

# GOVERNMENT OF THE REPUBLIC OF GHANA



Republic of Ghana

## Ministry of Communications and Digitalization

### INTERNATIONAL COMPETITIVE BIDDING

#### Request for Bids

#### Non-Consulting Services

#### Two-envelope with rated criteria

### Procurement of:

#### LAST-MILE CONNECTIVITY TO SELECTED UNSERVED AREAS AND EQUIPPING OF RURAL COMMUNITY INFORMATION CENTERS(CICs)

**RFB No:** GH-MOC--286560-NC-RFB

**Project:** Ghana Digital Accelerated Project

**Employer:** Ministry of Communications and Digitalization

**Country:** Republic of Ghana

**Issued on:** 15<sup>th</sup> January, 2025

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**Project:** Ghana Digital Accelerated Project

**Contract title:** Last-mile Connectivity to Selected Unserved Areas and Rural Community Information Centers (CICs)

**Country:** *Ghana*

**Loan No. /Credit No.:** *P176126*

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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;
  - (d) "ES" means environmental and social, as applicable, (including Sexual Exploitation and Abuse (SEA), and Sexual Harassment (SH));
  - (e) "Sexual Exploitation and Abuse" "(SEA)" means the following:

Sexual Exploitation is defined as any actual or attempted abuse of position of vulnerability, differential power or trust, for sexual purposes, including, but not limited to, profiting monetarily, socially or politically from the sexual exploitation of another;

Sexual Abuse is defined as the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions.
  - (f) "Sexual Harassment" "(SH)" is defined as unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature by the Service Provider's Personnel with other Service Provider's or Employer's Personnel;

- (g) “Service Provider’s Personnel” is as defined in GCC Sub-Clause 1.1; and
- (h) “Employer’s Personnel” is as defined in GCC Sub-Clause 1.1.

A non-exhaustive list of (i) behaviors which constitute SEA and (ii) behaviors which constitute SH is attached to the Code of Conduct form in Section IV.

- 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 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 sub-contractor 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.

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 locations 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 locations of required Services and its surroundings 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.

## **B. 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 two Parts, namely the Technical Part and the Financial Part. These two Parts shall be submitted simultaneously in two separate sealed envelopes (two-envelope Bidding process). One envelope shall contain only information relating to the Technical Part and the other, only information relating to the Financial Part. These two envelopes shall be enclosed in a separate sealed outer envelope marked “ORIGINAL BID”.
- 12.2 The Technical Part shall contain the following:
- (a) **Letter of Bid** -Technical Part, prepared in accordance with ITB 13;
  - (b) **Bid Security or Bid-Securing Declaration** in accordance with ITB 20.1;
  - (c) **Alternative Bid** - Technical Part:: if permissible in accordance with ITB 14, the Technical Part of any Alternative Bid;
  - (d) **Authorization:** written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB 21.3;
  - (e) **Qualifications:** documentary evidence in accordance with ITB 18 establishing the Bidder’s qualifications to perform the Contract if its Bid is accepted;
  - (f) **Bidder’s Eligibility:** documentary evidence in accordance with ITB 18 establishing the Bidder’s eligibility to Bid;
  - (g) **Conformity:** documentary evidence in accordance with ITB 17, that the Services conform to the bidding document; and
  - (h) any other document required **in the BDS**.
- 12.3 The Financial Part shall contain the following:
- (a) Letter of Bid – Financial Part: prepared in accordance with ITB 13 and ITB 15;
  - (b) **Schedule:** Priced Activity Schedule completed in accordance with ITB 13 and ITB 15;
  - (c) Alternative Bid - Financial Part: if permissible in accordance with ITB 14, the Financial Part of any Alternative Bid; and
  - (d) any other document required **in the BDS**.
- 12.4 The Technical Part shall not include any information related to the Bid price. Where material financial information related to the Bid

price is contained in the Technical Part the Bid shall be declared non-responsive.

- 12.5 In addition to the requirements under ITB 12.2, Bids submitted by a JV shall include in the Technical Part 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.
- 12.6 The Bidder shall furnish in the Letter of Bid- Financial Part information on commissions and gratuities, if any, paid or to be paid to agents or any other party relating to this Bid.
- 13. Letters of Bid and Priced Activity Schedule**
- 13.1 The Letter of Bid - Technical Part, Letter of Bid- Financial Part 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 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 - Financial Part and in the Priced 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 Priced Activity Schedule(s).
- 15.3 The Contract shall be for the Services, as described in Appendix A to the Contract and in the Specifications, 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 Specifications, 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 Priced 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 Any change in the structure or formation of a Bidder after being prequalified and invited to Bid, if applicable, (including, in the case of a JV, any change in the structure or formation of any member and also including any change in any specialized subcontractor whose qualifications were considered to prequalify the Applicant) shall be subject to the written approval of the Employer prior to the deadline for submission of Bids. Such approval shall be denied if (i) a Bidder proposes to associate with a disqualified Bidder or in case of a disqualified joint venture, any of its members; (ii) as a consequence of the change, the Bidder no longer substantially meets the qualification criteria; or (iii) in the opinion of the Employer, the change may result in a substantial reduction in competition. Any such change should be submitted to the Employer not later than fourteen (14) days after the date of the notice for RFB sent to the prequalified Bidders.
- 18.6 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 until the date specified **in the BDS** or any extended date if amended by the Employer in accordance with ITB 9. A Bid that is not valid until the date specified **in the BDS**, or any extended date if amended by the Employer in accordance with ITB 9, shall be rejected by the Employer as nonresponsive.
- 19.2 In exceptional circumstances, prior to the date of expiration of the Bid validity, 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 specified in accordance with ITB 19.1, 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 the Technical Part 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 date of expiry of the Bid validity, or beyond any extended date 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:
  - (a) if a Bidder withdraws its Bid prior to the expiry date of the Bid validity specified by the Bidder on the Letter of Bid or any extended date 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 12.5.
- 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 prior to the expiry date of the Bid validity specified by the Bidder on the Letter of Bid, or any extended date provided by the Bidder; or
  - (b) if the successful Bidder fails to:

- (ii) sign the Contract in accordance with ITB 45; or
- (iii) 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 the Bid, in accordance with this Instruction, ITB 12 and ITB 22.
- 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.

### **C. Submission of Bids**

#### 22. **Sealing and Marking of Bids**

- 22.1 The Bidder shall deliver the Bid in two separate, sealed envelopes (the Technical Part and the Financial Part). These two envelopes shall be enclosed in a separate sealed outer envelope marked “Original BID”. In addition, the Bidder shall submit copies of the Bid in the number specified **in the BDS**. Copies of the Technical Part shall be placed in a separate sealed envelope marked “COPIES: TECHNICAL PART”. Copies of the Financial Part shall be placed in a separate sealed envelope marked “COPIES: FINANCIAL PART”. The Bidder shall place both of these envelopes in a separate, sealed outer envelope marked “BID COPIES”. In the event of any discrepancy between the original and the copies, the original shall prevail.

If alternative Bids are permitted in accordance with ITB 14, the alternative Bids shall be submitted as follows: the original of the alternative Bid Technical Part shall be placed in a sealed envelope marked “ALTERNATIVE BID – TECHNICAL PART” and the Financial Part shall be placed in a sealed envelope marked “ALTERNATIVE BID – FINANCIAL PART” and these two separate sealed envelopes then enclosed within a sealed outer envelope marked “ALTERNATIVE BID – ORIGINAL”, the copies of the alternative Bid will be placed in separate sealed envelopes marked “ALTERNATIVE BID – COPIES OF TECHNICAL PART”, and “ALTERNATIVE BID – COPIES OF FINANCIAL PART” and enclosed in a separate sealed outer envelope marked “ALTERNATIVE BID - COPIES”.

- 22.2 The envelopes marked “ORIGINAL BID” and “BID COPIES” (and, if appropriate, a third envelope marked “ALTERNATIVE BID”) shall be enclosed in a separate sealed outer envelope for submission to the Employer.
- 22.3 All 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.
- 22.4 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 date of expiry of the Bid validity specified by the Bidder on the Letter of Bid or any extended date thereof.

**D. Public Opening of Technical Parts of Bids**

26. **Public Bid Opening of Technical Parts of Bids**

- 26.1 Except as in the cases specified in ITB 24 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 other envelopes marked “TECHNICAL PART” shall be opened one at a time. All envelopes marked “SECOND ENVELOPE: Financial PART” shall remain sealed and kept by the Employer in safe custody until they are opened at a later public opening, following the evaluation of the Technical Part parts of the Bids. On opening the envelopes marked “TECHNICAL PART” the Employer shall read out: the name of the Bidder, the presence or the absence of a Bid Security, or Bid-Securing Declaration, if required, and whether there is a modification; and Alternative Bid - Technical Part; and any other details as the Employer may consider appropriate.
- 26.6 Only Technical Parts of Bids and Alternative Bid - Technical Parts that are read out at Bid opening shall be considered further for evaluation. The Letter of Bid- Technical Part and the separate sealed envelope marked “SECOND ENVELOPE: FINANCIAL PART” 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 Technical Parts of 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 receipt of envelopes marked “SECOND ENVELOPE: FINANCIAL PART”; and
  - (c) if applicable, any alternative Bid- Technical Part;
  - (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 of Bids – General Provisions

- 27. Confidentiality**
- 27.1 Information relating to the evaluation of the Technical Part shall not be disclosed to Bidders or any other persons not officially concerned with the Bidding process until the notification of evaluation of the Technical Part in accordance with ITB 32. Information relating to the evaluation of Financial Part, the evaluation of combined Technical Part and Financial Part, and recommendation of contract award shall not be disclosed to Bidders or any other persons not officially concerned with the RFB process until the Notification of Intention to Award the Contract is transmitted to 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 Priced 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 34.
- 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. Nonmaterial Nonconformities**
- 29.1 Provided that a Bid is substantially responsive, the Employer may waive any nonmaterial nonconformities in the Bid.
- 29.2 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 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.

