB").

Furthermore, we understand that, according to the Beneficiary's conditions, Bids must be supported by a Bid guarantee.

At the request of the Applicant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of _____ (_____) upon receipt by us of the Beneficiary's complying demand, supported by the Beneficiary's statement, whether in the demand itself or a separate signed document accompanying or identifying the demand, stating that either the Applicant:

- (a) has withdrawn its Bid during the period of Bid validity set forth in the Applicant's Letter of Bid ("the Bid Validity Period"), or any extension thereto provided by the Applicant; or
- (b) having been notified of the acceptance of its Bid by the Beneficiary during the Bid Validity Period or any extension thereto provided by the Applicant, (i) has failed to sign the contract agreement, or (ii) has failed to furnish the performance security, in accordance with the Instructions to Bidders ("ITB") of the Beneficiary's bidding document.

This guarantee will expire: (a) if the Applicant is the successful Bidder, upon our receipt of copies of the Contract agreement signed by the Applicant and the performance security issued to the Beneficiary in relation to such Contract agreement; or (b) if the Applicant is not the successful

Bidder, upon the earlier of (i) our receipt of a copy of the Beneficiary's notification to the Applicant of the results of the Bidding process; or (ii) twenty-eight days after the end of the Bid Validity Period.

Consequently, any demand for payment under this guarantee must be received by us at the office indicated above on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No. 758.

[Signature(s)]

Note: All italicized text is for use in preparing this form and shall be deleted from the final product.

Form of Bid-Securing Declaration

Date: _____

RFB No.: _____

Alternative No.: _____

To:

We, the undersigned, declare that:

We understand that, according to your conditions, Bids must be supported by a Bid-Securing Declaration.

We accept that we will automatically be suspended from being eligible for Bidding, or submitting Proposals in any contract with the Employer for the period of time of _____ starting on _____, if we are in breach of our obligation(s) under the Bid conditions, because we:

- (a) have withdrawn our Bid prior to the expiry date of the Bid validity specified in the Letter of Bid or any extended date provided by us; or
- (b) having been notified of the acceptance of our Bid by the Employer prior to the expiry date of the Bid validity in the Letter of Bid or any extended date provided by us, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security and, if required, the Environmental and Social (ES) Performance Security, in accordance with the ITB 48.

We understand this Bid-Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder; or (ii) twenty-eight days after the expiry date of the Bid validity.

Name of the Bidder* _____

Name of the person duly authorized to sign the Bid on behalf of the Bidder** _____

Title of the person signing the Bid _____

Signature of the person named above _____

Date signed _____ day of _____, _____

*: In the case of the Bid submitted by joint venture specify the name of the Joint Venture as Bidder

** : Person signing the Bid shall have the power of attorney given by the Bidder attached to the Bid

[Note: In case of a Joint Venture, the Bid-Securing Declaration must be in the name of all members to the Joint Venture that submits the Bid.]

Section V - Eligible Countries

Eligibility for the Provision of Goods, Works and Services in Bank-Financed Procurement

In reference to ITB 4.8, for the information of the Bidders, at the present time firms, goods and services from the following countries are excluded from this Bidding process:

Under ITB 4.8 (a) NONE

Under ITB 4.8 (b) *NONE*

Section VI - Fraud and Corruption

(Section VI shall not be modified)

1. Purpose

1.1 The Bank's Anti-Corruption Guidelines and this annex apply with respect to procurement under Bank Investment Project Financing operations.

2. Requirements

2.1 The Bank requires that Borrowers (including beneficiaries of Bank financing); bidders (applicants/proposers), consultants, contractors and suppliers; any sub-contractors, sub-consultants, service providers or suppliers; any agents (whether declared or not); and any of their personnel, observe the highest standard of ethics during the procurement process, selection and contract execution of Bank-financed contracts, and refrain from Fraud and Corruption.

2.2 To this end, the Bank:

a. Defines, for the purposes of this provision, the terms set forth below as follows:

- i. "corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
- ii. "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
- iii. "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
- iv. "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
- v. "obstructive practice" is:

- (a) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or
- (b) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 2.2 e. below.

b. Rejects a proposal for award if the Bank determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or

- indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring misprocurement, if the Bank determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement process, selection and/or execution of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
 - d. Pursuant to the Bank's Anti- Corruption Guidelines and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;¹(ii) to be a nominated² sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
 - e. Requires that a clause be included in bidding/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders (applicants/proposers), consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents personnel, permit the Bank to inspect³ all accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the Bank.

¹ For the avoidance of doubt, a sanctioned party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and bidding, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

² A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

³ Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.

Part II – Employer’s Requirement

Section VII Activity Schedule

1. Project area and technical specifications

The technical requirements and specifications, for the AGS-MagRad including the **Project area** coverage.

2. Project Time Schedule

The estimated project execution period is a maximum of **twenty four (24) months** after the Project Implementation Start Date. The Bidders, however, are free to propose a shorter time for the project Components completion and shorter time for the Implementation Stage of the Project if considered possible.

The Bidder must comply with the Time Schedule of the Project deliverables as below:

No.	Description	Completion time in month from the beginning
1	Mobilization and Inception Period	1st month
2	Acquisition of Mag-Rad Survey and QC/QA of the Data	2 nd to 8 th month
3	Processing, Production of Geophysical Maps (first stage), Preliminary Interpretation, Digital Elevation Models and Graphs and internal	9 th to 12 th month
4	Training, ground truthing and interpretation	13 th to 16 th month
5	Re-processin of datasets, Report writing, Peer Review	17 th to 21 th month
6	Submission of Final Geophysical & Interpretation Maps and Final Report (<i>Project closure</i>)	22 nd 24 th Month

1. Price Schedule

The price schedule (Bill of Quantities) is provided in the table below. Please refer below to the “Bill of Quantities” for more details regarding the form requirements.

No	Products description	Unit	Quantity (approx.)
1	Block-1 (Northern and Central Zones) - Airborne Magnetic s& Radiometric Survey (50m Ground clearance, 150m line spacing and 1500m tie line spacing)	Line - km.	645.209
2	Block -2: (Western & Southern Zones) Airborne Magnetic & Radiometric survey (50m Ground clearance, 100m line spacing and 1000m tie line spacing)	Line.km.	822.228
3	Block-3: (Eastern Zone) – Airborne Magnetic & Radiometric Survey at (50m Ground clearance, 200m line spacing and 2000m tie line spacing	Line.km.	437.052

4	Training and Capacity Building	People	20
5	Interpretation report and its related maps Preliminary geological interpretation (general) and selected Proof-of-Concept sites (detailed) -target areas. Scales 1:100K, and PoC at 1:100k		
6	Metadata for AS Mag, AS Rad and Digital Elevation Model covering the 3 Blocks	Data set	3

TECHNICAL SPECIFICATIONS AND REQUIREMENTS

The chapter includes detailed requirements and specifications for the project deliverables including the product and document deliverables, the methods of data Quality Control and data delivery and acceptance.

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Appendix 1: Project area location

The Main Project Product Deliverables are geospatial data sets of Total Magnetic field intensity, measured Magnetic gradient/radiometrics data (U,Th, K) and all the derivatives as well as digital topographic data of the project area. The main Product Deliverables include:

Magnetic data (Total magnetic Field Intensity and measured Magnetic Horizontal Gradient)

The processed digital data will be delivered as two copies on CD-ROM or DVD. The line data will be delivered in the Geosoft Montaj gdb format. Full descriptions of the digital data formats will be included in the final report and as text files on each CD-ROM. The data will need to be recorded in Lat/Long as well as both UTM31N and UTM32N using the WGS84 datum.

Magnetic digital data will include the following for each sample point along line:

- Easting (metres) UTM31 and UTM32, WGS84
- Northing (metres) UTM31 and UTM 32, WGS84
- Longitude
- Latitude
- date (DDMMYY)
- time (local)
- flight number
- line number
- fiducial
- raw magnetic data (nT) for each sensor
- heading corrected data (nT) for each sensor
- measured horizontal gradient
- diurnally corrected and tie-line levelled magnetic data (nT)
- horizontal gradient-enhanced levelled magnetic data
- final micro-levelled magnetic data (TMI)
- final horizontal gradient-enhanced magnetic data (TMI)
- GPS height at sensor (metres)
- corrected radar altimeter height at sensor (metres)
- calculated digital terrain

Radiometric Data

Radiometric Digital Data will include the following for each sample point along line, in a separate Oasis Montaj database. The database will include all of the UTM and Lat/Long locational information as for the magnetics database, as well as:

- Dose rate
- Percent Potassium
- Equivalent Uranium

- Equivalent Thorium
- Thorium/Potassium Ratio
- Uranium/Potassium Ratio
- Uranium/Thorium Ratio

For the radiometric data, the digital data will also include the full 1024 channel radiometric recordings plus data from the upward looking crystal.

Also required in order to process 1024 channel data are:

- Radon spectrum
- Height Attenuation Coefficients for TC, K, U, Th,
- Radon Stripping Coefficients for TC, K, U, Th,
- Live time channel.

Base Station Data

Base station data will also be included in the data set, in Geosoft or ASCII format (date, time, TMI), with the GPS location of the base station noted in the header.

Final Standard Products

Final standard digital (Geosoft) maps at 1:100,000 and at 1:250,000 scale and Geosoft grids will be delivered as two copies on CD-ROM or DVD.

- Colour TMI with contours map;
- Colour RTP with contours map;
- Colour RTP-1VD map;
- Colour analytical signal map;
- Shaded relief measured horizontal gradient map;
- Shaded relief calculated in-line horizontal gradient map;
- Colour tilt-angle derivative map;
- 1st and 2nd calculated vertical gradient maps;
- Dose rate map
- Percent Potassium map
- Equivalent Uranium concentration map
- Equivalent Thorium concentration map
- Thorium over Potassium ratio map
- Uranium over Potassium ratio map
- Uranium over Thorium ratio map
- Ternary radiometric map
- Digital terrain map (derived from the radar altimeter and GPS height)

Full descriptions of the digital data formats will be included in the final report and as text files on each CD-ROM.

NOTE: The line direction in which the survey area is scanned by the flight-lines will need to be adequately selected and justified. This is key in order to minimize the risk of losing small anomalies between flight-lines. It will be recommended to “orient lines” normal to any “predominant geological strike direction” in the survey area, after careful analysis of the prominent geological features.

1.1 Component 1: Airborne Geophysical Survey (Magnetic & Radiometric) -AGS-MagRad

1.1.1 General product description

This Component include the Airborne Geophysical Survey (Magnetic & Radiometric) -AGS-MagRad as per requirements of this Chapter below.

1.1.2 Product quantities

The specified areas shall be covered by high resolution airborne survey.

No	Products description	Unit	Quantity (approx.)
1	Block-1 (Northern and Central Zones) - Airborne Magnetic s& Radiometric Survey (50m Ground clearance, 150m line spacing and 1500m tie line spacing)	Line - km.	645.209
2	Block -2: (Western & Southern Zones) Airborne Magnetic & Radiometric survey (50m Ground clearance, 100m line spacing and 1000m tie line spacing)	Line.km.	822.228
3	Block-3: (Eastern Zone) – Airborne Magnetic & Radiometric Survey at (50m Ground clearance, 200m line spacing and 2000m tie line spacing)	Line.km.	437.052
4	Training and Capacity Building	People	20
5	Interpretation report and its related maps Preliminary geological interpretation (general) and selected Proof-of-Concept sites (detailed) -target areas. Scales 1:100k and PoC at 1:50k		
6	Metadata for AS Mag, AS Rad and Digital Elevation Model covering the 3 Blocks	Data set	3

1.1.3 The project area coverage

1.2 The area for Airborne Geophysical Survey (Magnetics and Radiometric) covers:

T. Clearance:50m	Area: sq km	Survey: Line-km
Block-1 (150m)	87983	645209
Block-2 (100m)	74748	822228
Block-3 (200m)	79464	437052
Total	242,195	1,904,489

1.2.1 The area for Airborne Geophysical Survey (Magnetics and Radiometric) covers about 242,195 km² equivalent to 1,904,489 line-km. The boundaries of the project area blocks are provided in Appendix 1 and 2

1.2.2

Appendix 1: Project area location

Priority areas, BLOCKS for Expression of Interest (Tender)

The Nigerian area covered by the whole survey is **242 195 sq. Km** and is equivalent to **1,904,489 Line km** and comprises all Proof of Concept concession. The areas are subdivided according to the following priorities.

Block 1 = 87,983 sq. km; Line km=645,209

Northern + Central Zones → approx. 110 sheets (TLM50)

Block 2 = 74,748 sq. km; Line km=822,228

Western + Southern Zones → approx. 122 sheets (TLM50)

Block 3 = 79,464 sq. km; Line km=437,052

Eastern Zone → approx. 149 sheets (TLM50)

See Attached 1 for key plan and details of the location of Areas A1, A2, B1, B2, B3, B4, C1, D1, D2, D3, D4 and S2. A list of polygon vertices for these areas (**ANNEX-1**)

	Zone	Area	Área Km ²
BLOCK 1 (Spacing 150m)	Northern	A1	45,096
		A2	16,702
	Central	C1	19,036
		E1	5,355
		E2	1794
BLOCK 2 (100m spacing)	Western	B1	13,813
		B2	13,034
		B3	4,602
		B4	3,434
	Southern	S2	5,384
		E3	1934
		E5	16645
		E7	15902
BLOCK 3 200m spacing	Eastern	D1	13,087
		D2	3,835
		D3	9,902
		D4	14,192
		E4	29,679
		E6	8,769
	TOTAL	TOTAL	<u>242,195</u>

The AGS (MagRad) will be references in geographical terms to topo-sheets (MGCP standard) to be produced .

NOTE: in parallel to this AGS (MagRad) a topographic mapping will be undertaken as a “separate project” using a standard format called MGCP and covering approx. 381 map sheets.

EQUIPMENT AND AIRCRAFT CHARACTERISTICS /SPECIFICATIONS

The contracting company shall explain the technical approach and list of equipment/software to be used including all aircrafts certificates. The contracting company should also demonstrate their ability to complete the task within the required timeframe.

A minimum of seven **(7) aircrafts will be required** for the assignment. Any bidder/company proposing less number of aircrafts will be discarded for the Mag-Rad work assignment as it will have lower productivity to complete the work in the assigned timeframe.