## **F. Evaluation of Technical Part of Bids**

### **30. Determination of Responsiveness, Eligibility and Qualifications**

- 30.1 The Employer's determination of the Technical Part's responsiveness shall be based on the contents of the Bid itself, as specified in ITB 12.
- 30.2 Preliminary examination of the Technical Part shall be carried out to identify proposals that are incomplete, invalid or substantially nonresponsive to the requirements of the Bidding documents. A substantially responsive Bid is one that materially confirms to 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 determine to its satisfaction whether the Bidders that have been assessed to have submitted substantially responsive Bids are eligible, and meet the qualifying criteria specified in Section III, Evaluation and Qualification Criteria.
- 30.4 The determination shall be based upon an examination of the documentary evidence of the Bidder's eligibility and 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 (other than Specialized Subcontractors if permitted in the bidding document), or any other firm.
- 30.5 Prior to Contract award, the Employer will verify that the successful Bidder (including each member of a JV) is not disqualified by the Bank due to noncompliance with contractual SEA/SH prevention and response obligations. The Employer will conduct the same verification for each subcontractor proposed by the successful Bidder. If any proposed subcontractor does not

meet the requirement, the Employer will require the Bidder to propose a replacement subcontractor.

- 30.6 Only substantially responsive bids submitted by eligible and qualified bidders shall proceed to the detailed technical evaluation specified in ITB 31.
31. **Detailed Evaluation of Technical Part**
- 31.1 The Employer's evaluation of Technical Part will be carried out as specified in Section III, Evaluation and Qualification Criteria
- 31.2 The scores to be given to technical factors and sub factors are specified **in the BDS**.

### **G. Notification of Evaluation of Technical Parts and Public Opening of Financial Parts**

32. **Notification of Evaluation of Technical Parts and Public Opening of Financial Parts**
- 32.1 Following the completion of the evaluation of the Technical Parts of the Bids, the Employer shall notify in writing those Bidders whose Bids were considered substantially non-responsive to the bidding document or failed to meet the eligibility and qualification requirements, advising them of the following information:
- (a) the grounds on which their Technical Part of Bid failed to meet the requirements of the bidding document;
  - (b) their envelopes marked "SECOND ENVELOPE: FINANCIAL PART" will be returned to them unopened after the completion of the selection process and the signing of the Contract; and
  - (c) notify them of the date, time and location of the public opening of the envelopes marked "SECOND ENVELOPE: FINANCIAL PART".
- 32.2 The Employer shall, simultaneously, notify in writing those Bidders whose Technical Part have been evaluated as substantially responsive to the bidding document and met the eligibility and qualification requirements, advising them of the following information:
- (a) their Bid has been evaluated as substantially responsive to the bidding document and met the eligibility and qualification requirements;
  - (b) their envelope marked "SECOND ENVELOPE: FINANCIAL PART" will be opened at the public opening of the Financial Parts; and

- (c) notify them of the date, time and location of the second public opening of the envelopes marked “SECOND ENVELOPE: FINANCIAL PART” as specified **in the BDS**.
- 32.3 The opening date shall be not less than ten (10) Business Days from the date of notification of the results of the technical evaluation, specified in ITB 32.1 and 32.2. However, if the Employer receives a complaint on the results of the technical evaluation within the ten (10) Business Days, the opening date shall be subject to ITB 48.1. The Financial Part of the Bid shall be opened publicly in the presence of Bidders’ designated representatives and anyone who chooses to attend.
- 32.4 At this public opening, the Financial Parts will be opened by the Employer in the presence of Bidders, or their designated representatives and anyone else who chooses to attend. Bidders who met the eligibility and qualification requirements and whose bids were evaluated as substantially responsive will have their envelopes marked “SECOND ENVELOPE: FINANCIAL PART” opened at the second public opening. Each of these envelopes marked “SECOND ENVELOPE: FINANCIAL PART” shall be inspected to confirm that they have remained sealed and unopened. These envelopes shall then be opened by the Employer. The Employer shall read out the names of each Bidder, the technical score and the total Bid prices, per lot (contract) if applicable, including any discounts and Alternative Bid - Financial Part, and any other details as the Employer may consider appropriate.
- 32.5 Only envelopes of Financial Part of Bids, Financial Parts of Alternative Bids and discounts that are opened and read out at Bid opening shall be considered further for evaluation. The Letter of Bid – Financial Part and the Priced Activity Schedules are to be initialed by a representative of the Employer attending the Bid opening in the manner specified **in the BDS**.
- 32.6 The Employer shall neither discuss the merits of any Bid nor reject any envelopes marked “SECOND ENVELOPE: FINANCIAL PART” at this public opening.
- 32.7 The Employer shall prepare a record of the Financial Part of the Bid opening that shall include, as a minimum:
- (a) the name of the Bidder whose Financial Part was opened;
  - (b) the Bid price, per lot (contract) if applicable, including any discounts; and
  - (c) if applicable, any Alternative Bid- Financial Part.
- 32.8 The Bidders whose envelopes marked “SECOND ENVELOPE: FINANCIAL PART” have been opened or their 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.

## H. Evaluation of Financial Part of Bids

33. **Adjustments for Nonmaterial Nonconformities** 33.1 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, by adding the average price of the item or component quoted by substantially responsive Bidders. 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
34. **Correction of Arithmetic Errors** 34.1 Provided that the Bid is substantially responsive, the Employer shall correct arithmetic errors on the following basis:
- (a) if there is 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.
- 34.2 Bidders shall be requested to accept correction of arithmetic errors. Failure to accept the correction in accordance with ITB 34.1, shall result in the rejection of the Bid.
35. **Evaluation Process, Financial Parts** 35.1 To evaluate the Financial Part, the Employer shall consider the following:
- (a) price adjustment for correction of arithmetic errors in accordance with ITB 34.1;
  - (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 36;
  - (d) price adjustment due to quantifiable nonmaterial nonconformities in accordance with ITB 33.1;
  - (e) excluding provisional sums and the provision, if any, for contingencies in the Priced Activity Schedule but including Daywork, when requested in the Specifications; and
  - (f) the additional evaluation factors are specified in Section III, Evaluation and Qualification Criteria.
- 35.2 If price adjustment is allowed in accordance with ITB 15.7, 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.
- 35.3 If this bidding document allows Bidders to quote separate prices for different lots (contracts), each lot will be evaluated separately to determine the Most Advantageous Bid using the methodology specified in in Section III, Evaluation and Qualification Criteria. **Discounts that are conditional on the award of more than one lot or slice shall not be considered for Bid evaluation.**
- 36. Conversion to Single Currency and Margin of Preference**
- 36.1 For evaluation and comparison purposes, the currency(ies) of the Bid shall be converted into a single currency **as specified in the BDS.**
- 36.2 Margin of domestic preference shall not apply.
- 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.

## **I. Evaluation of Combined Technical and Financial Parts, Most Advantageous Bid and Notification of Intention to Award**

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| 38. <b>Evaluation of combined Technical and Financial Parts</b>              | <p>38.1 The Employer's evaluation of responsive Bids will take into account technical factors, in addition to cost factors in accordance with Section III Evaluation and Qualification Criteria. The weight to be assigned for the Technical factors and cost is specified <b>in the BDS</b>. The Employer will rank the Bids based on the evaluated Bid score (B).</p> <p>38.2 The Employer will determine the Most Advantageous Bid. The Most Advantageous Bid is the Bid of the Bidder that meets the Qualification Criteria and whose Bid has been determined to be substantially responsive to the Bidding document and is the Bid with the highest combined technical and financial score.</p>   |
| 39. <b>Employer's Right to Accept Any Bid, and to Reject Any or All Bids</b> | <p>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.</p>   |
| 40. <b>Standstill Period</b>   | <p>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</p>   |
| 41. <b>Notification of Intention to Award</b>                                | <p>41.1 The Employer shall send to each Bidder (that has not already been notified that it has been unsuccessful), 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:</p> <ul style="list-style-type: none"> <li>(a) the name and address of the Bidder submitting the successful Bid;</li> <li>(b) the Contract price of the successful Bid;</li> <li>(c) the total combined score of the successful Bidder;</li> <li>(d) the names of all Bidders who submitted Bids, and their Bid prices as readout and as evaluated and technical scores;</li> <li>(e) a statement of the reason(s) the Bid (of the unsuccessful Bidder to whom the notification is addressed) was unsuccessful;</li> </ul> |

- (f) the expiry date of the Standstill Period; and
- (g) instructions on how to request a debriefing or submit a complaint during the standstill period.