- Aircraft speed should be 260 km/h or less, allowing a magnetic reading density of one reading every 3.7m or less, at a magnetometer sample rate of 20 Hz
- Aircraft should have an excellent safety record, and a high climb rate for steep terrain
- Two high-sensitivity cesium vapour magnetometers on each wing-tip should be utilised, with a sampling interval of 20 Hz and an in-flight sensitivity of 0.02 nT. The horizontal gradient should be measured.
- The airborne radiometric spectrometer should have 1024 channels and at least 32 litres of NaI or equivalent crystals in total. Consultant should stipulate how many litres are upward and downward looking. The 256 channel full spectrum should be measured. A sample rate of 2 Hz or better is required.
- The base station must include a stand-alone cesium-sensor base station magnetometer and a data acquisition system. The base station sensor must be mounted on a non-magnetic tower, at least 2m above the ground, in a magnetically quiet area, away from power lines, roads, electrical equipment and other metal objects, at a location where the field crew can easily check for magnetic storms daily. The recording rate should be 1-2 Hz.
- A real-time differentially-corrected GPS system should provide in-flight navigation control with a full screen display in front of the pilot to direct the flight. This system should determine the absolute position of the aircraft in three dimensions. The positional accuracy should be less than 2 m and the sample rate should be 20 Hz.
- A high sensitivity radar altimeter system should record the ground clearance to an accuracy of less than 1 m at a reading rate of 20 Hz.
- A barometer and temperature sensor should be utilised to record the pressure and temperature.
- Multiple survey bases can be used throughout the country.

AIRCRAFT SAFETY AND MAINTAINANCE

- The Consultant /Bidder must be an accredited member of IAGSA. Consultants must supply their own aircraft maintenance crew if not available in-country, and maintenance schedules must be strictly adhered to. Consultants must supply and transport their own fuel. The aircraft pilot and aircraft maintenance engineer are primarily responsible for ensuring the proper handling of the fuel and environmental concerns, while secondary responsibility for this will rest with the project geophysicist. Fuel will be handled in a responsible manner during transporting, storage and transferring to the aircraft. Appropriate absorbent material will be on hand

to collect and contain any accidental spills. A fire extinguisher will be on hand during any fuelling operations. Personnel will be advised on the proper procedures to handle any spill. No unauthorised individuals will be allowed to handle fuel. Any spills will be reported in the weekly report.

- On arrival at each new survey base, a Risk Analysis will be conducted and a site-specific Emergency Response Plan (ERP) prepared by the Project Manager and posted in the field office. All crew members must be briefed upon project start up and crew rotation. The Risk Analysis is intended to identify any potential problems. Consultants should have worldwide professional liability insurance and public liability insurance covering the survey in question.

EXPERTISE REQUIRED BY THE BIDDER'S IMPLEMENTATION TEAM

The following key personnel are recommended:

- **Geophysicist for Data Quality Control:** Must have an Honours degree in Geophysics with 15 years of experience in both airborne geophysics and data management & processing
The incumbent should have good management and reporting skills, good computer skills, practical experience with project management tool and use of professional software, experience in the quality assurance and quality control as well as international standards in this area; language proficiency - must be fluent in English;
- **Technical Manager (On-site) survey:** Must have between 10-15 years of experience in the management of airborne geophysical data collection, preferably on regional and country-wide surveys. The incumbent should have experience of similar projects implementation, strong technical expertise in the supervision and carrying out works required in this ToR and including a minimum of 2 years of experience of implementation of similar projects in developing countries, experience in the field of capacity building and training of personnel, good computer skills and experience with the professional software, practical experience in the quality assurance and quality control of the spatial data as well as international standards in this area; language proficiency - must be fluent in English;
- **Geologist** - With, at least, university degree in geology preferably with Ph.D. Degree in relevant area for the assignment and he has at least 10 years of experience in geology, preferably in the preliminary interpretation of magnetic & radiometric surveys. The incumbent has mapping experience at different scales, preferably in a mineral exploration or consulting firm, in Africa and must be fluent in English.
- **Survey pilots.** Must have 1,500 hours of flight-survey experience and at least 300 hours of low level (less than 50m) geophysical survey experience. The Cv must indicate this requirements and be verifiable. The Pilot should have the necessary professional licenses, and experience of Airborne Geophysical Survey for similar projects including in tropical environments, and developing countries; language proficiency - must be fluent in English;

- **Navigator of the specialised Airborne Geophysical (Mag-Rad) survey aircraft** - should have a minimum of 5 years of experience of aerial survey for similar projects and experience in similar operations with the proposed navigation equipment, including the similar projects in tropical environments; language proficiency - must be fluent in English.

TRAINING AND CAPACITY BUILDING

The Service Provider shall ensure Capacity Building for the Employer's personnel in order to use delivered data in the most effective way.

The capacity building will include the training courses, seminars, workshops and on the job training.

The Bidder should propose the Training and Capacity Building Program and Plan in the Bid Technical Proposal based on its experience of similar projects implementation.

The Program and Plan shall be updated at the Project Inception Stage based on the additional training needs assessment and submitted to the Employer for approval. The training and capacity building shall be carried out as per approved Program and Plan.

In general the estimated 20 NGSAs geoscientists indicated by the Employer should be trained. The seminar and the workshop will be held at approved locations indicated by the Employer.

The training should include at least the following subjects:

- a) Application of the processed delivered data.
- b) Data interpretation especially taking into consideration the main project purposes. This should include techniques of modeling of target body to determine anomaly geometry, i.e. attitude, shape, size and depth of burial.
- c) Other application of the project data for other purposes taking into consideration the newest tendency in mineral exploration.

The training course is estimated to be about 30 working days (two training courses estimated). The seminar shall take not more than 2 day (seminars at the completion of each project component for the main stakeholders) whilst workshop about 2 working days (at the final project acceptances stage for main stakeholders). The Bidder can propose improved program based on his experience of similar projects.

ESTIMATED PROJECT IMPLEMENTATION SCHEDULE

The Service Provider must deliver all of data for the 24 months after signing of the agreement.

Table 1: Schedule for the survey areas

No	Stage Name	Completion Time (months, starting from the project effective date)
1	Mobilization and Inception Period	1 st to 2 nd month
2	Acquisition of Mag-Rad Survey and QA/QC	3 rd to 8 th month
3	Processing, Production of Geophysical Maps (first stage), Preliminary Interpretation, Digital Elevation Models and Graphs	9 th to 12 th month
4	Training, ground truthing and interpretation	13 th to 16 th month
5	Re-processin of datasets, Report writing, Peer Review and	17 th to 21 th month
6	Submission of Final Geophysical & Interpretation Maps and Final Report (Project closure)	22 nd to 24 th month

BILL OF QUANTITIES

Table 5: Bill of quantities (BOQ)

No	Products description	Unit	Quantity (approx.)	Rate in USD	Amount in USD
1	Block-1 (Northern and Central Zones) - Airborne Magnetic s& Radiometric Survey (50m Ground clearance, 150m line spacing and 1500m tie line spacing)	Line - km.	645.209		
2	Block -2: (Western & Southern Zones) Airborne Magnetic & Radiometric survey (50m Ground clearance, 100m line spacing and 1000m tie line spacing)	Line.km.	822.228		
3	Block-3: (Eastern Zone) – Airborne Magnetic & Radiometric Survey at (50m Ground clearance, 200m line spacing and 2000m tie line spacing)	Line.km.	437.052		
4	Training and Capacity Building	People	20		
5	Interpretation report and its related maps Preliminary geological interpretation (general) and selected Proof-of-Concept sites (detailed) -target areas. Scales 1:500K, 1:200k and PoC at 1:50k				
6	Metadata for AS Mag, AS Rad and Digital Elevation Model covering the 3 Blocks	Data set	3		
Total Project Amount					
Total Amount in words					

Note: The rates in the table above should be all inclusive and fixed. The rate includes the cost of all the material, equipment, personnel, organization, project management (including project manager and other key experts), cost of local office, permits, airport services quality control and other procedures and all other and any expenses of the Service Provider necessary to provide the product and services required according to Section VIII of the Bid Documents as well all taxes and duties to be paid by the Service Provider.

1.3 Bid document requirements

The Bidder shall develop and present the Project Technical Proposal Document (PTPD) and Project Financial Proposal Document (PFPD) according to GCC requirements, Section 1: Instruction to Bidders requirements and the additional requirement to the format of documents of this chapter below.

The PTPD and PFPD shall be presented as printed original properly signed and stamped with the Bidder's seal document (hard copy), as well as digital copy of the document that must be identical by the content to the original.

The PTPD may contain more than one volume. The main volume of the PTPD shall contain clear, concise and technically and grammatically checked proposal for the project implementation. Company brochures, description of the experience, samples of data from other countries and any other additional material that is useful for better understanding of Bidder's technical capacity, proposal and approach can be presented in the separate volume of the technical proposal.

Each volume shall be clearly marked in the title page (i.e. indication "Volume 1 of 2") and the size of each volume shall be not more than 200 pages in such case. The page size shall be of the A4 format. Each volume shall have clear and correct page numbering throughout the volume, providing page number and number of pages in the volume.

The textual part in each volume shall be structured with proper headings that shall clearly reflect the content of each chapter in compliance with the ToR. The heading should be not more than five levels. The tables and figures or pictures in each volume shall be properly numbered and the table of picture and table of figures shall be provided after the table of content.

Any figures, diagrams or and layout of the system shall be presented at readable scale on pages of A4 format and when necessary on pages of A3 format if required, properly folded in the hard copy. The digital copy of the Bid Proposal shall contain hyperlink references to the figures and tables as well as other references to the sections or chapters of the document.

The digital copy of PTPD and PFPD shall be presented each as combined file for each volume in Portable Document Format (pdf). The Employer may declare as noncompliant the digital copy submitted as separate files, without hyperlinks, and proper heading links etc. The Table of Contents in digital copy (pdf file) shall include all levels of headings and shall also have the hyperlinks to appropriate heading and chapters allowing quick search of the elements of the documents (text, tables, and pictures).

The pdf file shall be protected with Bidder's password from any changes or modifications with the access restriction to "view", "copy" and "print" only.

The PFPD shall be prepared as per Bid Document requirements and BOQ and it must contain the summary table that shall correspond by the format and content to the BOQ table provided in chapter 0 above.

The Bid Proposal shall respond to all requirements of these specifications and clearly demonstrate the Bidder's technical, technological and human resources capacity to complete the project according to the best international practice and within the time required.

The Bidder must provide detailed descriptions of the essential technical, performance, or other relevant characteristics of all key Technologies, Materials, other Goods, and Services offered in the bid (e.g., version, release, and model numbers). Without providing sufficient clear detail, Bidders run the risk of their bids being declared non-responsive.

To assist in the bid evaluation, the detailed descriptions should be organized and cross-referenced in the same manner as the Bidder's item-by-item commentary on the Technical Requirements. All information provided by cross-reference must, at a minimum, include clear titles and page numbers.

The Bidder must provide an item-by-item commentary on the Employer's Technical Requirements, demonstrating the substantial responsiveness of the project organisation, methodology of planning and execution works and services, applied technology and solutions to complete the project in time and achieve high quality of the product deliverables and services, reporting, product and documents deliverables, training and capacity building and other requirements.

In demonstrating the responsiveness of its bid, the Bidder should use the Technical Responsiveness Checklist. Failure to do so, increases significantly the risk that the Bidder's Technical Bid will be declared technically non-responsive. Among other things, the checklist should contain explicit cross-references to the relevant chapters in the Bidder's Technical Bid.

The Bid Proposal shall also provide the maintenance and calibration certificates for the equipment, list and technical characteristics of available and to be used in the project: aircrafts, equipment, hardware and software as well as list of technical personnel and narrative of its experience to demonstrate the capacity of the Bidder to carry out the project.

The Bid Proposal should also include the proposal of Training and Capacity Building Program according to the requirements above.

The Bid Proposal shall include the list of the project executed by the Bidder during last ten years with the reference to the Employers and their proper contacts. The samples of the digital data (magnetic, radiometrics, DOI, DEM etc.) from previous projects of the Service Provider should be also included demonstrating the Bidder capacity to produce the product.

The Bidder must prepare a Preliminary Project Plan describing, among other, the methods and human and material resources that the Bidder proposes to employ in the design, management, coordination, and execution of all its responsibilities, if awarded the Contract, as well as the planned duration and completion date for each major activity. In addition to the topics and points of emphasis, the Preliminary Project Plan must address the reporting times and dates as well as the assessment of the estimated project risks.

The Preliminary Project Plan must contain the details of the assignment of human and material resources (equipment) to each planned activity, planned productivity, planned time etc. to demonstrate how the Bidder will complete the Project Blocks in time. Without providing sufficient clear detail, Bidders run the risk of their bids being declared non-responsive.

The time of the completion and handing over of main product deliverables to the Employer must comply with the Estimated Project Schedule as per requirements of chapter 8 above. The failure to comply is the risk that the bid may be considered as non-responsive. The Bidder can propose shorter time for the completion of the project deliverables.

The Bidder must demonstrate how and what measures will be applied to mitigate the project risks related with weather and other conditions to complete the deliverables as per required Project Schedule. The Bids that failed to provide such plan may be considered as non-responsive.

The Preliminary Project Plan must also address the topics and points of emphasis specified in the Special Conditions of Contract (SCC) including any additional items stated in the Bid Data Sheet. The Preliminary Project Plan should also state the Bidder's assessment of the major responsibilities of the Employer and any other involved third parties in System supply

and installation, as well as the Bidder's proposed means for coordinating activities by each of the involved parties to avoid delays or interference.

The Bidder must provide a soft copy in excel for the price schedules (BOQ Items) as well as the soft copy of the Project Time Schedule as Gantt Chart, (preferably as .mpp format) showing the assignment of resources and time. The PTPD and PFPD not compliant with the requirements of this ToR will be declared technically non- responsive.

BIDS EVALUATION SCHEMA AND CRITERIA

This Bid Evaluation Schema sets out the procedures that will be followed in the process of bid evaluation. The Bid Evaluation will be done according to the Guidelines on Procurement of Goods, Works, and Non-Consulting Services Under IBRD loans and IDA credits & grants by World Bank borrowers of Jan 2010, revised July 2014.

The Lowest Evaluated Cost Bid evaluation method is selected for this Bid Evaluation (as per paragraph 2.49 part C of the World Bank Guidelines above).

TECHNICAL EVALUATION CRITERIA

1. The Bidder must comply/pass with the following:

- i. Factors detailed in *Table 7: Compliance Factors*;
- ii. All mandatory requirements as detailed below in *Table 8: Mandatory Factors* below

Technical factors listed in the

- iii. *Table 9: Technical Factors* below;

Table 7: Compliance Factors

Factors	Bidder Offer: Comply or Not Comply
Availability of at least 4 certified aircrafts per Block (The bidder can bid for 1, 2 or 3 Blocks) for Airborne Geophysical (Mag-Rad) survey and respective equipment as per (Section VIII	
Availability of equipment hardware and software for Airborne Geophysical (Mag-Rad) survey, data processing (Section VIII)	
Technical Requirements to meet the Specifications of the Deliverables responsiveness and any additional improvement or enhancement on the methodology proposed (Section VIII)	
Training and Capacity Building Program and Plan Requirements (Section VIII)	
Project Quality Assurance and Quality Control Requirements (Section VIII of Bid Document)	
Preliminary Project Implementation Plan, Implementation Schedule and Project Quality Plan (PQP) as per Section VIII requirements	
Compliance of Bid Proposal Documents with Section VIII of Bid Proposal Document requirements	

Project Key Personnel Qualification Requirements (Section VIII of Bid Document)	
Project scope of work, management, organisation, documentation and data confidentiality requirements	

Table 8: Mandatory Factors

Factors	Bidder Offer Comply or not comply
Technical Specifications and availability of at least 7 certified aircrafts for Airborne Geophysical (Mag-Rad) survey and other hardware and equipment as per Section VIII of Bid Document	
General background of the Bidder:	
a) Financial soundness of the Bidder for the undertaking of this Project (SCC requirements);	
(b) Quality Assurance and Quality Control System and Bidder's QA/QC Plan as per requirements of chapter of Section VIII of Bid Document	
(c) Management support systems to guarantee required organisation and completion of the project on a timely basis and within budget	
(d) Relevant experience and availability of key personnel and technical staff in a quantity and professional skills to complete the project blocks in time;	
(e) Experience of similar projects implementation in other developing countries and in tropical environment. The Consultant has executed at least Two (2) similar projects in Africa for a total extension of 2.000,000 line-kilometers of Airborne Geophysical Survey (Magnetism & Radiometrics) during the last 5 years. (f) In addition, the bidder should demonstrate experience in flying at 50m ground clearance having completed a minimum of 1.000.000 line-km in the last 5 years.	
Key Project Personnel and Experts with experience in Africa in similar survey activities. Minimal Requirements compliance as per Section VIII of Bid Document	
Experience of successful implementation of similar magnitude projects in tropical environment and in developing countries as per Section VIII of Bid Document	
English Language proficiency of personnel requirements as per Section VIII of Bid Document;	

Table 9: Technical Factors

Factors	Bidder Offer: Comply or Not Comply
Bid Technical Proposal Compliance with Technical Requirements	
Airborne Geophysical (Mag-Rad) production compliance with the requirements of chapter 4.3 of the Section VIII of Bid Document	
Training capacity for 20 personnel (in two courses Basic & Advanced)	
Provision of a preliminary geological interpretation of the datasets acquired in each Block	
Product Deliverables warranty requirements (Section VIII of Bid Document);	
4. Project Organization and Methodology	
(a) Adherence to proposed implementation time schedule and requirements of the chapter 8 of the Section VIII of Bid Document;	
(b) Project risk management plan and measures to mitigate the risks of aerial surveys delays as per the Section VIII of Bid Document requirements	
5. Document and Service Requirements	
(a) Capacity Building and Training Program requirements as per Section VIII of Bid Document;	
(c) Project Reporting requirements as per Section VIII of Bid Document;	

POST QUALIFICATION AND DEMONSTRATION

1. The Post Qualification and Demonstration is part of the evaluation process and will be carried out prior to award of contract to determine whether or not the lowest evaluated Bidder has the experience, capability and resources to carry out the contract effectively.
2. The Bidder will be invited to demonstrate the results of previous projects and provide documented evidence of the acceptance of the results by the Employer and quality of the results as well as the relevant contacts of previous Employers that will allow verifying the results of the project and performance of the Bidder.
3. The Bidder should also provide documented evidence of its capability to carry out and manage the project within the time, environment and infrastructure conditions and time restriction as per requirements of Section VIII. The Employer, if found necessary, may contact the previous Employers to validate the results presented.
4. The Bidders will be also required to present the samples of the products from previous project preferably in similar environment and terrain conditions. Samples should include the, Digital dataset as well interpretation products including the results of the quality control of the products. A good quality record from previous Mag-Rad projects would give a good indication of performance

5. The Lowest Evaluated Cost Bidder is disqualified on failure to demonstrate the evidence of his capacity and capability to carry out the Project as per time schedule and technical requirements or to demonstrate satisfactory results of the previous project and quality of the sample products. Then, the Employer will invite next Lowest Evaluated Bidder for the Post Qualification Demonstration until one who meets the requirements is found.
6. The Contract will be awarded to the Lowest Evaluated Cost Bidder, who will demonstrate capacity and capability to carry out the project and satisfactorily pass the Post Qualification.

Accept and Reject Criteria

The Product Deliverables will be inspected by the Employer or Inspector for Supervision and Control. All the Project Deliverables will be a subject of the control and acceptance by the Employer. The compliance with the data capturing methodology, and deliverables QAQC procedures carried out by the Service Provider will be checked based on the technical reports, quality control reports and Quality Certificates to be submitted by the Service Provider. The non-compliance with the proposed methodology or established Service Provider QAQC procedures may be the reason for data rejection or request of additional control by the Service Provider at his cost.

The spatial data will be controlled in accordance with “ISO/DIS 19113 Geographic Information – Quality principles” and “ISO/DIS 19114 Geographic Information – Quality evaluation Procedures. The spatial data will be check for logical consistency, correctness of attributes, positional accuracy, and topology. The data topology will be 100% checked using the GIS software tools for the topological check as per requirements and specifications of this Section VIII.

Sampling of the Spatial Data sets will be carried out for estimating the Quality Element/Sub element that cannot be inspected by software. The sampling will be based on ISO 2859 “Sampling procedures for inspection by attributes” and ISO 3951 “Sampling procedures and charts for inspection by variables for percent nonconforming”. If an inspection gives a result (quality measure) that is close to the tolerance, an extended control might be carried out.

All the deliverables shall be provided for the control and acceptance in the digital media and in hard copies as per Section VIII requirements.

The quality control will include a minimal scope as follows:

Table 2: Quality Control scope and requirements

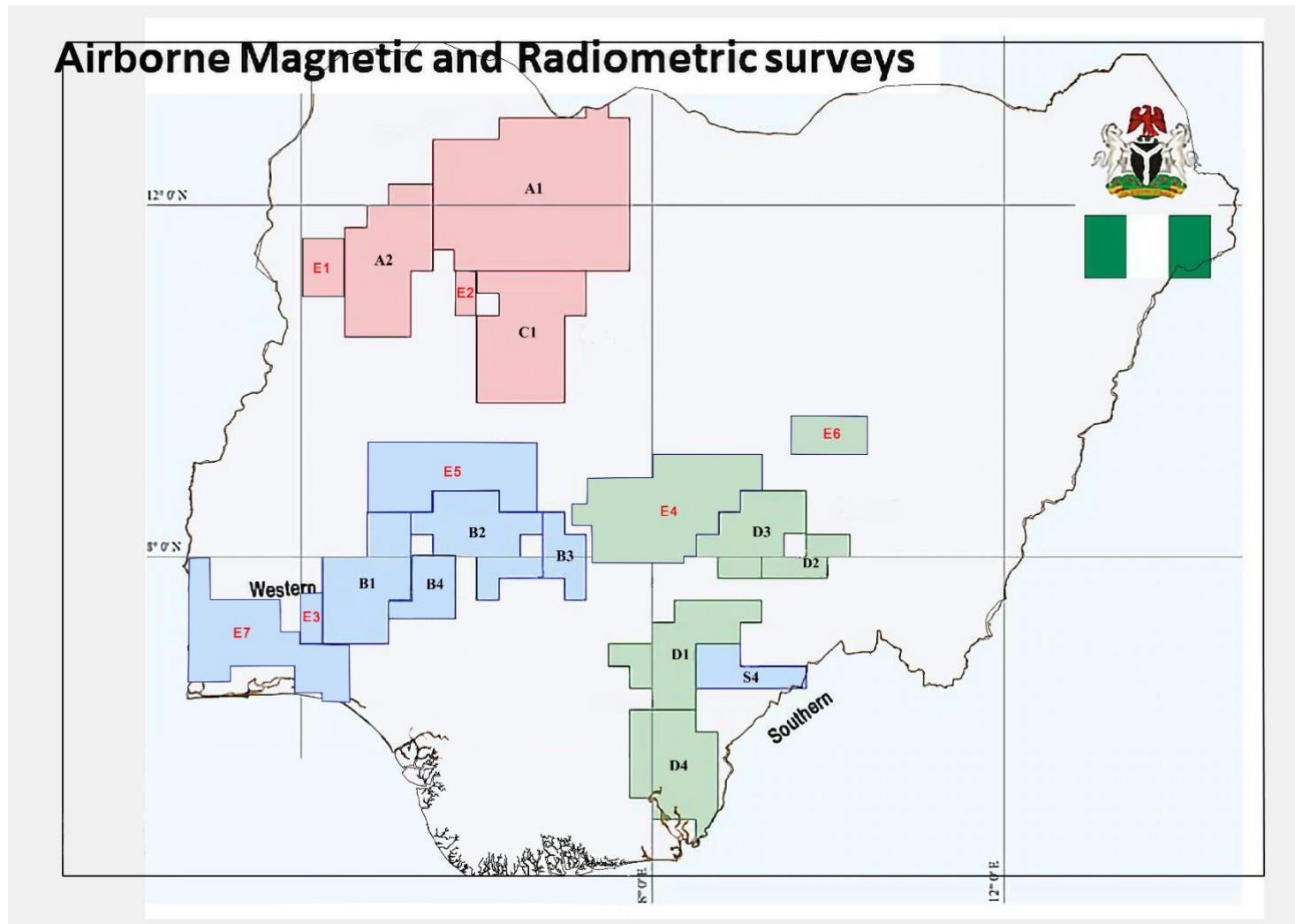
Id	Airborne Geophysical Survey (Mag-Rad) Products	Product acceptance criteria
1	Project Implementation Plan (PIP)	<ul style="list-style-type: none"> - conformance with the requirement of Section VIII; - information about the equipment to be used in the project and its compliance with the Section VIII requirements; - information about the software to be used for the production of project deliverables; - a description of the methodology for developing of project deliverables products; - correctness of the PIP format;
2	Project Quality Plan (PQP)	<p>Compliance of the PQP with the ISO standards requirements;</p> <p>Compliance with the Section VIII requirements;</p> <p>Correctness of terminology;</p> <p>Text checked, properly formatted and free of grammatical errors;</p>

Id	Airborne Geophysical Survey (Mag-Rad) Products	Product acceptance criteria
3	Technical Report and other documents	<p>details of the project Service Provider;</p> <p>description of the organizational structure of the Service Provider;</p> <p>description of the methodology of the deliverables production and information about any technical issues discovered at the production process;</p> <p>information about the equipment and software used in the project for deliverables production;</p> <p>results and completeness of the Quality Control the deliverables by the Service Provider and estimation of the accuracy of the deliverables;</p> <p>Quality Certificates of the deliverables;</p> <p>list of delivered data and compliance with the format requirements;</p> <p>correctness of the terminology used and compliance with the standards;</p> <p>reports must be properly formatted, checked and free of grammatical errors;</p> <p>reports must contain list of abbreviations, used terminology, table of contents with proper headings and hyperlinks to respective chapters, list of table and list of figure etc.;</p>
4	Metadata	<p>metadata is provided for all product deliverables as per Section VIII requirements;</p> <p>the names of metadata files are correct;</p> <p>all metadata files are filled out correctly and in accordance to the Section VIII requirements;</p> <p>the format of metadata complies with the requirements;</p> <p>metadata is free of errors and inconsistencies;</p>
5	Airborne Geophysical Data Acquisition	<ul style="list-style-type: none"> - the Flight Plan compliance with the Section VIII requirements and specifications; - the number of line-km delivered is consistent with the Flight Plan and covers the entire project area; - the proper flight direction was kept; - all technical parameters of the data taken meet the requirements (Error! Reference source not found.) have been met;

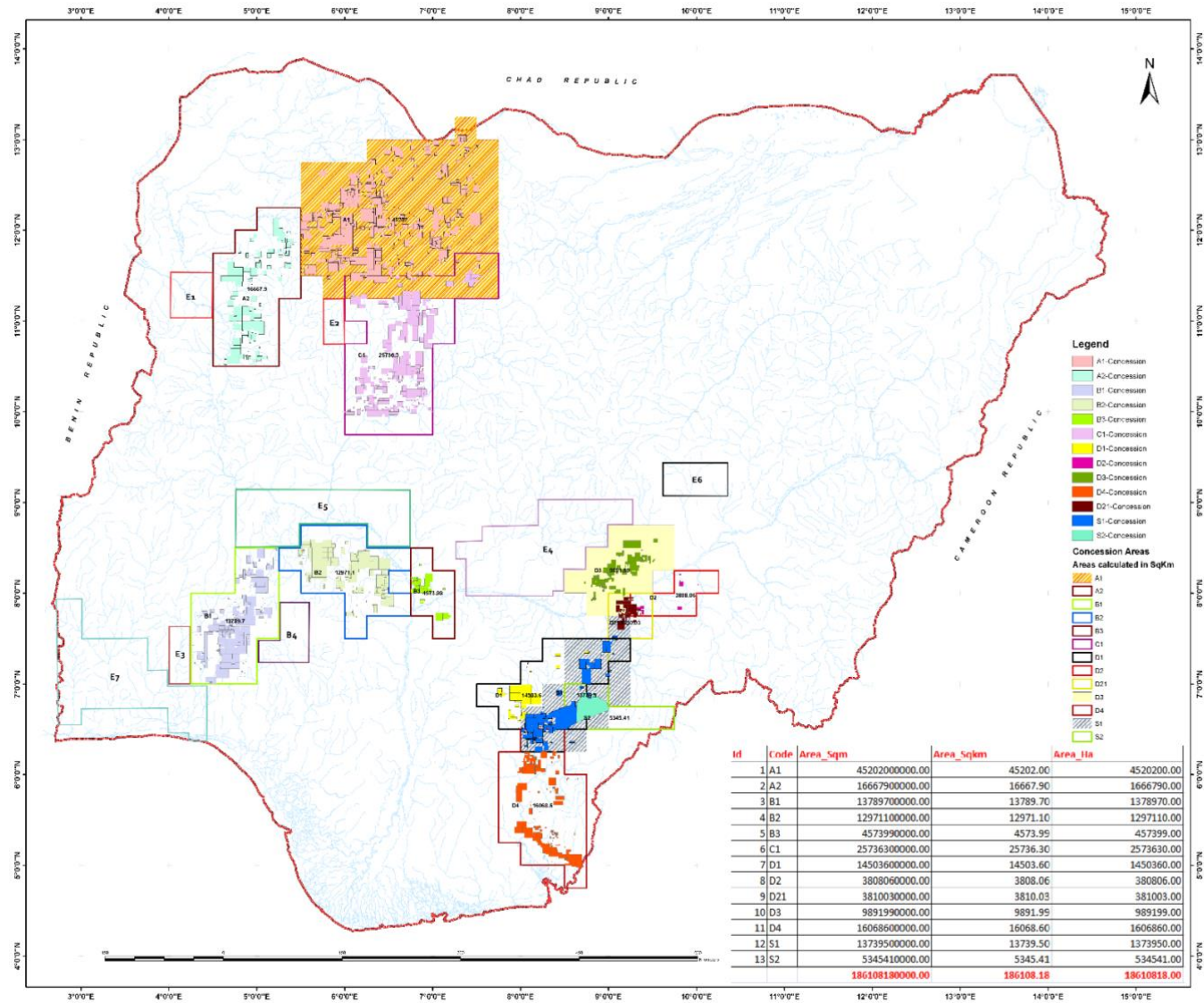
Id	Airborne Geophysical Survey (Mag-Rad) Products	Product acceptance criteria
6	Re- flight Specifications (Non Acceptance)	<p>In all cases, re-flown lines must cross at least 3 tie-lines and will be re-flown at the Consultant's expense.</p> <p>Flight Line Spacing A gap in excess of 120% or less than 80% of the nominal line spacing for a distance of 1000 metres or more, or any gap in excess of 150% or less than 50% of the nominal line spacing, will result in a re-flight at the Consultant's expense. Similarly, if less than 4 satellites are useable.</p> <p>Terrain Clearance A sensor ground clearance deviation in excess of 10 metres of the specified clearance of 50 metres drapage surface for a distance of greater than 1000 metres, with due consideration for crew and aircraft safety having been made, will result in a re-flight at the Consultant's expense.</p> <p>Magnetic Data A noise envelope of greater than ± 0.1 nT, using a normalized 4th-difference for a distance of greater than 1000 metres cumulatively along line for each sensor will result in a re-flight at the Consultant's expense. Culturally induced noise beyond the control of the Consultant is excluded from this specification.</p> <p>Radiometric data. The Full Width Half Mean ratio of the Thorium peak is in excess of 10%, for a distance exceeding 1000 metres, will result in a re-flight at the Consultant's expense.</p> <p>Diurnal data No traverse line data will be accepted within 5 minutes of those periods where the change in the diurnal field exceeds 20 nT per 20 min chord. No data will be accepted where the diurnal exhibits non-linear variation of 10 nT over 10 minutes. No line data will be accepted where the base station recorded magnetometer instrument noise levels are in excess of 2 nT for periods longer than 10 minutes or more, or where the base station has ceased to function for periods of 10 minutes or more. The Consultant shall exercise due care so as to avoid all flying during magnetic storm activity.</p> <p>Missing or sub-standard data: Data will be recorded digitally in the aircraft and by the ground base station. Isolated errors, spikes and short non-sequential gaps consisting of a few points will be corrected by interpolation. Data losses in the magnetic data that exceed 10% of the readings over a 60 second interval will require a re-flight.</p> <p>Sample density: No data will be accepted where the magnetic sample density along one or more survey lines results in an average sample interval that exceeds 3.8 metres for a cumulative total of 1000 metres.</p>