## **J. Award of Contract**

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| <b>42. Award Criteria</b>        | 1.1 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.   |
| <b>43. Notification of Award</b> | <p>43.1 Prior to the date of expiry of the Bid validity 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”).</p> <p>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:</p> <ul style="list-style-type: none"> <li>(a) name and address of the Employer;</li> <li>(b) name and reference number of the contract being awarded, and the selection method used;</li> <li>(c) names of all Bidders that submitted Bids, and their Bid prices as read out at Bid opening, and as evaluated;</li> <li>(d) name of Bidders whose Bids were rejected and the reasons for their rejection;</li> <li>(e) the name of the successful Bidder, the final total contract price, the contract duration and a summary of its scope; and</li> <li>(f) successful Bidder’s Beneficial Ownership Disclosure Form.</li> </ul> <p>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.</p> <p>43.4 Until a formal Contract is prepared and executed, the Letter of Acceptance shall constitute a binding Contract.</p> |

- 44. Debriefing by the Employer**
- 44.1 On receipt of the Borrower's Notification of Intention to Award referred to in ITB 41, 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 a request to submit the Beneficial Ownership Disclosure Form providing additional information on its beneficial ownership. The Beneficial Ownership Disclosure Form 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: <b>GH-MOC--286560-NC-RFB</b></p> <p>The Employer is: <b>Ministry of Communications and Digitalization (MoCD)</b></p> <p>The number and identification of contracts comprising this RFB is: <b>Last-mile Connectivity to Selected Unserved Areas and Equipping Rural Community Information Centers (CICs). The RFB is comprised of one contract, with two concurrent phases, as follows:</b></p> <table border="1" style="margin-left: 40px;"> <thead> <tr> <th style="text-align: center;">Phase</th> <th style="text-align: center;">Description</th> </tr> </thead> <tbody> <tr> <td></td> <td style="text-align: center;"><b>Last-mile Connectivity to Selected Unserved Areas and Rural Community Information Centers (CICs)</b></td> </tr> <tr> <td style="text-align: center;">Phase 1</td> <td><b>Last-mile Connectivity for CICs and other Government Agencies</b></td> </tr> <tr> <td style="text-align: center;">Phase 2</td> <td><b>Supply and Installation of Computers and Solar Plant for CICs</b></td> </tr> </tbody> </table>	Phase	Description		<b>Last-mile Connectivity to Selected Unserved Areas and Rural Community Information Centers (CICs)</b>	Phase 1	<b>Last-mile Connectivity for CICs and other Government Agencies</b>	Phase 2	<b>Supply and Installation of Computers and Solar Plant for CICs</b>
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Phase 1	<b>Last-mile Connectivity for CICs and other Government Agencies</b>								
Phase 2	<b>Supply and Installation of Computers and Solar Plant for CICs</b>								
ITB 1.2(a)	<p><b>Electronic –Procurement System</b></p> <p>The Employer shall use the following electronic-procurement system to manage this Bidding process: <b>N/A</b></p>								
ITB 1.3	The Intended Completion Date is: <b>12 months</b>								
ITB 2.1	<p>The Borrower is: <b>Government of the Republic of Ghana</b></p> <p>Loan or Financing Agreement amount: <b>US\$200 Million</b></p> <p>The name of the Project is: <b>Ghana Digital Accelerated Project</b></p>								
ITB 4.1	Maximum number of members in the Joint Venture (JV) shall be: <b>Three</b>								

ITB 4.5	A list of debarred firms and individuals is available on the Bank's external website: <a href="http://www.worldbank.org/debarr">http://www.worldbank.org/debarr</a> .
<b>B. Contents of Bidding Document</b>	
ITB 8.1	<p>For <b>Clarification of Bid purposes</b> only, the Employer's address is:</p> <p>Attention: <b>Project Coordinator</b>  <b>Ministry of Communications and Digitalisation Ghana Digital Acceleration Proj (GDAP) (FSRP office located at the premises of the Government Secretarial Fifth Floor, Rooms 38/39</b>  <b>Ministry of Communications and Digitalisation Building Abdul Diouf Street, Ridge,</b>  <b>Accra Ghana</b></p> <p>Digital Address: <b>GA-079-0539</b>  Electronic mail address: <a href="mailto:pcu.gdap@moc.gov.gh">pcu.gdap@moc.gov.gh</a></p> <p>Requests for clarification should be received by the Employer no later than: <b>14 days</b> prior to bid submission deadline.</p> <p>Web page: <a href="http://www.moc.gov.gh">www.moc.gov.gh</a>;</p>
<b>C. Preparation of Bids</b>	
ITB 11.1	<p>The language of the Bid is: <b><i>“English”</i></b></p> <p>All correspondence exchange shall be in English language.</p>
ITB 12.2 (h)	<p>The Bidder shall submit the following documents in the Technical Part of its Bid:</p> <p><b>1. Code of Conduct for Supplier's Personnel (ES)</b></p> <p>The Bidder shall submit its Code of Conduct that will apply to the Supplier/Service Provider's Personnel (as defined in Sub-clause 1.1.2.7 of the GC) to ensure compliance with its Environmental, Social, Health and Safety (ESHS) obligations under the contract.</p> <p>In addition, the Bidder shall detail how this Code of Conduct will be implemented. This will include: how it will be introduced into conditions of employment/engagement, what training will be provided, how it will be monitored and how the Service Provider/supplier proposes to deal with any breaches.</p> <p>The supplier shall be required to implement the agreed Code of Conduct.</p> <p><b>2. Management Strategies and Implementation Plans (MSIP) to manage the ESHS risks</b></p> <p>The Bidder shall submit Management Strategies and Implementation Plan (MSIP) to manage the following key Environmental, Social, Health and Safety (ESHS) risks.</p>

	<ul style="list-style-type: none"> <li>• Injuries, Accidents, and Diseases of Personnel and Public including dealing with Sexually Transmitted Infections (STIs);</li> <li>• Loss of livelihood;</li> <li>• Sexual Exploitation, and Abuse (SEA) prevention, Sexual Harassment (SH) and response action plan];</li> <li>• Child labour and labour management</li> <li>• Gender-Based Violence</li> </ul> <p>The service provider shall be required to submit for approval, and subsequently implement an Environment, Social, Health and Safety Management Plan (ESHS-MP), in accordance with the Particular Conditions of Contract Sub-, Clause 4.1, that includes the agreed Management Strategies and Implementation Plans described here.</p> <p><b>3. Documents establishing conformity of the Goods and Related Services</b>, to be delivered under Phase 2, to the Bidding Documents, including:</p> <ul style="list-style-type: none"> <li>- documentary evidence that the Goods conform to the technical specifications and standards specified in Section VII, Employer’s Requirements, which and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification and deviations, if any.</li> <li>- a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period of <b>5 years</b> following commencement of the use of the goods by the Employer.</li> </ul> <p><b>4. Forced Labor Declaration</b> using the form included in Section IV, Bidding Forms</p>
<p><b>ITB 12.3 (d)</b></p>	<p>The Bidder shall submit the following additional documents in the Financial Part of its Bid:</p> <p>Price Schedules for Goods and Related Services to be supplied under Phase 2 using the forms included in Section IV-Bidding Forms.</p>
<p><b>ITB 14.1</b></p>	<p>Alternative Bids <i>shall not be</i> considered.</p>
<p><b>ITB 14.2</b></p>	<p>Alternative times for completion “<i>shall not be</i>” permitted.</p>
<p><b>ITB 14.3</b></p>	<p>Alternative technical solutions shall be permitted for the following parts of the Services: N/A</p>
<p><b>ITB 15.7</b></p>	<p>The prices quoted by the Bidder <i>shall not</i> be subject to adjustment during the performance of the Contract.</p>
<p><b>ITB 16.1</b></p>	<p>The Bidder <i>is not</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.</p>

ITB 18.4	Prequalification <i>has not</i> been undertaken.
ITB 19.1	The Bid shall be valid until: <i>June 24, 2025</i> .
ITB 19.3 (a)	The Bid price shall be adjusted by the following factor(s): N/A
ITB 20.1	<p>A <i>Bid Security shall be</i> required: Yes          Bid Security issued by a bank (unconditional bank guarantee) or non-bank financial institution (such as an insurance, bonding or surety company);</p> <p>The amount and currency of the bid security shall be: <b>USD200,000.00 for bank guarantee and USD600,000.00 in the case of bonds.</b></p>
ITB 20.3 (d)	Other types of acceptable securities: None
ITB 20.9	N/A
ITB 21.3	The written confirmation of authorization to sign on behalf of the Bidder shall consist of: <b>Power of Attorney</b>
<b>D. Submission of Bids</b>	
ITB 22.1	Technical and Financial bids shall be submitted in separate envelopes In addition to the original of the Bid, the number of copies is: <b>Four (4) copies</b>
ITB 23.1	<p>For <b><u>Bid submission purposes</u></b> only, the Employer's address is:</p> <p>Attention: <b>Project Coordinator</b></p> <p><b>Ministry of Communications and Digitalisation Ghana</b>  <b>Digital Acceleration Project - GDAP</b>  <b>Fifth Floor, Rooms 38/39</b>  <b>Ministry of Communications and Digitalisation Building Abdul</b>  <b>Diouf Street, Ridge,</b>  <b>Accra Ghana</b></p> <p>Digital Address: <b>GA-079-0539</b></p> <p>Electronic mail address: <a href="mailto:pcu.gdap@moc.gov.gh">pcu.gdap@moc.gov.gh</a></p> <p><b>The deadline for Bid submission is:</b></p> <p>Date: <b>March 04, 2025</b></p>