APPENDICES TO TECHNICAL SPECIFICATIONS

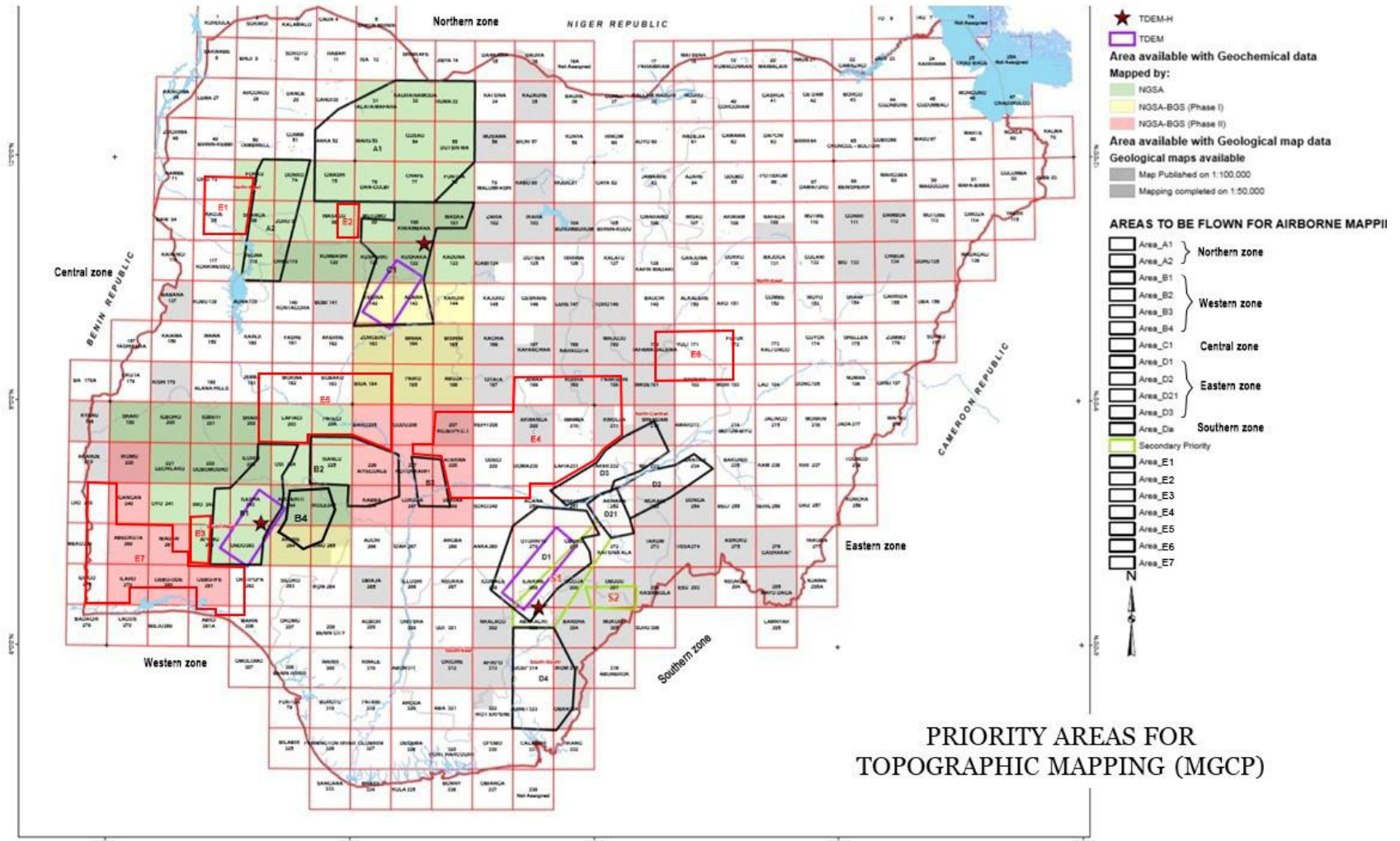
Appendix 1: Project area location

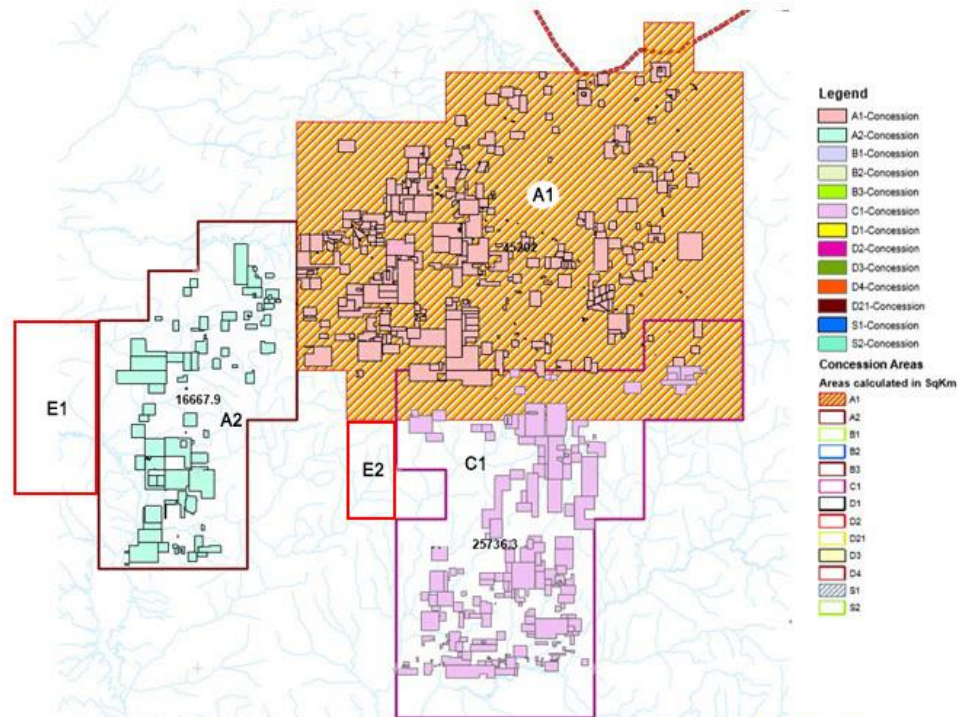


PROOF OF CONCEPT SHOWING CALCULATED AREA FOR CONCESSIONS

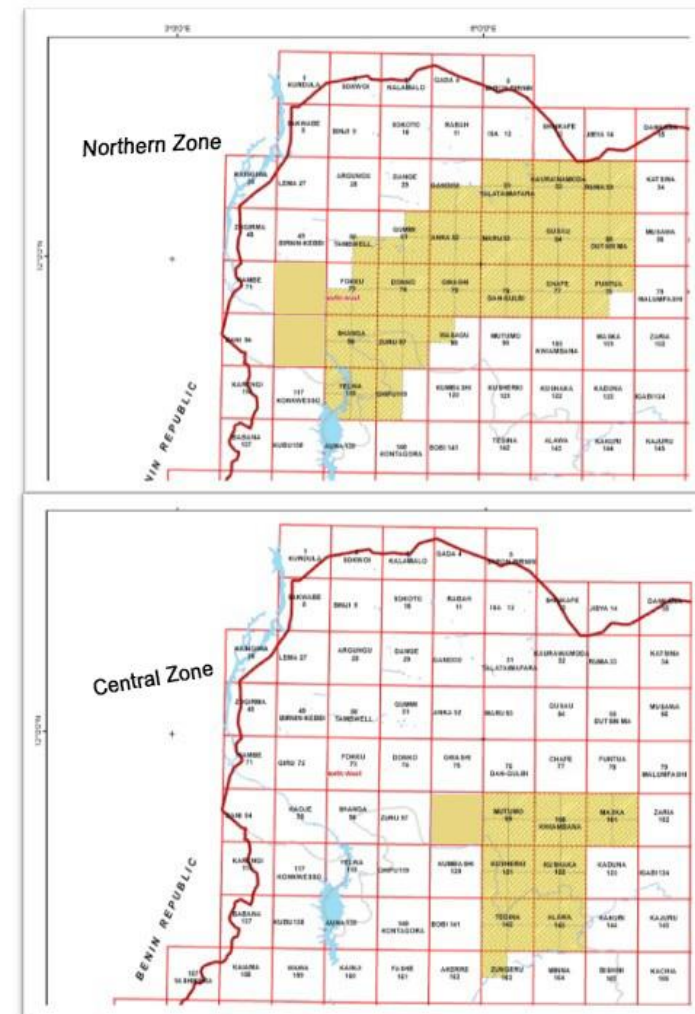


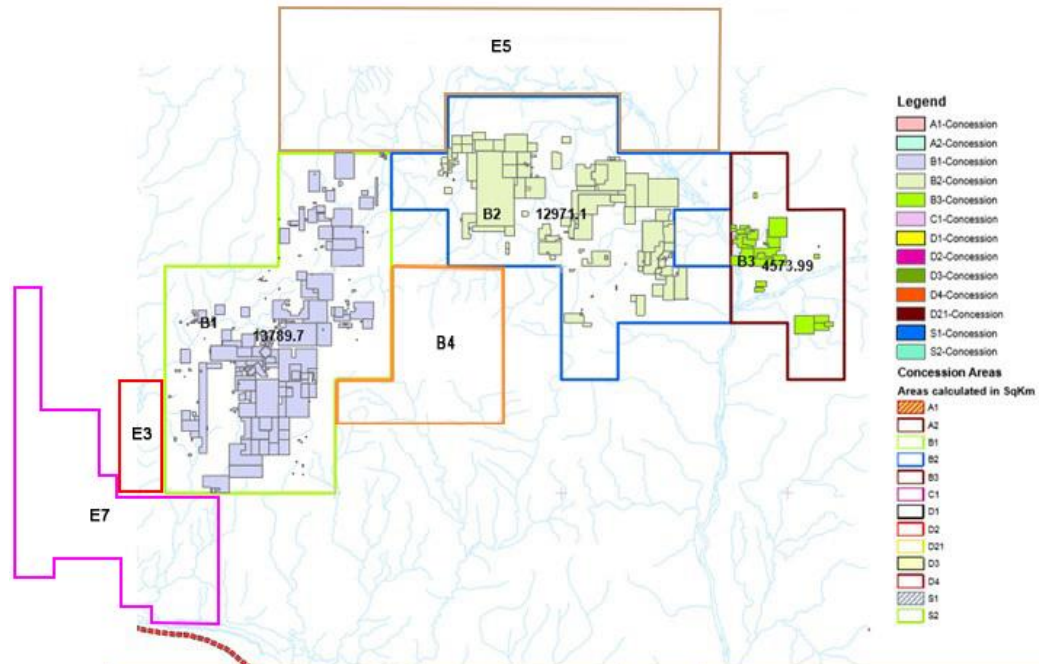
Appendix 2: Coverage of Geological Maps in the survey area



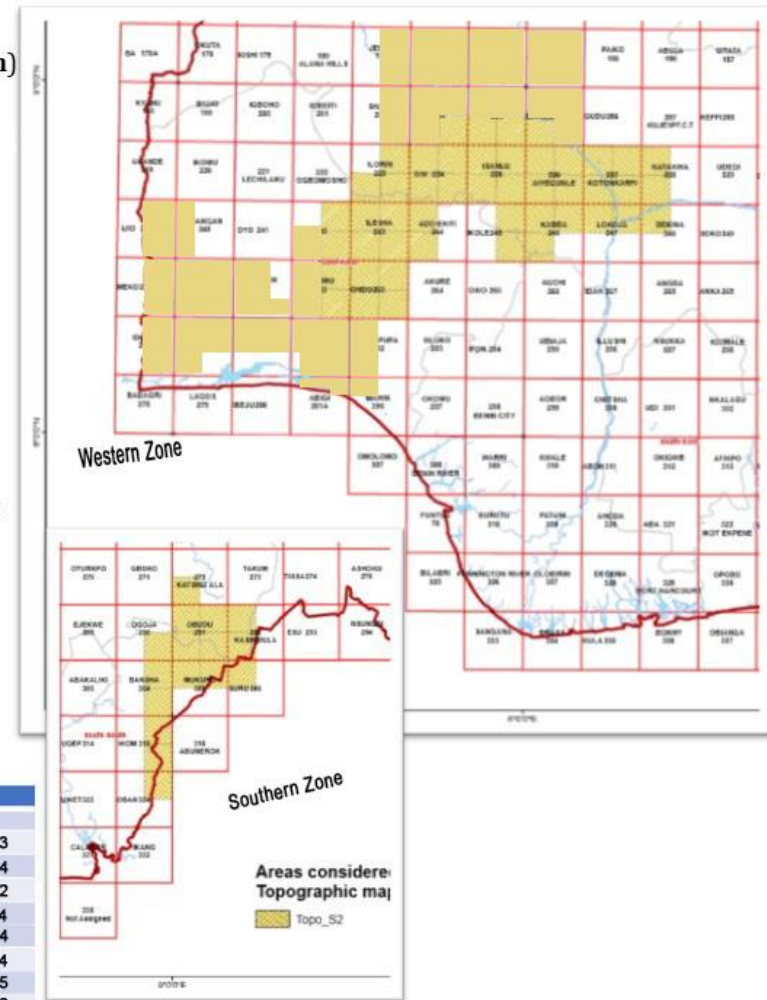
BLOCK-1, OPTION 2 (Flight Line distance: **150 m** and Ground Clearance **50m**)

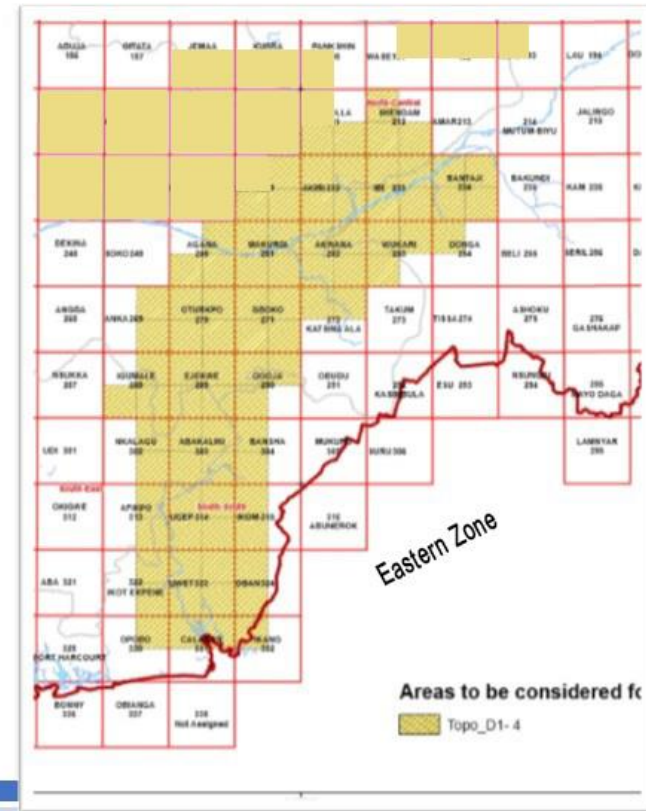
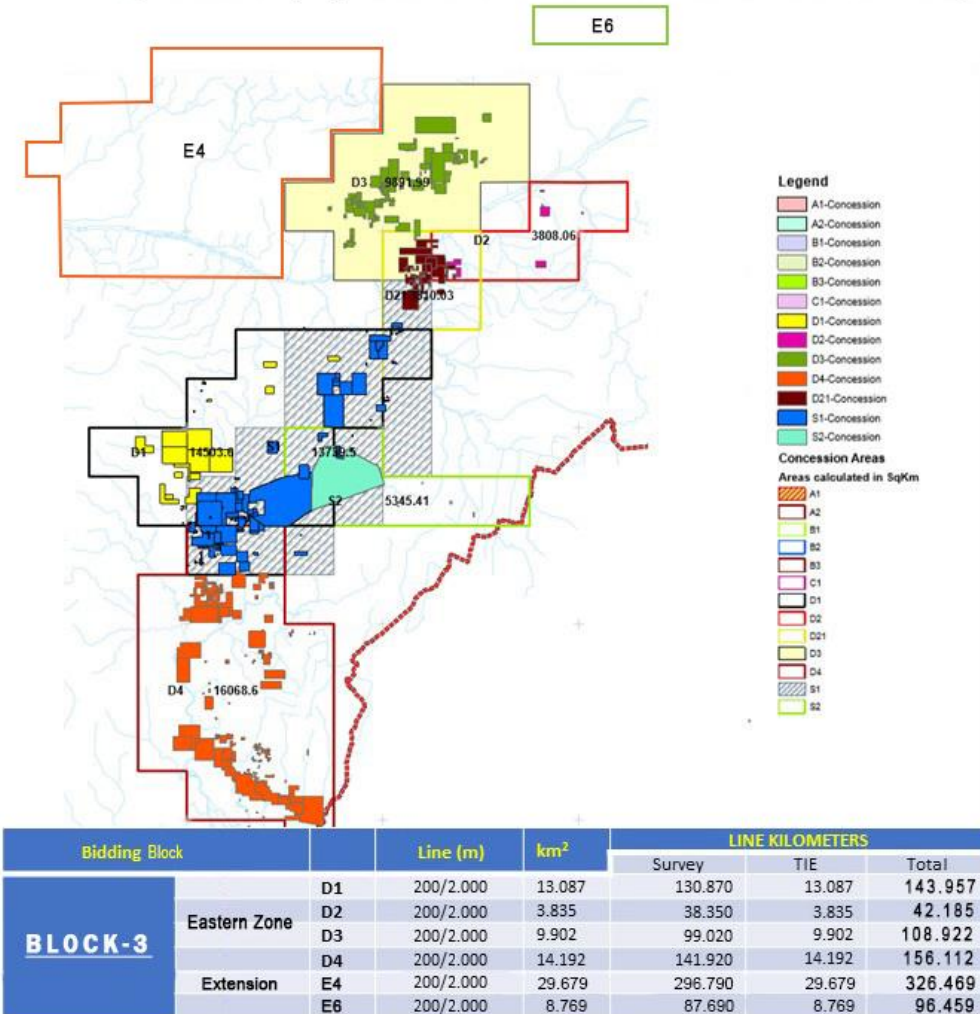
Bidding Block			Line (m)	km ²	LINE KILOMETERS		
					Survey	TIE	Total
BLOCK-1	Northern Zone	A1	150/1.500	45.096	450.960	45.096	496.056
		A2	150/1.500	16.702	167.020	16.702	183.722
	Central Zone	C1	150/1.500	19.036	190.360	19.036	209.396
	Extension	E1	150/1.500	5.355	53.550	5.355	58.905
		E2	150/1.500	1.794	17.940	1.794	19.734



BLOCK-2, OPTION 1 (Flight Line distance: 100 m and Ground Clearance 50m)

Bidding Block			Line (m)	km ²	LINE KILOMETERS		
					Survey	TIE	Total
BLOCK-2	Western Zone	B1	100/1.000	13.813	138.130	13.813	151.943
		B2	100/1.000	13.034	130.340	13.034	143.374
		B3	100/1.000	4.602	46.020	4.602	50.622
	Southern Zone	B4	100/1.000	3.434	34.340	3.434	37.774
		S2	100/1.000	5.384	53.840	5.384	59.224
	Extension	E3	100/1.000	1.934	19.340	1.934	21.274
		E5	100/1.000	16.645	166.450	16.645	183.095
		E7	100/1.000	15.902	159.020	15.902	174.922



BLOCK-3 , OPTION 3 (Flight Line distance: **200 m** and Ground Clearance **50m**)

ABBREVIATIONS

BOQ - Bill of quantities
CCC - Valid Camera Calibration Certificate
DEM - Digital Elevation Model
FGN - Federal Government of Nigeria
MMSD - Ministry of Mines and Steel Development
NGSA - Nigerian Geological Survey Agency
GCC - General Conditions of Contract
GCP - Ground Control Points
GSD - Ground Sample Distance
MOM - Minutes of Meeting
OSGoF - Office of the Surveyor General of the Federation
PCC - Project Completion Certificate
PFPD - Project Financial Proposal Document
PIM - Project Implementation Methodology
PIP - Project Implementation Plan
PIR - Project Inception Report
PMU - Project Management Unit
PQP - Project Quality Plan
PRF - pulse repetition frequency
PSC - Project Steering Committee
PTPD - Project Technical Proposal Document
QAQC - Quality Assurance and Quality Control Plan
RBDAs - River Basin Development Authorities
TOR – Term of Reference
SCC - Special Conditions of the Contract
WB - World Bank

Part III – Conditions of Contract and Contract Forms

Section VIII -General Conditions of Contract

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Section VIII - General Conditions of Contract

A. General Provisions

1.1 Definitions

Unless the context otherwise requires, the following terms whenever used in this Contract have the following meanings:

- (a) The Adjudicator is the person appointed jointly by the Employer and the Service Provider to resolve disputes in the first instance, as provided for in Sub-Clause 8.2 hereunder.
- (b) “Activity Schedule” is the priced and completed list of items of Services to be performed by the Service Provider forming part of his Bid;
- (c) “Bank” means the International Bank for Reconstruction and Development, Washington, D.C., U.S.A.;
- (c) “Association” means the International Development Association, Washington, D.C., U.S.A.;
- (d) “Completion Date” means the date of completion of the Services by the Service Provider as certified by the Employer
- (e) “Contract” means the Contract signed by the Parties, to which these General Conditions of Contract (GCC) are attached, together with all the documents listed in Clause 1 of such signed Contract;
- (f) “Contract Price” means the price to be paid for the performance of the Services, in accordance with Clause 6;
- (g) “Dayworks” means varied work inputs subject to payment on a time basis for the Service Provider’s employees and equipment, in addition to payments for associated materials and administration.
- (h) “Employer” means the party who employs the Service Provider
- (i) “Foreign Currency” means any currency other than the currency of the country of the Employer;
- (j) “GCC” means these General Conditions of Contract;
- (k) “Government” means the Government of the Employer’s Country;
- (l) “Local Currency” means the currency of the country of the Employer;

- (m) “Member,” in case the Service Provider consist of a joint venture of more than one entity, means any of these entities; “Members” means all these entities, and “Member in Charge” means the entity specified in the SC to act on their behalf in exercising all the Service Provider’ rights and obligations towards the Employer under this Contract;
- (n) “Party” means the Employer or the Service Provider, as the case may be, and “Parties” means both of them;
- (o) “Personnel” means persons hired by the Service Provider or by any Subcontractor as employees and assigned to the performance of the Services or any part thereof;
- (p) “Service Provider” is a person or corporate body whose Bid to provide the Services has been accepted by the Employer;
- (q) “Service Provider’s Bid” means the completed Bidding Document submitted by the Service Provider to the Employer
- (r) “SCC” means the Special Conditions of Contract by which the GCC may be amended or supplemented;
- (s) “Specifications” means the specifications of the service included in the Bidding Document submitted by the Service Provider to the Employer
- (t) “Services” means the work to be performed by the Service Provider pursuant to this Contract, as described in Appendix A; and in the Specifications and Schedule of Activities included in the Service Provider’s Bid.
- (u) “Subcontractor” means any entity to which the Service Provider subcontracts any part of the Services in accordance with the provisions of Sub-Clauses 3.5 and 4.

1.2 Applicable Law The Contract shall be interpreted in accordance with the laws of the Employer’s Country, unless otherwise **specified in the Special Conditions of Contract (SCC).**

1.3 Language This Contract has been executed in the language **specified in the SCC**, which shall be the binding and controlling language for all matters relating to the meaning or interpretation of this Contract.

1.4 Notices Any notice, request, or consent made pursuant to this Contract shall be in writing and shall be deemed to have been made when delivered in person to an authorized representative of the Party to whom the communication is addressed, or when sent by registered mail, telex,

telegram, or facsimile to such Party at the address **specified in the SCC.**

1.5 Location

The Services shall be performed at such locations as are specified in Appendix A, in the specifications and, where the location of a particular task is not so specified, at such locations, whether in the Government's country or elsewhere, as the Employer may approve.

1.6 Authorized Representatives

Any action required or permitted to be taken, and any document required or permitted to be executed, under this Contract by the Employer or the Service Provider may be taken or executed by the officials **specified in the SCC.**

1.7 Inspection and Audit by the Bank

Pursuant to paragraph 2.2 e. of Attachment 1 to the General Conditions, the Service Provider shall permit and shall cause its subcontractors and subconsultants to permit, the Bank and/or persons appointed by the Bank to inspect the Site and/or the accounts and records relating to the procurement process, selection and/or contract execution, and to have such accounts and records audited by auditors appointed by the Bank if requested by the Bank. The Service Provider's and its Subcontractors' and subconsultants' attention is drawn to Sub-Clause 3.10 which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures).

1.8 Taxes and Duties

The Service Provider, Subcontractors, and their Personnel shall pay such taxes, duties, fees, and other impositions as may be levied under the Applicable Law, the amount of which is deemed to have been included in the Contract Price.

2. Commencement, Completion, Modification, and Termination of Contract

2.1 Effectiveness of Contract

This Contract shall come into effect on the date the Contract is signed by both parties or such other later date as may be **stated in the SCC.**

2.2 Commencement of Services

2.2.1 Program

Before commencement of the Services, the Service Provider shall submit to the Employer for approval a Program showing the general methods, arrangements, order and timing for all activities. The Services shall be carried out in accordance with the approved Program as updated.

- 2.2.2 Starting Date** The Service Provider shall start carrying out the Services thirty (30) days after the date the Contract becomes effective, or at such other date as may be **specified in the SCC**.
- 2.3 Intended Completion Date** Unless terminated earlier pursuant to Sub-Clause 2.6, the Service Provider shall complete the activities by the Intended Completion Date, as is **specified in the SCC**. If the Service Provider does not complete the activities by the Intended Completion Date, it shall be liable to pay liquidated damage as per Sub-Clause 3.8. In this case, the Completion Date will be the date of completion of all activities.
- 2.4 Modification** Modification of the terms and conditions of this Contract, including any modification of the scope of the Services or of the Contract Price, may only be made by written agreement between the Parties and shall not be effective until the consent of the Bank or of the Association, as the case may be, has been obtained.
- 2.4.1 Value Engineering** The Service Provider may prepare, at its own cost, a value engineering proposal at any time during the performance of the contract. The value engineering proposal shall, at a minimum, include the following;
- (a) the proposed change(s), and a description of the difference to the existing contract requirements;
 - (b) a full cost/benefit analysis of the proposed change(s) including a description and estimate of costs (including life cycle costs, if applicable) the Employer may incur in implementing the value engineering proposal; and
 - (c) a description of any effect(s) of the change on performance/functionality.
- The Employer may accept the value engineering proposal if the proposal demonstrates benefits that:
- (a) accelerates the delivery period; or
 - (b) reduces the Contract Price or the life cycle costs to the Employer; or
 - (c) improves the quality, efficiency, safety or sustainability of the services; or
 - (d) yields any other benefits to the Employer,

without compromising the necessary functions of the Facilities.

If the value engineering proposal is approved by the Employer and results in:

- (a) a reduction of the Contract Price; the amount to be paid to the Service Provider shall be the percentage specified in the SCC of the reduction in the Contract Price; or
- (b) an increase in the Contract Price; but results in a reduction in life cycle costs due to any benefit described in (a) to (d) above, the amount to be paid to the Service Provider shall be the full increase in the Contract Price.

2.5 Force Majeure

2.5.1 Definition

For the purposes of this Contract, “Force Majeure” means an event which is beyond the reasonable control of a Party and which makes a Party’s performance of its obligations under the Contract impossible or so impractical as to be considered impossible under the circumstances.