	<p>Time: <b>10:00 a.m.</b></p> <p>Bidders <i>shall not</i> have the option of submitting their Bids electronically</p>						
<b>E. Public Opening of Technical Parts of Bids</b>							
<b>ITB 26.1</b>	<p>The Bid opening shall take place at:</p> <p>Street Address:  <b>Ministry of Communications and Digitalization Building, Abdul Diouf Street,  near Kofi Annan ICT Center for Excellence</b></p> <p>Floor/ Room number: <b>6<sup>th</sup> Floor, Conference Room</b></p> <p>City: <b>Accra</b></p> <p>Country: <b>Ghana</b></p> <p>Date: <b>March 04, 2025</b></p> <p>Time: <b>10:00 a.m.</b></p>						
<b>ITB 26.1</b>	N/A						
<b>ITB 26.6</b>	<p>The Letter of Bid – Technical Part and the sealed envelope marked “SECOND ENVELOPE: FINANCIAL PART” <i>shall</i> be initialed by representatives of the Employer conducting Bid opening.</p> <p><i>Each Bid shall be initialed by a minimum of three (3) MoCD representatives and all bids shall be numbered.</i></p>						
<b>G. Evaluation of Technical Part of Bids</b>							
<b>ITB 31.2</b>	<p>The technical factors (sub-factors) and the corresponding weight out of 100% are:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Technical Factor</th> <th style="text-align: center;">weight in percentage (%)</th> </tr> </thead> <tbody> <tr> <td>1. Approach and methodology</td> <td style="text-align: right;"><b><u>30</u></b></td> </tr> <tr> <td> <b>1. Adequacy and quality of the proposed methodology</b> <ul style="list-style-type: none"> <li>• The proposed methodology is clear and responds to the Scope of the Project</li> <li>• Overall team composition is balanced and has an appropriate skills mix.</li> </ul> </td> <td style="text-align: right; vertical-align: bottom;"> <u>20</u>  <u>10</u> </td> </tr> </tbody> </table>	Technical Factor	weight in percentage (%)	1. Approach and methodology	<b><u>30</u></b>	<b>1. Adequacy and quality of the proposed methodology</b> <ul style="list-style-type: none"> <li>• The proposed methodology is clear and responds to the Scope of the Project</li> <li>• Overall team composition is balanced and has an appropriate skills mix.</li> </ul>	<u>20</u>  <u>10</u>
Technical Factor	weight in percentage (%)						
1. Approach and methodology	<b><u>30</u></b>						
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2. Work Plan	<b><u>15</u></b>
<ul style="list-style-type: none"> <li>• Work Plan and a statement clearly indicating the strategy of execution</li> <li>• How lessons learnt from similar projects will be implemented</li> <li>• Measures to avoid potential delays</li> </ul>	10 2 3
3. Management strategies and implementation plans (MSIPs) for (ESHS)	<b><u>15</u></b>
<ul style="list-style-type: none"> <li>• Environmental, Social Health and Safety specific risks identification</li> <li>• Comprehensive Environmental, Social, Health and Safety Management Strategies and Implementation Plans</li> <li>• Conduct of Conduct</li> </ul>	5 5 5
4. Qualifications and Competence of Service Provider's Personnel	<b><u>40</u></b>
<ol style="list-style-type: none"> <li>1. Project Lead</li> <li>2. Telecom Operations and Maintenance Specialist</li> <li>3. Telecom / Network Specialist:</li> <li>4. Quality Assurance Specialist</li> <li>5. Environmental, Health and Safety Specialist</li> <li>6. Social Safeguard Specialist</li> </ol>	<u>12</u> <u>7</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u>

The number of points to be assigned to each of the above positions shall be determined considering the following three sub-criteria and relevant percentage weights.

Sub-criteria	% Weight
1) General qualification (general education, training, and member of a professional body)	20%
2) Adequacy for the Assignment (relevant training, and total working experience in years in the sector/ Similar Assignments)	70%
3) Relevant experience in the region (working conditions, fluency in local language and similar environment)	10%

**The minimum Technical score (St) required to pass is: 70%**



<b>H. Notification of Evaluation of Technical Parts and Public Opening of Financial Parts</b>	
<b>ITB 32.5</b>	<p>The Letter of Bid – Financial Part and Schedules shall be initialed by a minimum of three (3 nos.) representatives of the Employer conducting Bid opening.</p> <p><i>Each Financial Part of Bid shall be initialed by all representatives and shall be numbered, any modification to the unit or total price shall be initialed by the Representative of the Employer.</i></p>
<b>I. Evaluation of Financial Part of Bids</b>	
<b>ITB 35.1 (f)</b>	Additional requirements apply. These are detailed in the evaluation criteria in Section III, Evaluation and Qualification Criteria.
<b>ITB 36.1</b>	<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: USD</p> <p>The source of Exchange rate shall be: <i>Bank of Ghana</i></p> <p>The date for the exchange rate shall be: March 04, 2025</p>
<b>J. Evaluation of Combined Technical and Financial Parts and Most Advantageous Bid</b>	
<b>ITB 38.1</b>	The weight to be given for cost is: <b>Fifty percent (50%) or 0.5</b>
<b>K. Award of Contract</b>	
<b>ITB 47</b>	<p>The Adjudicator proposed by the Employer is: To be determined</p> <p>The hourly fee for this proposed Adjudicator shall: To be determined.</p> <p>The biographical data of the proposed Adjudicator is as follows: To be determined.</p>
<b>ITB 48.1</b>	<p>The procedures for making a Procurement-related Complaint are detailed in the “<a href="#">Procurement Regulations for IPF Borrowers</a> (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><b>The Chief Director</b>  Attn: The Project Coordinator:  Ghana Digital Acceleration Project (GDAP)  Project Rooms 39 Fifth Floor,  Ministry of Communications and</p>

Digitalisation Office Complex  
Abdul Diouf Street, near Kofi Annan ICT  
Centre of Excellence  
P.O. Box M.38, Ministries, Accra Ghana  
Digital Address: GA-079-0539  
To Email: [pcu.gdap@moc.gov.gh](mailto:pcu.gdap@moc.gov.gh)

In summary, a Procurement-related Complaint may challenge any of the following:

1. the terms of the Bidding Documents;
2. the Employer's decision to exclude a Bidder from the procurement process prior to the award of contract; and
3. the Employer's decision to award the contract.

## **Section III - Evaluation and Qualification Criteria**

This section contains all the criteria that the Employer shall use to evaluate Bids and qualify Bidders. No other factors, methods or criteria shall be used other than specified in this Bidding document. The Bidder shall provide all the information requested in the forms included in Section IV, Bidding Forms.

Wherever a Bidder is required to state a monetary amount, Bidders should indicate the USD equivalent using the rate of exchange determined as follows:

- For turnover or financial data required for each year - Exchange rate prevailing on the last day of the respective calendar year (in which the amounts for that year are to be converted) was originally established.
- Value of single contract - Exchange rate prevailing on the date of the contract.

Exchange rates shall be taken from the publicly available source identified in the ITB 36.1. Any error in determining the exchange rates in the Bid may be corrected by the Employer.

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<b>4. Combined Evaluation .....</b>	<b>52</b>
<b>5. Multiple Contracts .....</b>	<b>52</b>

# 1. Qualification

## Qualification

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 five years;
- (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;
- (d) list of major items of equipment proposed to carry out the Contract;
- (e) qualifications and experience of key site management and technical personnel proposed for the Contract;
- (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;
- (j) proposals for subcontracting components of the Services amounting to more than 10 percent of the Contract Price; and
- (k) if required by the Employer, Environmental and Social (ES) past performance declaration (see below at the end of this section).

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) average 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) Suitably qualified key personnel specified below and other key personnel that the Bidder considers appropriate to perform the Services; 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**.
- (f) A consistent history of litigation or arbitration awards against the Bidder or any member of a Joint Venture may result in disqualification.

At the time of Contract award, successful Bidder (including each member of a JV) shall not be subject to disqualification by the Bank due to noncompliance with contractual SEA/SH prevention and response obligations. If any proposed subcontractor does not meet the requirement, the Employer will require the Bidder to propose a replacement subcontractor.

### Qualification Requirements

<b>Joint Ventures</b>	<p>The information needed for Bids submitted by joint ventures is as follows: An Existing JV Agreement or MOU indicating an Intention to form a JV upon award of the contract.</p> <p>All joint members shall be jointly and severally liable for the Implementation of the Service Contract.</p> <p>All joint members shall be jointly and severally liable for the Implementation of the Service Contract.</p> <p>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 annual volume, experience, and liquidity; 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.</p>
<b>Annual Volume</b>	The minimum average annual volume of Services for the successful Bidder over the last five years shall be: US\$10 million
<b>General Experience</b>	Firm have at least 5 years of direct experience on planning, engineering, supply and delivery, installation, testing and commissioning and experience in operations and maintenance of optical fibre transmission backbone projects/systems with major telecommunications carriers in Ghana.
<b>Specific Experience</b>	The prospective Bidder should have completed at least two (2) contracts of similar nature within the last five (5) years, each of at least USD8 Million in value for the Development, Customization, Implementation and Maintenance of Network Connectivity