2.5.2 No Breach of Contract

The failure of a Party to fulfill any of its obligations under the contract shall not be considered to be a breach of, or default under, this Contract insofar as such inability arises from an event of Force Majeure, provided that the Party affected by such an event (a) has taken all reasonable precautions, due care and reasonable alternative measures in order to carry out the terms and conditions of this Contract, and (b) has informed the other Party as soon as possible about the occurrence of such an event.

2.5.3 Extension of Time

Any period within which a Party shall, pursuant to this Contract, complete any action or task, shall be extended for a period equal to the time during which such Party was unable to perform such action as a result of Force Majeure.

2.5.4 Payments

During the period of their inability to perform the Services as a result of an event of Force Majeure, the Service Provider shall be entitled to continue to be paid under the terms of this Contract, as well as to be reimbursed for additional costs reasonably and necessarily incurred by them during such period for the purposes of the Services and in reactivating the Service after the end of such period.

2.6 Termination

2.6.1 By the Employer

The Employer may terminate this Contract, by not less than thirty (30) days' written notice of termination to the Service Provider, to be given after the occurrence of any of the events specified in paragraphs (a) through (d) of this Sub-Clause 2.6.1:

- (a) if the Service Provider does not remedy a failure in the performance of its obligations under the Contract, within thirty (30) days after being notified or within any further period as the Employer may have subsequently approved in writing;
- (b) if the Service Provider become insolvent or bankrupt;
- (c) if, as the result of Force Majeure, the Service Provider is unable to perform a material portion of the Services for a period of not less than sixty (60) days; or
- (d) if the Service Provider, in the judgment of the Employer has engaged in Fraud and Corruption, as defined in paragraph 2.2 a. of Attachment 1 to the GCC, in competing for or in executing the Contract

2.6.2 By the Service Provider

The Service Provider may terminate this Contract, by not less than thirty (30) days' written notice to the Employer, such notice to be given after the occurrence of any of the events specified in paragraphs (a) and (b) of this Sub-Clause 2.6.2:

- (a) if the Employer fails to pay any monies due to the Service Provider pursuant to this Contract and not subject to dispute pursuant to Clause 7 within forty-five (45) days after receiving written notice from the Service Provider that such payment is overdue; or
- (b) if, as the result of Force Majeure, the Service Provider is unable to perform a material portion of the Services for a period of not less than sixty (60) days.

2.6.3 Suspension of Loan or Credit

In the event that the World Bank suspends the loan or Credit to the Employer, from which part of the payments to the Service Provider are being made:

- (a) The Employer is obligated to notify the Service Provider of such suspension within 7 days of having received the World Bank's suspension notice.
- (b) If the Service Provider has not received sums due to by the due date stated in the SCC in accordance with Sub-Clause 6.5 the

Service Provider may immediately issue a 14 day termination notice.

**2.6.4 Payment
upon
Termination**

Upon termination of this Contract pursuant to Sub-Clauses 2.6.1 or 2.6.2, the Employer shall make the following payments to the Service Provider:

- (a) remuneration pursuant to Clause 6 for Services satisfactorily performed prior to the effective date of termination;
- (b) except in the case of termination pursuant to paragraphs (a), (b), (d) of Sub-Clause 2.6.1, reimbursement of any reasonable cost incident to the prompt and orderly termination of the Contract, including the cost of the return travel of the Personnel.

3. Obligations of the Service Provider

3.1 General

The Service Provider shall perform the Services in accordance with the Specifications and the Activity Schedule, and carry out its obligations with all due diligence, efficiency, and economy, in accordance with generally accepted professional techniques and practices, and shall observe sound management practices, and employ appropriate advanced technology and safe methods. The Service Provider shall always act, in respect of any matter relating to this Contract or to the Services, as faithful adviser to the Employer, and shall at all times support and safeguard the Employer's legitimate interests in any dealings with Subcontractors or third parties.

3.2 Conflict of Interests

**3.2.1 Service
Provider
Not to
Benefit
from
Commissio
ns and
Discounts.**

The remuneration of the Service Provider pursuant to Clause 6 shall constitute the Service Provider's sole remuneration in connection with this Contract or the Services, and the Service Provider shall not accept for their own benefit any trade commission, discount, or similar payment in connection with activities pursuant to this Contract or to the Services or in the discharge of their obligations under the Contract, and the Service Provider shall use their best efforts to ensure that the Personnel, any Subcontractors, and agents of either of them similarly shall not receive any such additional remuneration.

**3.2.2 Service
Provider
and
Affiliates
Not to be**

The Service Provider agree that, during the term of this Contract and after its termination, the Service Provider and its affiliates, as well as any Subcontractor and any of its affiliates, shall be disqualified from providing goods, works, or Services (other than the Services and any

Otherwise Interested in Project continuation thereof) for any project resulting from or closely related to the Services.

3.2.3 Prohibition of Conflicting Activities Neither the Service Provider nor its Subcontractors nor the Personnel shall engage, either directly or indirectly, in any of the following activities:

- (a) during the term of this Contract, any business or professional activities in the Government's country which would conflict with the activities assigned to them under this Contract;
- (b) during the term of this Contract, neither the Service Provider nor their Subcontractors shall hire public employees in active duty or on any type of leave, to perform any activity under this Contract;
- (c) after the termination of this Contract, such other activities as may be **specified in the SCC**.

3.3 Confidentiality The Service Provider, its Subcontractors, and the Personnel of either of them shall not, either during the term or within two (2) years after the expiration of this Contract, disclose any proprietary or confidential information relating to the Project, the Services, this Contract, or the Employer's business or operations without the prior written consent of the Employer.

3.4 Insurance to be Taken Out by the Service Provider The Service Provider (a) shall take out and maintain, and shall cause any Subcontractors to take out and maintain, at its (or the Subcontractors', as the case may be) own cost but on terms and conditions approved by the Employer, insurance against the risks, and for the coverage, as shall be **specified in the SCC**; and (b) at the Employer's request, shall provide evidence to the Employer showing that such insurance has been taken out and maintained and that the current premiums have been paid.

3.5 Service Provider's Actions Requiring Employer's Prior Approval The Service Provider shall obtain the Employer's prior approval in writing before taking any of the following actions:

- (a) entering into a subcontract for the performance of any part of the Services,
- (b) appointing such members of the Personnel not listed by name in Appendix C ("Key Personnel and Subcontractors"),
- (c) changing the Program of activities; and
- (d) any other action that may be **specified in the SCC**.

- 3.6 Reporting Obligations** The Service Provider shall submit to the Employer the reports and documents specified in Appendix B in the form, in the numbers, and within the periods set forth in the said Appendix.
- 3.7 Documents Prepared by the Service Provider to Be the Property of the Employer** All plans, drawings, specifications, designs, reports, and other documents and software submitted by the Service Provider in accordance with Sub-Clause 3.6 shall become and remain the property of the Employer, and the Service Provider shall, not later than upon termination or expiration of this Contract, deliver all such documents and software to the Employer, together with a detailed inventory thereof. The Service Provider may retain a copy of such documents and software. Restrictions about the future use of these documents, if any, shall be **specified in the SCC**.
- 3.8 Liquidated Damages**
- 3.8.1 Payments of Liquidated Damages** The Service Provider shall pay liquidated damages to the Employer at the rate per day **stated in the SCC** for each day that the Completion Date is later than the Intended Completion Date. The total amount of liquidated damages shall not exceed the amount **defined in the SCC**. The Employer may deduct liquidated damages from payments due to the Service Provider. Payment of liquidated damages shall not affect the Service Provider's liabilities.
- 3.8.2 Correction for Over-payment** If the Intended Completion Date is extended after liquidated damages have been paid, the Employer shall correct any overpayment of liquidated damages by the Service Provider by adjusting the next payment certificate. The Service Provider shall be paid interest on the overpayment, calculated from the date of payment to the date of repayment, at the rates specified in Sub-Clause 6.5.
- 3.8.3 Lack of performance penalty** If the Service Provider has not corrected a Defect within the time specified in the Employer's notice, a penalty for Lack of performance will be paid by the Service Provider. The amount to be paid will be calculated as a percentage of the cost of having the Defect corrected, assessed as described in Sub-Clause 7.2 and **specified in the SCC**.

- 3.9 Performance Security** The Service Provider shall provide the Performance Security to the Employer no later than the date specified in the Letter of acceptance. The Performance Security shall be issued in an amount and form and by a bank or surety acceptable to the Employer, and denominated in the types and proportions of the currencies in which the Contract Price is payable. The performance Security shall be valid until a date 28 days from the Completion Date of the Contract in case of a bank guarantee, and until one year from the Completion Date of the Contract in the case of a Performance Bond.
- 3.10 Fraud and Corruption** The Bank requires compliance with the Bank's Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework, as set forth in the Attachment 1 to the GCC.
- The Employer requires the Service Provider to disclose any commissions or fees that may have been paid or are to be paid to agents or any other party with respect to the bidding process or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee.
- 3.11 Sustainable Procurement** The Service Provider shall conform to the sustainable procurement contractual provisions, if and as specified in the SCC.

4. Service Provider's Personnel

- 4.1 Description of Personnel** The titles, agreed job descriptions, minimum qualifications, and estimated periods of engagement in the carrying out of the Services of the Service Provider's Key Personnel are described in Appendix C. The Key Personnel and Subcontractors listed by title as well as by name in Appendix C are hereby approved by the Employer.
- 4.2 Removal and/or Replacement of Personnel**
- (a) Except as the Employer may otherwise agree, no changes shall be made in the Key Personnel. If, for any reason beyond the reasonable control of the Service Provider, it becomes necessary to replace any of the Key Personnel, the Service Provider shall provide as a replacement a person of equivalent or better qualifications.
 - (b) If the Employer finds that any of the Personnel have (i) committed serious misconduct or have been charged with having committed a criminal action, or (ii) have reasonable cause to be dissatisfied with the performance of any of the Personnel, then the Service Provider shall, at the Employer's written request specifying the grounds thereof, provide as a

replacement a person with qualifications and experience acceptable to the Employer.

- (c) The Service Provider shall have no claim for additional costs arising out of or incidental to any removal and/or replacement of Personnel.

5. Obligations of the Employer

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| 5.1 Assistance and Exemptions | The Employer shall use its best efforts to ensure that the Government shall provide the Service Provider such assistance and exemptions as specified in the SCC. |
| 5.2 Change in the Applicable Law | If, after the date of this Contract, there is any change in the Applicable Law with respect to taxes and duties which increases or decreases the cost of the Services rendered by the Service Provider, then the remuneration and reimbursable expenses otherwise payable to the Service Provider under this Contract shall be increased or decreased accordingly by agreement between the Parties, and corresponding adjustments shall be made to the amounts referred to in Sub-Clauses 6.2 (a) or (b), as the case may be. |
| 5.3 Services and Facilities | The Employer shall make available to the Service Provider the Services and Facilities listed under Appendix F. |

6. Payments to the Service Provider

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|--|---|
| 6.1 Lump-Sum Remuneration | The Service Provider's remuneration shall not exceed the Contract Price and shall be a fixed lump-sum including all Subcontractors' costs, and all other costs incurred by the Service Provider in carrying out the Services described in Appendix A. Except as provided in Sub-Clause 5.2, the Contract Price may only be increased above the amounts stated in Sub-Clause 6.2 if the Parties have agreed to additional payments in accordance with Sub-Clauses 2.4 and 6.3. |
| 6.2 Contract Price | <ul style="list-style-type: none"> (a) The price payable in local currency is set forth in the SCC. (b) The price payable in foreign currency is set forth in the SCC. |
| 6.3 Payment for Additional Services, and Performance Incentive Compensation | <ul style="list-style-type: none"> 6.3.1 For the purpose of determining the remuneration due for additional Services as may be agreed under Sub-Clause 2.4, a breakdown of the lump-sum price is provided in Appendices D and E. 6.3.2 If the SCC so specify, the service provider shall be paid performance incentive compensation as set out in the Performance Incentive Compensation appendix. |

6.4 Terms and Conditions of Payment

Payments will be made to the Service Provider according to the payment schedule **stated in the SCC**. **Unless otherwise stated in the SCC**, the advance payment (Advance for Mobilization, Materials and Supplies) shall be made against the provision by the Service Provider of a bank guarantee for the same amount, and shall be valid for the period **stated in the SCC**. Any other payment shall be made after the conditions **listed in the SCC** for such payment have been met, and the Service Provider have submitted an invoice to the Employer specifying the amount due.

6.5 Interest on Delayed Payments

If the Employer has delayed payments beyond fifteen (15) days after the due date stated in the SCC, interest shall be paid to the Service Provider for each day of delay at the rate stated in the SCC.

6.6 Price Adjustment

6.6.1 Prices shall be adjusted for fluctuations in the cost of inputs only if **provided for in the SCC**. If so provided, the amounts certified in each payment certificate, after deducting for Advance Payment, shall be adjusted by applying the respective price adjustment factor to the payment amounts due in each currency. A separate formula of the type indicated below applies to each Contract currency:

$$P_c = A_c + B_c \frac{L_{mc}}{L_{oc}} + C_c \frac{I_{mc}}{I_{oc}}$$

Where:

P_c is the adjustment factor for the portion of the Contract Price payable in a specific currency “c”.

A_c , B_c and C_c are coefficients specified in the SCC, representing: A_c the nonadjustable portion; B_c the adjustable portion relative to labor costs and C_c the adjustable portion for other inputs, of the Contract Price payable in that specific currency “c”; and

L_{mc} is the index prevailing at the first day of the month of the corresponding invoice date and L_{oc} is the index prevailing 28 days before Bid opening for labor; both in the specific currency “c”.

I_{mc} is the index prevailing at the first day of the month of the corresponding invoice date and I_{oc} is the index prevailing 28 days before Bid opening for other inputs payable; both in the specific currency “c”.

If a price adjustment factor is applied to payments made in a currency other than the currency of the source of the index for a particular indexed input, a correction factor Z_o/Z_n will be applied to the respective component factor of p_n for the formula of the relevant currency. Z_o is the number of units of currency of the

country of the index, equivalent to one unit of the currency payment on the date of the base index, and Z_n is the corresponding number of such currency units on the date of the current index.

6.6.2 If the value of the index is changed after it has been used in a calculation, the calculation shall be corrected and an adjustment made in the next payment certificate. The index value shall be deemed to take account of all changes in cost due to fluctuations in costs.

6.7 Dayworks

6.7.1 If applicable, the Daywork rates in the Service Provider's Bid shall be used for small additional amounts of Services only when the Employer has given written instructions in advance for additional services to be paid in that way.

6.7.2 All work to be paid for as Dayworks shall be recorded by the Service Provider on forms approved by the Employer. Each completed form shall be verified and signed by the Employer representative as indicated in Sub-Clause 1.6 within two days of the Services being performed.