<p><b>Key Personnel</b></p>	<p><b>Project Lead</b> : Minimum 10 years’ experience in networking and telecommunication systems. Responsible for overall project coordination, stakeholder engagement, and monitoring project progress.</p> <ul style="list-style-type: none"> <li>• At least Master’s degree in Telecommunication Engineering/Engineering Management/Project Management and other related field.</li> <li>• Should be a certified and practicing Project Manager with a proven track record of having deployed at least two similar projects in scope and price.</li> <li>• Proven track record in managing similar projects within Ghana/Africa.</li> <li>• Strong communication, organizational and problem-solving skills</li> <li>• A member of a recognized professional body.</li> <li>• Must have an expertise in project Management.</li> <li>• Demonstrated experience of leading cross-functional teams</li> </ul> <p><b>Telecom Operations and Maintenance Specialist:</b> Minimum 7 years’ experience in O&amp;M of large network project.</p> <ul style="list-style-type: none"> <li>• At least Master’s degree in Telecommunication Engineering/Engineering Management/Project Management and other related field.</li> <li>• Strong communication, organizational and problem solving skills</li> <li>• Experience and knowledge of Service Level Agreement (SLA) structure and its</li> <li>• Proven track record in managing similar projects within Ghana/Africa.</li> <li>• A member of a recognized professional body.</li> <li>• Experience in developing specifications to suit programmatic needs</li> <li>• Demonstrated experience in telecom installations and training</li> <li>• Must have an expertise in project Management</li> <li>• Demonstrated experience of leading cross-functional teams</li> </ul> <p><b>Telecom / Network Specialist:</b> Minimum 7 years’ experience in network connectivity.</p> <ul style="list-style-type: none"> <li>• At least Master’s degree in Telecommunication Engineering/Engineering Management/Project Management and other related field.</li> <li>• Should have good experience in enterprise network design solutions. The experience should span on network planning, capacity management, fiber and microwave design. He should also have experience in network optimization. The experience should cut across core, backbone and access network.</li> <li>• Proven track record in managing similar projects within Ghana/Africa.</li> <li>• A member of a recognized professional body.</li> <li>• Must have an expertise in project Management</li> </ul> <p><b>Quality Assurance Specialist</b> : Bachelor’s Degree: Often required in fields such as Computer Science, Information Technology, Engineering, Life Sciences, Business Administration, or a related discipline.</p> <ul style="list-style-type: none"> <li>• QA Experience: Typically, 2-5 years of experience in quality assurance, quality control, or a related field. Experience with specific QA methodologies and tools relevant to the industry is often required</li> <li>• Certified Quality Engineer (CQE)</li> <li>• Certified Software Quality Analyst (CSQA): For those in the software industry.</li> <li>• Testing Skills: Proficiency in manual and automated testing techniques, test case creation, and execution.</li> <li>• Communication Skills: Excellent verbal and written communication skills for clear reporting and collaboration with team members and stakeholders.</li> <li>• Documentation Skills: Proficiency in creating and maintaining detailed documentation for test plans, test cases, and defect reports.</li> </ul> <p><b>Environment, Health, and Safety Specialist:</b></p>
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	<ul style="list-style-type: none"> <li>• Minimum 7 years’ experience in managing ESS</li> <li>• At least a Master’s degree in environmental, social, or other related field.</li> <li>• Should have experience in identifying environmental and social aspects and concerns associated with the construction/rehabilitation activities and the delivery of social services,</li> <li>• Proven track record in managing similar projects within Ghana/Africa.</li> <li>• A member of a recognized professional body.</li> </ul> <p>Must have experience preparing guidelines to plan, implement, and monitor measures related to any land acquisition and involuntary resettlement that may arise in the course of the implementation of projects.</p> <p><b>Social Specialist:</b></p> <ul style="list-style-type: none"> <li>• Minimum 7 years’ experience in managing social and safeguard issues</li> <li>• At least a Master’s degree in environmental, social, or other related field.</li> <li>• Should have experience in identifying environmental and social aspects and concerns associated with the construction/rehabilitation activities and the delivery of social services,</li> <li>• Proven track record in managing similar projects within Ghana/Africa.</li> <li>• A member of a recognized professional body.</li> <li>• Must have experience preparing guidelines to plan, implement, and monitor measures related to any land acquisition and involuntary resettlement that may arise in the course of the implementation of projects.</li> </ul>
<b>Liquid Assets</b>	The minimum amount of liquid assets and/or credit facilities net of other contract commitments of the successful Bidder shall be: US\$3million.
<b>Subcontractors</b>	Subcontractors’ experience <i>shall not</i> be taken into account.
<b>Manufacturer’s Authorization</b>	A Bidder that does not manufacture or produce the Goods it offers to supply under Phase 2 of the contract shall submit the Manufacturer’s Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Employer’s Country.
<b>Maintenance, Repair and Spare parts stocking</b>	In case of a Bidder not doing business within the Employer’s Country, the Bidder shall demonstrate that it is or will be (if awarded the Contract) represented by an Agent in the country equipped and able to carry out the Supplier’s maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications.
<b>Forced Labor past performance declaration</b>	The bidder (including for JV each member of the JV), Subcontractors, suppliers and/or manufacturers proposed by the bidder shall declare any contracts that have been suspended or terminated, and/or other contractual remedies applied including calling of performance security by an employer, for reasons of breach of forced labor obligations in the past five years, using Forced Labor Performance Declaration form, included in Section IV, Bidding Forms.





### **Declaration: Environmental and Social (ES) past performance**

The Bidder ( if joint venture, each member of a joint venture) shall declare, using the form in Section IV, any contract that has been suspended or terminated and/or performance security called by an employer, in the past five years, for reasons of breach of environmental or social (including Sexual Exploitation and Abuse) contractual obligations. The Employer may use this information to seek further information or clarifications in carrying out its due diligence.

## **2. Evaluation of Technical Proposal**

Assessment of adequacy of Technical Proposal with Requirements in accordance with ITB 31.1:

Prior to being considered for technical evaluation in accordance with the factors/subfactors outlined in ITB 31.2 of the Bid Datasheet, the Employer shall examine the Technical Proposal, on a Pass/Fail basis, to confirm that:

- The Technical and Functional Requirements specified in Section VII- Schedule of Requirements, have been substantially met, without material deviation, reservation, or omission.
- The Technical Specifications for Goods and Related Services to be supplied under Phase 2 of the Contract, specified in Section VII- Schedule of Requirements have been substantially met, without material deviation, reservation, or omission.

### **Technical and Functional Requirements**

CRITERIA			Yes/No	Service Provider's response
1.a	<b>Current Backbone Network, Coverage, and Capacity</b>			
	<b>Core Network Architecture</b> Evaluate the design and robustness of the bidder's core network, including data centers, switching centers, and cloud integration.			
	<b>Backhaul and Transport Network</b> Examine the bidder's backbone network for reliability and redundancy, including fiber optics, microwave links, and satellite options.			
	<b>Reliability and Uptime</b> Evaluate the bidder's current network's reliability and target uptime, including disaster recovery and redundancy plans.			
	<b>Capacity Planning</b> Assess the network's capacity to handle current and projected user loads, including peak traffic conditions.			
	<b>Coverage Area</b> Evaluate fiber footprint and coverage, ensuring it meets nationwide requirements, including urban, suburban, and rural areas, relevant to task.			

	<b>Quality of Service (QoS)</b> Assess the mechanisms in place to ensure consistent QoS for different types of traffic and services.			
	<b>Network Security</b> Assess the security measures in place to protect against cyber threats, including encryption, firewalls, and intrusion detection systems.			
	<b>Network Management</b> Evaluate the tools and processes for network monitoring, management, and optimization.			
	<b>Provided ISP license and Microwave Licenses from Regulator</b>			
<b>1.b</b>	<b>Proposed Solution (Core)</b>			
	Design for core network is provides reliability and AI driven manageability and moniroting			
	Capability of easily integrating with GovNet Core			
	Redundancy and high availability of core network devices and interconnecting infrastrcuture			
	System Architecture of core assures scalability and future technology compatibility			
	System Architecture of core assure securtiy of traffic from Last Mile sites, cross service providers network to exit nodes at National Data Centers			
	System Architecture of core assure capability of segregating traffic for each site or clustering			
	Proposed core network equipment are capable of providing capacity and network functionality required			
	Proposed core network equipment assures reliability and reputation of the equipment and service vendors.			
<b>1.c</b>	<b>Proposed Solution (Last Mile)</b>			
	Proposed design alternatives for last mile network provides reliability capable of meeting SLA			
	Capability of easily integrating with GovNet Core			
	Last Mile Equipment and CPE are capable of providing traffic speeds and reliability required for links			
	CPE capable of integrating multiple links and automatic link failover			
	Provided design drawings for all customer end connectivity scenarios detailing cabling architecture and device responsibilitites			
<b>1.d</b>	<b>Software (End-to-End Network Management Application software):</b>			
	The proposal shall stipulate the provision of Network Management portal available to client via Web			
	The proposal must outline the setup Network Operations Centre			

	The proposal must outline the operation strategy of Network Operations Centre to provide reliable monitoring of network			
	The proposal must detail all tools that will be setup to conduct: i. Speedtests, Latency and Jitter ii. Traffic Security Monitoring			
	The proposal must outline the setup Help Desk			
	The proposal must outline the operation strategy of Help Desk to provide support to client			
<b>1.e</b>	<b>Others Expectations</b>			
	Change management and communication sub-plan			
	Network design, development and customization sub-plan			
	Delivery and installation sub-plan			
	System integration sub-plan			
	Training sub-plan			
	Inspection, pre-commissioning and operational acceptance sub-plan			
	Warranty service and technical support sub- plan			
	Innovation/ Suggestions to reduce timelines of implementation, improve effectiveness, adoption of e-Government Network Platform by MDAs, new networks, etc			
<b>1.f</b>	<b>General Responsiveness of Technical Proposal</b>			
	Compliance to Functional Requirements			
	Compliance with the technical requirements			
	Comprehensiveness of Testing plans			
	Comprehensiveness of the project plan			

### Technical Proposal Scoring Methodology

The factors and sub-factors specified in ITB 31.2 of the Bid Datasheet shall be applied to the Technical Proposals which have been deemed to be substantially responsive to the technical requirements mentioned above. In doing so, the following scoring methodology shall be applied:

Score (of the total score for the factor/subfactor as applicable)	Description	Remarks
0	Required feature is absent; no relevant information to demonstrate how the requirement is met	
1	Required feature present with deficiencies such as insufficient or information that lacks clarity	
2	Sufficient information to demonstrate how the requirement will be met	
3	Sufficient information to demonstrate that the requirement will be marginally exceeded	
4	Sufficient information that significantly exceed the requirement/proposal contributes to significant value addition	

The score for each sub- factor (i) within a factor (j) will be combined with the scores of sub-factors in *the* same factor as a weighted sum to form the Factor Technical Score using the following formula:

$$S_j \equiv \sum_{i=1}^k t_{ji} * w_{ji}$$

where:

$t_{ji}$  = the technical score for sub- factor “i” in factor “j”,

$w_{ji}$  = the weight of sub- factor “i” in factor “j”,

$k$  = the number of scored sub-factors in factor “j”, and

$$\sum_{i=1}^k w_{ji} = 1$$

The Factor *Technical* Scores will be combined in a weighted sum to form the total Technical Proposal Score using the following formula:

$$T \equiv \sum_{j=1}^n S_j * W_j$$

where:

$S_j$  = the Factor Technical Score of factor “j”,

$W_j$  = the weight of factor “j” as specified **in the BDS**,

$n$  = the number of Factors, and

$$\sum_{j=1}^n W_j = 1$$

### Alternative Technical Solutions for specified parts of the Works

N/A

## 3. Financial Evaluation

### Criteria for Financial Evaluation

In addition to the criteria listed in ITB 35.1 (a) – (e) the following criteria shall apply: N/A

## 4. Combined Evaluation

The Employer will evaluate and compare the Bids that have been determined to be substantially responsive.

An Evaluated Bid Score (B) will be calculated for each responsive Bid using the following formula, which permits a comprehensive assessment of the evaluated cost and the technical merits of each Bid:

$$B \equiv \frac{C_{low}}{C} * X * 100 + \frac{T}{T_{high}} * (1 - X) * 100$$

Where:

$C$  = Evaluated Bid Cost

$C_{low}$  = the lowest of all Evaluated Bid Costs among responsive Bids

$T$  = the total Technical Score awarded to the Bid

$T_{high}$  = the Technical Score achieved by the Bid that was scored best among all responsive Bids

$X$  = weight for Cost as specified **in the BDS**

The Bid with the best evaluated Bid Score (B) among responsive Bids shall be the Most Advantageous Bid provided the Bidder is qualified to perform the Contract.

## 5. Multiple Contracts – Not Applicable



## Section IV- Bidding Forms

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**Price Schedules for Goods and Related Services under Phase 2**

**Manufacturer Authorization**

**Forced Labor Declaration**

**Forced Labor Performance Declaration**

### Letter of Bid -Technical Part

***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]*

We, the undersigned, hereby submit our Bid, in two parts, namely:

- (a) the Technical Part, and
- (b) the Financial Part

In submitting our Bid, we make the following declarations:

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 have not 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) **Exploitation and Abuse (SEA) and/or Sexual Harassment (SH):** *[select the appropriate option from (i) to (iii) below and delete the others].*

We *[where JV, insert: "including any of our JV members"]*, and any of our subcontractors:

- (i) [have not been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.]
- (ii) [are subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.]
- (iii) [had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations. An arbitral award on the disqualification case has been made in our favor.]

- (e) **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]*;
- (f) **Bid Validity Period:** Our Bid shall be valid until *[insert day, month and year in accordance with ITB 19.1]*, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (g) **Performance Security:** If our Bid is accepted, we commit to obtain a Performance Security in accordance with the bidding document;
- (h) **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;
- (i) **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;
- (j) **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];*
- (k) **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;
- (l) **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
- (m) **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 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.

\*\* : 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.

## **Appendix to Technical Part**

The Bidder shall complete as appropriate and attach to the Letter of Bid-Technical Part, relevant documents, including the following, to demonstrate its qualifications and technical capacity to mobilize relevant resources for the contract, consistent with its proposal regarding work methods, scheduling etc., and fully in accordance with the requirements stipulated in Section VII, Employer's Requirements:

1. Bidder's qualifications;
2. Description of the Services, including demonstrating that the services will meet or exceed any specified performance requirements;
3. Method Statement;
4. Code of Conduct; and
5. Work Plan.

## 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"> <li>• Legal and financial autonomy</li> <li>• Operation under commercial law</li> <li>• Establishing that the Bidder is not under the supervision of the agency of the Employer</li> </ul>
8. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership. <i>[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>[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 Environmental and Social (ES) performance declaration, if required, and Sexual Exploitation and Abuse (SEA) and/or Sexual Harassment Performance Declaration, using the forms included in this Section IV.

1.13 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 - 1.12 above shall be provided for each member of the joint venture (and each subcontractor for the SEA/SH declaration).

2.2 The information in 1.13 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.**

## Environmental and Social Performance Declaration

*[Note to the Employer: Include this form if applicable in accordance with Section III]*

*[The following table shall be filled in for the Bidder and each member of a Joint Venture]*

Bidder's Name: *[insert full name]*  
 Date: *[insert day, month, year]*  
 Joint Venture Member's Name: *[insert full name]*  
 RFB No. and title: *[insert RFB number and title]*  
 Page *[insert page number]* of *[insert total number]* pages

Environmental and Social Performance Declaration			
<input type="checkbox"/> <b>No suspension or termination of contract:</b> An employer has not suspended or terminated a contract and/or called the performance security for a contract for reasons related to Environmental or Social (ES) performance, in the past five years.			
<input type="checkbox"/> <b>Declaration of suspension or termination of contract:</b> The following contract(s) has/have been suspended or terminated and/or Performance Security called by an employer(s) for reasons related to Environmental or Social (ES) performance, in the past five years. Details are described below:			
Year	Suspended or terminated portion of contract	Contract Identification	Total Contract Amount (current value, currency, exchange rate and US\$ equivalent)
<i>[insert year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for suspension or termination: <i>[indicate main reason(s) e.g. gender-based violence; sexual exploitation or sexual abuse breaches]</i>	<i>[insert amount]</i>
<i>[insert year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for suspension or termination: <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>
...	...	<i>[list all applicable contracts]</i>	...

<b>Performance Security called by an employer(s) for reasons related to ES performance</b>		
<b>Year</b>	<b>Contract Identification</b>	<b>Total Contract Amount (current value, currency, exchange rate and US\$ equivalent)</b>
<i>[insert year]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for calling of performance security: <i>[indicate main reason(s), e.g. gender-based violence; sexual exploitation, or sexual abuse breaches]</i>	<i>[insert amount]</i>

## Sexual Exploitation and Abuse (SEA) and/or Sexual Harassment Performance Declaration

*[The following table shall be filled in for the Bidder, each member of a Joint Venture and each subcontractor proposed by the Bidder]*

Bidder's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member's or Subcontractor's Name: *[insert full name]*

RFB No. and title: *[insert RFB number and title]*

Page *[insert page number]* of *[insert total number]* pages

<b>SEA and/or SH Declaration</b>
<p>We:</p> <p><input type="checkbox"/> (a) have not been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations</p> <p><input type="checkbox"/> (b) are subject to disqualification by the Bank for non-compliance with SEA/ SH obligations</p> <p><input type="checkbox"/> (c) had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations. An arbitral award on the disqualification case has been made in our favor.</p>
<p><b><i>[If (c) above is applicable, attach evidence of an arbitral award reversing the findings on the issues underlying the disqualification.]</i></b></p>

## **Services**

The Bidder shall submit documentary evidence to demonstrate that the Services to be provided will meet or exceed the technical specifications and standards specified in Section VII, Employer's Requirements, including any specified performance requirements.

## Method Statement

The Bidder shall submit its method statement for the Services to be provided.

*[ **Note to the Employer:** Include the following if applicable in accordance with the Bid Data Sheet 12.1 (h); modify as appropriate]*

*The Bidder shall submit comprehensive and concise Environmental and Social Management Strategies and Implementation Plans (ES-MSIP) as required by ITB 12.1 (h) of the Bid Data Sheet. These strategies and plans shall describe in detail the actions, materials, equipment, management processes etc. that will be implemented by the Service Provider, and its Subcontractors.*

*In developing these strategies and plans, the Bidder shall have regard to the ES provisions of the contract including those as may be more fully described in the Employer's Requirements in Section VII.]*

*[In addition to submitting the **required** ES Management Strategies and Implementation Plans, the Bidder shall provide its proposal to demonstrate how additional sustainable procurement requirements, if any, specified in Section VII- Employer's Requirements would be addressed. The Bidder shall also provide its proposal, if any, for exceeding the sustainable procurement requirements]*

*[**Note to the Bidder:** If required, also include proposed method statement to manage cyber security risks.]*

## Code of Conduct for Service Provider's Personnel Form (ES)

**Note to the Employer:**

*The following minimum requirements shall not be modified. The Employer may add additional requirements to address identified issues, informed by relevant environmental and social assessment.*

*Delete this Box prior to issuance of the bidding documents.*

**Note to the Bidder:**

**The minimum content of the Code of Conduct form as set out by the Employer shall not be substantially modified.** However, the Bidder may add requirements as appropriate, including to take into account Contract-specific issues/risks.

The Bidder shall initial and submit the Code of Conduct form as part of its bid.