6.7.3 The Service Provider shall be paid for Dayworks subject to obtaining signed Dayworks forms as indicated in Sub-Clause 6.7.2

7. Quality Control

7.1 Identifying Defects

The principle and modalities of Inspection of the Services by the Employer shall be as **indicated in the SCC**. The Employer shall check the Service Provider's performance and notify him of any Defects that are found. Such checking shall not affect the Service Provider's responsibilities. The Employer may instruct the Service Provider to search for a Defect and to uncover and test any service that the Employer considers may have a Defect. Defect Liability Period is as **defined in the SCC**.

7.2 Correction of Defects, and Lack of Performance Penalty

- (a) The Employer shall give notice to the Service Provider of any Defects before the end of the Contract. The Defects liability period shall be extended for as long as Defects remain to be corrected.
- (b) Every time notice a Defect is given, the Service Provider shall correct the notified Defect within the length of time specified by the Employer's notice.

- (c) If the Service Provider has not corrected a Defect within the time specified in the Employer's notice, the Employer will assess the cost of having the Defect corrected, the Service Provider will pay this amount, and a Penalty for Lack of Performance calculated as described in Sub-Clause 3.8.

8. Settlement of Disputes

8.1 Amicable Settlement

The Parties shall use their best efforts to settle amicably all disputes arising out of or in connection with this Contract or its interpretation.

8.2 Dispute Settlement

8.2.1 If any dispute arises between the Employer and the Service Provider in connection with, or arising out of, the Contract or the provision of the Services, whether during carrying out the Services or after their completion, the matter shall be referred to the Adjudicator within 14 days of the notification of disagreement of one party to the other.

8.2.2 The Adjudicator shall give a decision in writing within 28 days of receipt of a notification of a dispute.

8.2.3 The Adjudicator shall be paid by the hour at the rate **specified in the BDS and SCC**, together with reimbursable expenses of the types **specified in the SCC**, and the cost shall be divided equally between the Employer and the Service Provider, whatever decision is reached by the Adjudicator. Either party may refer a decision of the Adjudicator to an Arbitrator within 28 days of the Adjudicator's written decision. If neither party refers the dispute to arbitration within the above 28 days, the Adjudicator's decision will be final and binding.

8.2.4 The arbitration shall be conducted in accordance with the arbitration procedure published by the institution named and in the place **shown in the SCC**.

8.2.5 Should the Adjudicator resign or die, or should the Employer and the Service Provider agree that the Adjudicator is not functioning in accordance with the provisions of the Contract, a new Adjudicator will be jointly appointed by the Employer and the Service Provider. In case of disagreement between the Employer and the Service Provider, within 30 days, the Adjudicator shall be designated by the Appointing Authority **designated in the SCC** at the request of either party, within 14 days of receipt of such request.

ATTACHMENT 1

Fraud and Corruption

(Text in this Attachment shall not be modified)

1. Purpose

1.1 The Bank's Anti-Corruption Guidelines and this annex apply with respect to procurement under Bank Investment Project Financing operations.

2. Requirements

2.1 The Bank requires that Borrowers (including beneficiaries of Bank financing); bidders (applicants/proposers), consultants, contractors and suppliers; any sub-contractors, sub-consultants, service providers or suppliers; any agents (whether declared or not); and any of their personnel, observe the highest standard of ethics during the procurement process, selection and contract execution of Bank-financed contracts, and refrain from Fraud and Corruption.

2.2 To this end, the Bank:

a. Defines, for the purposes of this provision, the terms set forth below as follows:

- i. "corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
- ii. "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
- iii. "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
- iv. "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
- v. "obstructive practice" is:
 - (a) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or
 - (b) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 2.2 e. below.

- b. Rejects a proposal for award if the Bank determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring misprocurement, if the Bank determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement process, selection and/or execution of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
- d. Pursuant to the Bank's Anti- Corruption Guidelines and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;¹ (ii) to be a nominated² sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
- e. Requires that a clause be included in bidding/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders (applicants/proposers), consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents personnel, permit the Bank to inspect³ all accounts, records and other documents relating to procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the Bank.

¹ For the avoidance of doubt, a sanctioned party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and bidding, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

² A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

³ Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.

Section IX - Special Conditions of Contract

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
1.1	The words “in the Government’s country” are amended to read “in Nigeria ”
1.1(a)	The Adjudicator isto be confirmed before contract signing
1.1(e)	The contract name is : AIRBORNE GEOPHYSICAL SURVEY OF SELECTED AREAS UNDER PROOF OF CONCEPT PROGRAMME- MAGNETIC & RADIOMETRIC for Areas in Block 1, 2 & 3
1.1(h)	The Employer is THE MINISTRY OF MINES AND STEEL DEVELOPMENT
1.1(m)	The Member in Charge is _____
1.1(p)	The Service Provider is _____
1.2	The Applicable Law is: The Federal Republic of Nigeria
1.3	The language is English language
1.4	<p>The addresses are:</p> <p>Employer:</p> <p>THE MINISTRY OF MINES AND STEEL DEVELOPMENT</p> <p>Attention: Mr. Utsu Linus Adie (Project Coordinator)</p> <p>Telex: 09093240644</p> <p>Service Provider: _____</p> <p>Attention: _____</p> <p>Telex: _____</p> <p>Facsimile: _____</p>
1.6	<p>The Authorized Representatives are:</p> <p>For the Employer: <u>Mr. Utsu Linus Adie</u></p> <p>For the Service Provider: _____</p>
2.1	The date on which this Contract shall come into effect is the date Contract is Signed by both parties.
2.2.2	The Starting Date for the commencement of Services is Two weeks after signing of Contract.

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
2.3	The Intended Completion Date is <i>Twenty-four months</i> .
2.4.1	If the value engineering proposal is approved by the Employer the amount to be paid to the Service Provider shall be 50% of the reduction in the Contract Price.
3.2.3	Activities prohibited after termination of this Contract are: Any report or information/material generated in this assignment remains the property of MINDIVER therefore it shall not be used by any other party without prior approval from the project
3.4	The risks and coverage by insurance shall be: <ul style="list-style-type: none"> (i) Professional liability insurance, with a minimum coverage of the sum of the Contract; (ii) Third Party motor vehicle liability insurance in respect of motor vehicles operated in the Employer's country by the Bidder and its agents/subcontractors, with a minimum coverage in accordance with the applicable law in the Client's country; (i) Third Party liability insurance with a minimum coverage in accordance with the applicable law in the Client's country; (iv) Employer's liability and workers' compensation: in accordance with the relevant provisions of the applicable law in the Client's country, as well as, with respect to such Experts, any such life, health, accident, travel or other insurance as may be appropriate; (v) Loss or damage to equipment and property: insurance against loss of or damage to (i) equipment purchased in whole or in part with funds provided under this Contract, (ii) the Consultant's property used in the performance of the Services, and (iii) any documents prepared by the Consultant in the performance of the Services.
3.5(d)	The other actions are None
3.7	Restrictions on the use of documents prepared by the Service Provider are: Any report or information/material generated in this assignment remains the property of the MINDIVER Project. Therefore, it shall not be used by any other party without prior approval from the project
3.8.1	The liquidated damages rate is <i>0.1%</i> per day The maximum amount of liquidated damages for the whole contract is <i>10</i> percent of the final Contract Price.

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract		
3.8.3	The percentage to be used for the calculation of Lack of performance Penalty(ies) is 20% .		
3.11	Not Applicable		
5.1	The assistance and exemptions provided to the Service Provider are: The Employer will assist the Service Provider to obtain Visas, permits, licenses, authorizations and other necessary documents required by the Service Provider for the purpose of carrying out the geophysical survey.		
6.2(a)	The amount in local currency is _____.		
6.2(b)	The amount in foreign currency or currencies is _____.		
6.3.2	The performance incentive paid to the Service Provider shall be: Not Applicable.		
6.4	Payments shall be made according to the following schedule:		
	No.	Deliverables description as per BOQ Items	Payment schedule
	1	Advance Payment for Mobilization and Material	Ten (10 %) percent of the total Contract Price at the project commencement, upon the submission of an advance payment bank guarantee for the same amount
	2	Data Acquisition	Thirty (30) percent payment after half of the total specified flight line kilometers is completed (i.e. when 50 percent of the area has been certified by the Supervisor to have been covered).
	3	Data Acquisition	Twenty five (25) percent after the entire total specified flight line kilometers is completed (i.e. when 100% of the area has been certified by the Supervisor to been covered), and.
	4	Data Processing, Production of maps, models and graphs, Training, ground	Twenty five (25) percent payment shall be made against the submission and acceptance of processed data, maps, models and graphs.

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract		
		truthing and interpretation	
	5	Submission of deliverables	Ten (10%) percent payment shall be made after the final submission of all project deliverables
	<p>Should the certification not be provided, or refused in writing by the Employer within one month of the date of the milestone, or of the date of receipt of the corresponding invoice, the certification will be deemed to have been provided, and the progress payment will be released at such date.</p> <p>The amortization of the Advance mentioned above shall commence on the 2nd deliverable and be completed when the progress payments have reached 75%.</p> <p>The bank guarantee for the advance payment shall be released when the advance payment has been fully amortized.</p>		
6.5	<p>Payment shall be made within 45 days of receipt of the invoice and the relevant documents specified in Sub-Clause 6.4, and within 60 days in the case of the final payment.</p> <p>The interest rate is LIBOR + 1%.</p>		
6.6.1	Price adjustment is Not Applicable in accordance with Sub-Clause 6.6.		
7.1	<p>The principle and modalities of inspection of the Services by the Employer are as follows: The Employer or his representatives will verify whether the deliverables are submitted in a timely manner maintaining the adequate quality. If found a portion or full of the deliverables unsatisfactory, then employer may instruct the service provider to taking measures to remedy</p> <p>The Defects Liability Period is <i>Six calendar months after completion of the services.</i></p>		
8.2.3	<p>The Adjudicator is to be confirmed before contract signing. Who will be paid a rate of _____NGN 100,000_____ per hour of work. The following reimbursable expenses are recognized: _____</p> <ul style="list-style-type: none"> i. <i>Per diem Allowance</i> ii. <i>International Flights</i> iii. <i>Local Travel expenses</i> iv. <i>Communication cost</i> v. <i>Drafting of Reports</i> 		
8.2.4	The rules of procedure for arbitration proceedings pursuant to GCC Clause 8.2.4 shall be as follows:		

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
	<p data-bbox="508 300 1412 373"><i>(a) Contract with foreign Service Provider(including a Joint Venture when at least one partner is foreign):</i></p> <p data-bbox="578 394 1412 573">GCC 8.2.4 (a)—All disputes arising in connection with the present Contract shall be finally settled under the Rules of Conciliation and Arbitration of the International Chamber of Commerce by one or more arbitrators appointed in accordance with said Rules.</p>
8.2.5	<p data-bbox="427 667 1412 709">The designated Appointing Authority for a new Adjudicator is</p> <p data-bbox="427 720 1412 791">(a) Contract with foreign Service Provider (including a Joint Venture when at least one partner is foreign): International Chamber of Commerce.</p>

Appendices

Appendix A - Description of the Services

Give detailed descriptions of the Services to be provided, dates for completion of various tasks, place of performance for different tasks, specific tasks to be approved by Employer, etc.

Appendix B - Schedule of Payments and Reporting Requirements

List all milestones for payments and list the format, frequency, and contents of reports or products to be delivered; persons to receive them; dates of submission; etc. If no reports are to be submitted, state here “Not applicable.”

Appendix C - Key Personnel and Subcontractors

- List under:*
- C-1 Titles [and names, if already available], detailed job descriptions and minimum qualifications of foreign Personnel to be assigned to work in the Government’s country, and staff-months for each.*
 - C-2 Same as C-1 for Key foreign Personnel to be assigned to work outside the Government’s country.*
 - C-3 List of approved Subcontractors (if already available); same information with respect to their Personnel as in C-1 or C-2.*
 - C-4 Same information as C-1 for Key local Personnel.*

Appendix D—Breakdown of Contract Price in Foreign Currency(ies)

List here the elements of cost used to arrive at the breakdown of the lump-sum price—foreign currency portion:

- 1. Rates for Equipment Usage or Rental or for Personnel (Key Personnel and other Personnel).*
- 2. Reimbursable expenditures.*

This appendix will exclusively be used for determining remuneration for additional Services.

Appendix E - Breakdown of Contract Price in Local Currency

List here the elements of cost used to arrive at the breakdown of the lump-sum price—local currency portion:

- 1. Rates for Equipment Usage or Rental or for Personnel (Key Personnel and other Personnel).*
- 2. Reimbursable expenditures.*

This appendix will exclusively be used for determining remuneration for additional Services.

Appendix F - Services and Facilities Provided by the Employer

Section X - Contract Forms

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Notification of Intention to Award

[This Notification of Intention to Award shall be sent to each Bidder that submitted a Bid.]

[Send this Notification to the Bidder's Authorized Representative named in the Bidder Information Form]

For the attention of Bidder's Authorized Representative

Name: *[insert Authorized Representative's name]*

Address: *[insert Authorized Representative's Address]*

Telephone/Fax numbers: *[insert Authorized Representative's telephone/fax numbers]*

Email Address: *[insert Authorized Representative's email address]*

[IMPORTANT: insert the date that this Notification is transmitted to Bidders. The Notification must be sent to all Bidders simultaneously. This means on the same date and as close to the same time as possible.]

DATE OF TRANSMISSION: This Notification is sent by: *[email/fax]* on *[date]* (local time)

Notification of Intention to Award

Employer: *[insert the name of the Employer]*

Project: *[insert name of project]*

Contract title: *[insert the name of the contract]*

Country: *[insert country where RFB is issued]*

Loan No. /Credit No. / Grant No.: *[insert reference number for loan/credit/grant]*

RFB No: *[insert RFB reference number from Procurement Plan]*

This Notification of Intention to Award (Notification) notifies you of our decision to award the above contract. The transmission of this Notification begins the Standstill Period. During the Standstill Period you may:

- a) request a debriefing in relation to the evaluation of your Bid, and/or
- b) submit a Procurement-related Complaint in relation to the decision to award the contract.

1. The successful Bidder

Name:	<i>[insert name of successful Bidder]</i>
Address:	<i>[insert address of the successful Bidder]</i>
Contract price:	<i>[insert contract price of the successful Bid]</i>

2. Other Bidders *[INSTRUCTIONS: insert names of all Bidders that submitted a Bid. If the Bid's price was evaluated include the evaluated price as well as the Bid price as read out.]*

Name of Bidder	Bid price	Evaluated Bid price (if applicable)
[insert name]	[insert Bid price]	[insert evaluated price]
[insert name]	[insert Bid price]	[insert evaluated price]
[insert name]	[insert Bid price]	[insert evaluated price]
[insert name]	[insert Bid price]	[insert evaluated price]
[insert name]	[insert Bid price]	[insert evaluated price]

3. Reason/s why your Bid was unsuccessful

[INSTRUCTIONS: State the reason/s why this Bidder's Bid was unsuccessful. Do NOT include: (a) a point by point comparison with another Bidder's Bid or (b) information that is marked confidential by the Bidder in its Bid.]