### CODE OF CONDUCT FOR SERVICE PROVIDER'S PERSONNEL

We are the Service Provider, [enter name of Service Provider]. We have signed a contract with [enter name of Employer] for [enter description of the Services]. The Services will be carried out at [enter the locations in the Employer's country where the Services are required, as applicable]. Our contract requires us to implement measures to address *environmental and social risks* [ **Note to Employer:** *depending on the nature of the contract and assessed risks, this may be replaced with social risks*], related to the Services.

This Code of Conduct is part of our measures to deal with environmental and social risks [ **Note to Employer:** *depending on the nature of the contract and assessed risks, this may be replaced with social risks*] related to the Services.

All personnel that we utilize in the execution of the Services, including the staff, labor and other employees of us and each Subcontractor, and any other personnel assisting us in the execution of the Services, are referred to as Service Provider's Personnel.

This Code of Conduct identifies the behavior that we require from the Service Provider's Personnel employed for the execution of the Services at the locations in the Employer's country where the Services are provided.

Our workplace is an environment where unsafe, offensive, abusive or violent behavior will not be tolerated and where all persons should feel comfortable raising issues or concerns without fear of retaliation.

## REQUIRED CONDUCT

Service Provider's Personnel employed for the execution of the Services at the locations in the Employer's country where the Services are provided shall:

1. carry out his/her duties competently and diligently;
2. comply with this Code of Conduct and all applicable laws, regulations and other requirements, including requirements to protect the health, safety and well-being of other Service Provider's Personnel and any other person;
3. maintain a safe working environment including by:
  - a. ensuring that workplaces, machinery, equipment and processes under each person's control are safe and without risk to health;
  - b. wearing required personal protective equipment;
  - c. using appropriate measures relating to chemical, physical and biological substances and agents; and
  - d. following applicable emergency operating procedures.
4. report work situations that he/she believes are not safe or healthy and remove himself/herself from a work situation which he/she reasonably believes presents an imminent and serious danger to his/her life or health;
5. treat other people with respect, and not discriminate against specific groups such as women, people with disabilities, migrant workers or children;
6. not engage in any form of sexual harassment including unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature with other Service Provider's or Employer's Personnel;
7. not engage in Sexual Exploitation, which means any actual or attempted abuse of position of vulnerability, differential power or trust, for sexual purposes, including, but not limited to, profiting monetarily, socially or politically from the sexual exploitation of another;
8. not engage in Sexual Abuse, which means the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions;
9. not engage in any form of sexual activity with individuals under the age of 18, except in case of pre-existing marriage;
10. complete relevant training courses that will be provided related to the environmental and social aspects of the Contract, including on health and safety matters, and Sexual Exploitation and Abuse, and Sexual Harassment (SH);
11. report violations of this Code of Conduct; and
12. not retaliate against any person who reports violations of this Code of Conduct, whether to us or the Employer, or who makes use of applicable grievance mechanism for Service Provider's Personnel or the project's Grievance Redress Mechanism.



**RAISING CONCERNS**

If any person observes behavior that he/she believes may represent a violation of this Code of Conduct, or that otherwise concerns him/her, he/she should raise the issue promptly. This can be done in either of the following ways:

1. Contact [*enter name of the individual, with relevant experience, designated by the Service provider to handle these matters*] in writing at this address [ ] or by telephone at [ ] or in person at [ ]; or
2. Call [ ] to reach the Service Provider’s hotline (*if any*) and leave a message.

The person’s identity will be kept confidential, unless reporting of allegations is mandated by the country law. Anonymous complaints or allegations may also be submitted and will be given all due and appropriate consideration. We take seriously all reports of possible misconduct and will investigate and take appropriate action. We will provide warm referrals to service providers that may help support the person who experienced the alleged incident, as appropriate.

There will be no retaliation against any person who raises a concern in good faith about any behavior prohibited by this Code of Conduct. Such retaliation would be a violation of this Code of Conduct.

**CONSEQUENCES OF VIOLATING THE CODE OF CONDUCT**

Any violation of this Code of Conduct by the Service Provider’s Personnel may result in serious consequences, up to and including termination and possible referral to legal authorities.

**FOR SERVICE PROVIDER’S PERSONNEL:**

I have received a copy of this Code of Conduct written in a language that I comprehend. I understand that if I have any questions about this Code of Conduct, I can contact [*enter name of Service Provider’s contact person(s) with relevant experience*] requesting an explanation.

Name of Service Provider’s Personnel: [insert name]

Signature:

\_\_\_\_\_

Date: (day month year): \_\_\_\_\_

Countersignature of authorized representative of the Service Provider:

Signature: \_\_\_\_\_

Date: (day month year): \_\_\_\_\_

**ATTACHMENT 1: Behaviors constituting SEA and behaviors constituting SH**

**ATTACHMENT 1 TO THE CODE OF CONDUCT FORM****BEHAVIORS CONSTITUTING SEXUAL EXPLOITATION AND ABUSE (SEA) AND  
BEHAVIORS CONSTITUTING SEXUAL HARASSMENT (SH)**

The following non-exhaustive list is intended to illustrate types of prohibited behaviors.

(1) **Examples of sexual exploitation and abuse** include, but are not limited to:

- A Service Provider's Personnel tells a member of the community that he/she can get them jobs related to the work site (e.g. cooking and cleaning) in exchange for sex.
- A Service Provider's Personnel that is connecting electricity input to households says that he can connect women headed households to the grid in exchange for sex.
- A Service Provider's Personnel rapes, or otherwise sexually assaults a member of the community.
- A Service Provider's Personnel denies a person access to the locations where the Services are executed unless he/she performs a sexual favor.
- A Service Provider's Personnel tells a person applying for employment under the Contract that he/she will only hire him/her if he/she has sex with him/her.

(2) **Examples of sexual harassment in a work context**

- A Service Provider's Personnel comment on the appearance of another Service Provider's Personnel (either positive or negative) and sexual desirability.
- When a Service Provider's Personnel complains about comments made by another Service Provider's Personnel on his/her appearance, the other Service Provider's Personnel comment that he/she is "asking for it" because of how he/she dresses.
- Unwelcome touching of a Service Provider's Personnel or Employer's Personnel by another Service Provider's Personnel.
- A Service Provider's Personnel tells another Service Provider's Personnel that he/she will get him/her a salary raise, or promotion if he/she sends him/her naked photographs of himself/herself.

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## **Work Plan**

**Others - Time Schedule – N/A**

## **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 prior to the Bid validity expiry date set forth in the Bidder's Letter of Bid, or any extended date provided by the Applicant; or
- (b) having been notified of the acceptance of its Bid by the Beneficiary prior to the expiry date of the Bid validity 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 expiry date of the Bid validity.

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.

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*[Signature(s)]*

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

## Form of Bid Security (Bid Bond)

*[The Surety shall fill in this Bid Bond Form in accordance with the instructions indicated.]*

BOND NO. \_\_\_\_\_

BY THIS BOND *[name of Bidder]* as Principal (hereinafter called “the Principal”), and *[name, legal title, and address of surety]*, **authorized to transact business in** *[name of country of Employer]*, as Surety (hereinafter called “the Surety”), are held and firmly bound unto *[name of Employer]* as Obligee (hereinafter called “the Employer”) in the sum of *[amount of Bond]*<sup>1</sup> *[amount in words]*, for the payment of which sum, well and truly to be made, we, the said Principal and Surety, bind ourselves, our successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Principal has submitted or will submit a written Bid to the Employer dated the \_\_\_\_ day of \_\_\_\_\_, 20\_\_, for the supply of *[name of Contract]* (hereinafter called the “Bid”).

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that if the Principal:

- (a) withdraws its Bid prior to the Bid validity expiry date set forth in the Principal’s Letter of Bid, or any extended date provided by the Principal; or
- (b) having been notified of the acceptance of its Bid by the Employer prior to the expiry date of the Bid validity or any extension thereto provided by the Applicant has failed to: (i) execute the Contract agreement; or (ii) furnish the Performance Security, in accordance with the Instructions to Bidders (“ITB”) of the Employer’s bidding document.

then the Surety undertakes to immediately pay to the Employer up to the above amount upon receipt of the Employer’s first written demand, without the Employer having to substantiate its demand, provided that in its demand the Employer shall state that the demand arises from the occurrence of any of the above events, specifying which event(s) has occurred.

The Surety hereby agrees that its obligation will remain in full force and effect up to and including the date 28 days after the date of expiry of the Bid validity set forth in the Principal’s Letter of Bid or any extension thereto provided by the Principal.

IN TESTIMONY WHEREOF, the Principal and the Surety have caused these presents to be executed in their respective names this \_\_\_\_ day of \_\_\_\_\_ 20\_\_.

Principal: \_\_\_\_\_ Surety: \_\_\_\_\_  
 Corporate Seal (where appropriate)

<sup>1</sup> The amount of the Bond shall be denominated in the currency of the Employer’s Country or the equivalent amount in a freely convertible currency.