4. How to request a debriefing

DEADLINE: The deadline to request a debriefing expires at midnight on [insert date] (local time).

You may request a debriefing in relation to the results of the evaluation of your Bid. If you decide to request a debriefing your written request must be made within three (3) Business Days of receipt of this Notification of Intention to Award.

Provide the contract name, reference number, name of the Bidder, contact details; and address the request for debriefing as follows:

Attention: [insert full name of person, if applicable]

Title/position: [insert title/position]

Agency: [insert name of Employer]

Email address: [insert email address]

Fax number: [insert fax number] *delete if not used*

If your request for a debriefing is received within the 3 Business Days deadline, we will provide the debriefing within five (5) Business Days of receipt of your request. If we are unable to provide the debriefing within this period, the Standstill Period shall be extended by five (5) Business Days after the date that the debriefing is provided. If this happens, we will notify you and confirm the date that the extended Standstill Period will end.

The debriefing may be in writing, by phone, video conference call or in person. We shall promptly advise you in writing how the debriefing will take place and confirm the date and time.

If the deadline to request a debriefing has expired, you may still request a debriefing. In this case, we will provide the debriefing as soon as practicable, and normally no later than fifteen (15)

Business Days from the date of publication of the Contract Award Notice.

5. How to make a complaint

Period: Procurement-related Complaint challenging the decision to award shall be submitted by midnight, [insert date] (local time).

Provide the contract name, reference number, name of the Bidder, contact details; and address the Procurement-related Complaint as follows:

Attention: [insert full name of person, if applicable]

Title/position: [insert title/position]

Agency: [insert name of Employer]

Email address: [insert email address]

Fax number: [insert fax number] *delete if not used*

At this point in the procurement process, you may submit a Procurement-related Complaint challenging the decision to award the contract. You do not need to have requested, or received, a debriefing before making this complaint. Your complaint must be submitted within the Standstill Period and received by us before the Standstill Period ends.

Further information:

For more information see the [Procurement Regulations for IPF Borrowers \(Procurement Regulations\)\[https://policies.worldbank.org/sites/ppf3/PPFDocuments/Forms/DispPage.aspx?docid=4005\]](https://policies.worldbank.org/sites/ppf3/PPFDocuments/Forms/DispPage.aspx?docid=4005) (Annex III). You should read these provisions before preparing and submitting your complaint. In addition, the World Bank’s Guidance “[How to make a Procurement-related Complaint](http://www.worldbank.org/en/projects-operations/products-and-services/brief/procurement-new-framework#framework)” [<http://www.worldbank.org/en/projects-operations/products-and-services/brief/procurement-new-framework#framework>] provides a useful explanation of the process, as well as a sample letter of complaint.

In summary, there are four essential requirements:

1. You must be an ‘interested party’. In this case, that means a Bidder who submitted a Bid in this bidding process, and is the recipient of a Notification of Intention to Award.
2. The complaint can only challenge the decision to award the contract.
3. You must submit the complaint within the period stated above.
4. You must include, in your complaint, all of the information required by the Procurement Regulations (as described in Annex III).

6. Standstill Period

DEADLINE: The Standstill Period is due to end at midnight on [insert date] (local time).

The Standstill Period lasts ten (10) Business Days after the date of transmission of this Notification of Intention to Award.

The Standstill Period may be extended as stated in Section 4 above.

If you have any questions regarding this Notification please do not hesitate to contact us.

On behalf of the Employer:

Signature: _____

Name: _____

Title/position: _____

Telephone: _____

Email: _____

Beneficial Ownership Disclosure Form

INSTRUCTIONS TO BIDDERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE FORM

This Beneficial Ownership Disclosure Form ("Form") is to be completed by the successful Bidder. In case of joint venture, the Bidder must submit a separate Form for each member. The beneficial ownership information to be submitted in this Form shall be current as of the date of its submission.

For the purposes of this Form, a Beneficial Owner of a Bidder is any natural person who ultimately owns or controls the Bidder by meeting one or more of the following conditions:

- *directly or indirectly holding 25% or more of the shares*
- *directly or indirectly holding 25% or more of the voting rights*
- *directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Bidder*

RFB No.: *[insert number of RFB process]*

Request for Bid No.: *[insert identification]*

To: *[insert complete name of Employer]*

In response to your request in the Letter of Acceptance dated *[insert date of letter of Acceptance]* to furnish additional information on beneficial ownership: *[select one option as applicable and delete the options that are not applicable]*

(i) we hereby provide the following beneficial ownership information.

Details of beneficial ownership

Identity of Beneficial Owner	Directly or indirectly holding 25% or more of the shares (Yes / No)	Directly or indirectly holding 25 % or more of the Voting Rights (Yes / No)	Directly or indirectly having the right to appoint a majority of the board of the directors or an equivalent governing body of the Bidder (Yes / No)

<i>[include full name (last, middle, first), nationality, country of residence]</i>			
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OR

(ii) *We declare that there is no Beneficial Owner meeting one or more of the following conditions:*

- directly or indirectly holding 25% or more of the shares
- directly or indirectly holding 25% or more of the voting rights
- directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Bidder

OR

(iii) *We declare that we are unable to identify any Beneficial Owner meeting one or more of the following conditions. [If this option is selected, the Bidder shall provide explanation on why it is unable to identify any Beneficial Owner]*

- directly or indirectly holding 25% or more of the shares
- directly or indirectly holding 25% or more of the voting rights
- directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Bidder]”

Name of the Bidder: **[insert complete name of the Bidder]*

Name of the person duly authorized to sign the Bid on behalf of the Bidder: ***[insert complete name of person duly authorized to sign the Bid]*

Title of the person signing the Bid: *[insert complete title of the person signing the Bid]*

Signature of the person named above: *[insert signature of person whose name and capacity are shown above]*

Date signed *[insert date of signing]* **day of** *[insert month]*, *[insert year]*

* In the case of the Bid submitted by a Joint Venture specify the name of the Joint Venture as Bidder. In the event that the Bidder is a joint venture, each reference to “Bidder” in the Beneficial Ownership Disclosure Form (including this Introduction thereto) shall be read to refer to the joint venture member.

** Person signing the Bid shall have the power of attorney given by the Bidder. The power of attorney shall be attached with the Bid Schedules.

Letter of Acceptance

[letterhead paper of the Employer]

[date]

To: *[name and address of the Service Provider]*

This is to notify you that your Bid dated *[date]* for execution of the *[name of the Contract and identification number, as given in the Special Conditions of Contract]* for the Contract Price of the equivalent of *[amount in numbers and words] [name of currency]*, as corrected and modified in accordance with the Instructions to Bidders is hereby accepted by our Agency.

You are requested to furnish (i) the Performance Security within 28 days in accordance with the Conditions of Contract, using for that purpose one of the Performance Security Forms and (ii) the additional information on beneficial ownership in accordance with BDS ITB 45.1, within eight (8) Business days using the Beneficial Ownership Disclosure Form, included in Section X, - Contract Forms, of the bidding document.

Note: Insert one of the 3 options for the second paragraph. The first option should be used if the Bidder has not objected the name proposed for Adjudicator. The second option if the Bidder has objected the proposed Adjudicator and proposed a name for a substitute, who was accepted by the Employer. And the third option if the Bidder has objected the proposed Adjudicator and proposed a name for a substitute, who was not accepted by the Employer.

We confirm that *[insert name proposed by Employer in the Bid Data Sheet]*,

or

We accept that *[name proposed by Bidder]* be appointed as the Adjudicator

or

We do not accept that *[name proposed by Bidder]* be appointed as Adjudicator, and by sending a copy of this letter of acceptance to *[insert the name of the Appointing Authority]*, we are hereby requesting *[name]*, the Appointing Authority, to appoint the Adjudicator in accordance with ITB 47.1

Authorized Signature: _____

Name and Title of Signatory: _____

Name of Agency: _____

Attachment: Contract

Form of Contract

[letterhead paper of the Employer]

LUMP-SUM REMUNERATION

This CONTRACT (hereinafter called the “Contract”) is made the *[day]* day of the month of *[month]*, *[year]*, between, on the one hand, *[name of Employer]* (hereinafter called the “Employer”) and, on the other hand, *[name of Service Provider]* (hereinafter called the “Service Provider”).

[Note: In the text below text in brackets is optional; all notes should be deleted in final text. If the Service Provider consist of more than one entity, the above should be partially amended to read as follows: “...(hereinafter called the “Employer”) and, on the other hand, a joint venture consisting of the following entities, each of which will be jointly and severally liable to the Employer for all the Service Provider’s obligations under this Contract, namely, [name of Service Provider] and [name of Service Provider] (hereinafter called the “Service Provider”).]

WHEREAS

- (a) the Employer has requested the Service Provider to provide certain Services as defined in the General Conditions of Contract attached to this Contract (hereinafter called the “Services”);
- (b) the Service Provider, having represented to the Employer that they have the required professional skills, and personnel and technical resources, have agreed to provide the Services on the terms and conditions set forth in this Contract at a contract price of.....;
- (c) the Employer has received *[or has applied for]* a loan from the International Bank for Reconstruction and Development (hereinafter called the “Bank”) *[or a credit from the International Development Association (hereinafter called the “Association”)]* towards the cost of the Services and intends to apply a portion of the proceeds of this loan *[or credit]* to eligible payments under this Contract, it being understood (i) that payments by the Bank *[or Association]* will be made only at the request of the Employer and upon approval by the Bank *[or Association]*, (ii) that such payments will be subject, in all respects, to the terms and conditions of the agreement providing for the loan *[or credit]*, and (iii) that no party other than the Employer shall derive any rights from the agreement providing for the loan *[or credit]* or have any claim to the loan *[or credit]* proceeds;

NOW THEREFORE the parties hereto hereby agree as follows:

1. The following documents shall be deemed to form and be read and construed as part of this Agreement, and the priority of the documents shall be as follows:

- (a) the Letter of Acceptance;
- (b) the Service Provider’s Bid
- (c) the Special Conditions of Contract;

- (d) the General Conditions of Contract;
- (e) the Specifications;
- (f) the Priced Activity Schedule; and
- (g) The following Appendices: [**Note:** *If any of these Appendices are not used, the words “Not Used” should be inserted below next to the title of the Appendix and on the sheet attached hereto carrying the title of that Appendix.*]

Appendix A: Description of the Services

Appendix B: Schedule of Payments

Appendix C: Key Personnel and Subcontractors

Appendix D: Breakdown of Contract Price in Foreign Currency

Appendix E: Breakdown of Contract Price in Local Currency

Appendix F: Services and Facilities Provided by the Employer

2. The mutual rights and obligations of the Employer and the Service Provider shall be as set forth in the Contract, in particular:
- (a) the Service Provider shall carry out the Services in accordance with the provisions of the Contract; and
 - (b) the Employer shall make payments to the Service Provider in accordance with the provisions of the Contract.

IN WITNESS WHEREOF, the Parties hereto have caused this Contract to be signed in their respective names as of the day and year first above written.

For and on behalf of *[name of Employer]*

[Authorized Representative]

For and on behalf of *[name of Service Provider]*

[Authorized Representative]

[Note: *If the Service Provider consists of more than one entity, all these entities should appear as signatories, e.g., in the following manner:]*

For and on behalf of each of the Members of the Service Provider

[name of member]

[Authorized Representative]

Performance Security

(Bank Guarantee)

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

[Guarantor letterhead or SWIFT identifier code]

Beneficiary: *[insert name and Address of Employer]*

Date: *_ [Insert date of issue]*

PERFORMANCE GUARANTEE No.: *[Insert guarantee reference number]*

Guarantor: *[Insert name and address of place of issue, unless indicated in the letterhead]*

We have been informed that *_ [insert name of Service Provider which in the case of a joint venture shall be the name of the joint venture]* (hereinafter called "the Applicant") has entered into Contract No. *[insert reference number of the contract]* dated *[insert date]* with the Beneficiary, for the Non-Consulting Services of *_ [insert name of contract and brief description of the Non-Consulting Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Applicant, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of *[insert amount in figures]* () *[insert amount in words]*,¹ such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its obligation(s) under the Contract, without the Beneficiary needing to prove or to show grounds for your demand or the sum specified therein.

¹ *The Guarantor shall insert an amount representing the percentage of the Accepted Contract Amount specified in the Letter of Acceptance, and denominated either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Beneficiary.*

This guarantee shall expire, no later than the Day of, 2...², and any demand for payment under it must be received by us at this office indicated above on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No. 758, except that the supporting statement under Article 15(a) is hereby excluded.

[signature(s)]

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.

² *Insert the date twenty-eight days after the expected completion date as described in GCC. The Service Provider should note that in the event of an extension of this date for completion of the Contract, the Service Provider would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee. In preparing this guarantee, the Service Provider might consider adding the following text to the form, at the end of the penultimate paragraph: “The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months] [one year], in response to the Beneficiary’s written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee.”*

Advance Payment Security

[Guarantor letterhead or SWIFT identifier code]

Beneficiary: *[Insert name and Address of Employer]*

Date: *[Insert date of issue]*

ADVANCE PAYMENT GUARANTEE No.: *[Insert guarantee reference number]*

Guarantor: *[Insert name and address of place of issue, unless indicated in the letterhead]*

We have been informed that *[insert name of Service Provider, which in the case of a joint venture shall be the name of the joint venture]* (hereinafter called “the Applicant”) has entered into Contract No. *[insert reference number of the contract]* dated *[insert date]* with the Beneficiary, for the execution of *[insert name of contract and brief description of Non-Consulting Services]* (hereinafter called “the Contract”).

Furthermore, we understand that, according to the conditions of the Contract, an advance payment in the sum *[insert amount in figures]* () *[insert amount in words]* is to be made against an advance payment guarantee.

At the request of the Applicant, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of *[insert amount in figures]* () *[insert amount in words]*¹ upon receipt by us of the Beneficiary’s complying demand supported by the Beneficiary’s statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating either that the Applicant:

- (a) has used the advance payment for purposes other than toward delivery of Services; or
- (b) has failed to repay the advance payment in accordance with the Contract conditions, specifying the amount which the Applicant has failed to repay.

A demand under this guarantee may be presented as from the presentation to the Guarantor of a certificate from the Beneficiary’s bank stating that the advance payment referred to above has been

¹ The Guarantor shall insert an amount representing the amount of the advance payment and denominated either in the currency(ies) of the advance payment as specified in the Contract, or in a freely convertible currency acceptable to the Employer.

credited to the Applicant on its account number *[insert number]* at *[insert name and address of Applicant's bank]*.

The maximum amount of this guarantee shall be progressively reduced by the amount of the advance payment repaid by the Applicant as specified in copies of interim statements or payment certificates which shall be presented to us. This guarantee shall expire, at the latest, upon our receipt of a copy of the interim payment certificate indicating that ninety (90) percent of the Accepted Contract Amount, has been certified for payment, or on the *[insert day]* day of *[insert month]*, 2 *[insert year]*, whichever is earlier. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No.758, except that the supporting statement under Article 15(a) is hereby excluded.

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[signature(s)]

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.