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*(Signature)*  
*(Printed name and title)*

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*(Signature)*  
*(Printed name and title)*





## Forced Labor Performance Declaration

***[The following table shall be filled in by the Bidder, each member of a Joint Venture, each Subcontractor/ supplier/ manufacturer providing solar panels and/or solar panel components proposed by the Bidder]***

**Bidder's Name:** *[insert full name]*

**Date:** *[insert day, month, year]*

**Joint Venture Member's or Subcontractor's/supplier's/manufacturer's Name:** *[insert full name]*

**RFB No. and title:** *[insert RFB number and title]*

**Page** *[insert page number]* **of** *[insert total number]* **pages**

<b>Forced Labor Performance Declaration in accordance with Section III, Evaluation and Qualification Criteria</b>											
<p><b>We:</b></p> <p><input type="checkbox"/> (a) have not been suspended or terminated, and/or other contractual remedies applied including calling of performance security by an employer, for reasons of breach of forced labor obligations in the past five years. <i>[ if (a) is declared, state N/A for (b) below]</i></p> <p><input type="checkbox"/> (b) have been suspended or terminated, and/or other contractual remedies applied including calling of performance security by an employer, for reasons of breach of forced labor obligations in the past five years. Details are provided below:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 10%;">Year</th> <th style="text-align: left; width: 20%;">Contract identification</th> <th style="text-align: left; width: 20%;">Name of Employer</th> <th style="text-align: left; width: 50%;">Reasons for suspension or, termination, and/or other contractual remedies applied including calling performance security</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> </tbody> </table> <p><input type="checkbox"/> (c) <i>[If (b) above is applicable, attach evidence demonstrating that adequate capacity and commitment to comply with Forced Labor obligations.]</i></p>				Year	Contract identification	Name of Employer	Reasons for suspension or, termination, and/or other contractual remedies applied including calling performance security	-	-	-	-
Year	Contract identification	Name of Employer	Reasons for suspension or, termination, and/or other contractual remedies applied including calling performance security								
-	-	-	-								

**We declare that all the information and statements made in this Form are true, and we accept that any misrepresentation contained in this Form may lead to our disqualification by the Employer and/or sanctions by the Bank.**

Name of the Bidder/ JV member/ Subcontractor/ supplier/ manufacturer \_\_\_\_\_

Name of the person duly authorized to sign on behalf of the Bidder/ JV member/ Subcontractor/ supplier/manufacturer \_\_\_\_\_

Title of the person signing on behalf of the Bidder/ JV member/ Subcontractor/ supplier/ manufacturer \_\_\_\_\_

Signature of the person named above \_\_\_\_\_

Date signed \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

Countersignature of authorized representative of the Bidder (for forms submitted by a JV member, Subcontractor/ supplier/ manufacturer):

Signature: \_\_\_\_\_

Date signed \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

## Forced Labor Declaration

Date: \_\_\_\_\_

RFB No.: \_\_\_\_\_

Alternative No.: \_\_\_\_\_

Contract Title: \_\_\_\_\_

To:

**We, the undersigned, declare that, if awarded the Contract, we, including our Subcontractors and suppliers/ manufacturers, are required to comply with the contractual Forced Labor obligations. In this regard, we:**

- (a) accept that there will be no Forced Labor among the staff, employees, workers and any other persons employed or engaged by us;
- (b) accept that staff, employees, workers and any other persons employed or engaged, will be hired under employment conditions that meet the contractual obligations set out in the Contract;
- (c) will include in our contracts with Subcontractors/ suppliers/ manufacturers of *[solar panels] [solar panel components]* obligations to prevent Forced Labor among the staff, employees, workers and any other person employed or engaged by the Subcontractor/ supplier/ manufacturer;
- (d) will include in our contracts with Subcontractors/ suppliers/ manufacturers of *[solar panels] [solar panel components]*, that the Subcontractors/ suppliers/ manufacturers include an obligation to prevent Forced Labor in all contracts that they execute with their suppliers/ manufacturers of *[solar panel][solar panel components]*;
- (e) will monitor our Subcontractors/ suppliers/ manufacturers of *[solar panels][solar panel components]* on implementation of obligations to prevent Forced Labor among the staff, employees, workers and any other person employed or engaged by them;
- (f) will require our Subcontractors to monitor their suppliers/ manufacturers of *[solar panels][solar panel components]* on implementation of obligations to prevent Forced Labor among the staff, employees, workers and any other person employed or engaged by them;
- (g) will require our Subcontractors/ suppliers/ manufacturers to immediately notify us of any incidents of Forced Labor;
- (h) will immediately notify the Employer any incident of Forced labor on the site, or premises of Subcontractors/ suppliers/ manufacturers of *[solar panels] [solar panel components]*;
- (i) will include in periodic progress reports submitted in accordance with the contract sufficient details on our, including our Subcontractors/ suppliers/ manufacturers , compliance with Forced Labor obligations; and we
- (j) confirm that the Subcontractors/ suppliers/ manufacturers for *[solar panels][solar panel components]* for this contract are (or likely to be):

**[Provide each firm’s name, address, primary contact, e-mail address, and the link to the firm’s website]**

**OR**

confirm that you have not yet finalized the Subcontractors/ suppliers/ manufacturers of solar panels/components, but when known the firm/s name(s), address(es), primary contact(s), e-mail address(es) and web site link(s) will be provided to the Employer, prior to signing the contract, with documentation demonstrating compliance with forced labor obligations to the Employer for approval].

**THEN**

**If (c) above is applicable,** attach evidence of how these contract obligations are/will be made.

**If (d) above is applicable,** attach evidence of how these contract obligations are/will be made.

**If (e) above is applicable,** please attach evidence of how this monitoring/due diligence is/will be undertaken (such as your inspection protocols, use of inspection agents, frequency of inspections, examples of previous factory/labor inspection reports etc.).

**If (f) above is applicable,** please attach evidence of how this monitoring/due diligence is/will be undertaken by Subcontractors (such as their inspection protocols, use of inspection agents, frequency of inspections, examples of previous factory/labor inspection reports etc.).

**We declare all the information and statements made in this Form are true, and we accept that any misrepresentation contained in this Form may lead to our disqualification by the Employer and/or sanctions by the Bank.**

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 Forced Labor Declaration must be in the name of all members to the Joint Venture that submits the Bid.]*



## Letter of Bid - Financial Part

*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]*

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

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

To: *[insert complete name of Employer]*

We, the undersigned, hereby submit the second part of our Bid, the Bid Price and Priced Activity Schedule. This accompanies the Letter of Bid- Technical Part.

In submitting our Bid, we make the following additional declarations:

- (a) **Bid Validity:** Our Bid shall be valid until *[insert day, month and year in accordance with ITB 19.1]*, and it shall remain binding upon us and may be accepted at any time on or before this date;
- (b) **Total Price:** The total price of our Bid, excluding any discounts offered in item (c) 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];*

- (c) **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*];
- (d) **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.”)

**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.

\*\*: 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

## **Appendix to Financial Part**

### **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 Priced **Activity Schedules** shall coincide with the List of Non-Consulting Services specified in the Employer's Requirements.]*



### 1. Priced 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>
					<b>Total Price for Phase 1:</b>	
					<b>Total Price for Phase 2:</b>	<i>[insert Total Price from Price Schedules for Goods and Related Services]</i>
<b>Total Bid Price</b>						

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

## 2. Prices Schedules for Goods and Related Services to be supplied under Phase 2 of the Contract

### Preamble:

The terms EXW, CIP, and other similar terms shall be governed by the rules prescribed in **Incoterms 2020**, published by the International Chamber of Commerce.

Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The disaggregation of price components is required solely for the purpose of facilitating the comparison of Bids by the Employer. This shall not in any way limit the Employer's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V, Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V, Eligible Countries. Prices shall be entered in the following manner:

(a) **For Goods manufactured in the Employer's Country:**

- (i) the price of the Goods quoted EXW (ex-works, ex-factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all customs duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;
- (ii) any Employer's Country sales tax and other taxes which will be payable on the Goods if the Contract is awarded to the Bidder; and
- (iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination (Project Sites) specified Section VII- Employer's Requirements.

(b) **For Goods manufactured outside the Employer's Country, to be imported:**

- (i) the price of the Goods, quoted CIP Tema, Ghana;
  - (ii) the price for inland transportation, insurance, and other local services required to convey the Goods from Tema, Ghana to their final destination (Project Sites) specified in Section VII- Employer's Requirements;
- (c) **For Goods manufactured outside the Employer's Country, already imported:**
- (i) the price of the Goods, including the original import value of the Goods; plus any mark-up (or rebate); plus any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported;
  - (ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;
  - (iii) the price of the Goods, obtained as the difference between (i) and (ii) above;
  - (iv) any Employer's Country sales and other taxes which will be payable on the Goods if the Contract is awarded to the Bidder; and
  - (v) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination (Project Sites) specified in Section VII- Employer's Requirements.
- (d) **for Related Services, other than inland transportation and other services required to convey the Goods to their final destination**, whenever such Related Services are specified in the Schedule of Requirements, the price of each item comprising the Related Services (inclusive of any applicable taxes).

## Price Schedule: Goods Manufactured Outside the Employer’s Country, to be Imported

Currencies in accordance with ITB 16							Date: _____	RFB No: _____
							Alternative No: _____	Page N° _____ of _____
1	2	3	4	5	6	7	8	9
Line Item N°	Description of Goods	Country of Origin	Delivery Date as defined by Incoterms	Quantity and physical unit	Unit price CIP Tema	CIP Price per line item (Col. 5x6)	Price per line item for inland transportation and other services required in the Employer’s Country to convey the Goods to their final destination	Total Price per Line item (Col. 7+8)
<i>[insert number of the item]</i>	<i>[insert name of good]</i>	<i>[insert country of origin of the Good]</i>	<i>[insert quoted Delivery Date]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert unit price CIP per unit]</i>	<i>[insert total CIP price per line item]</i>	<i>[insert the corresponding price per line item]</i>	<i>[insert total price of the line item]</i>
							Total Price	

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

## Price Schedule: Goods Manufactured Outside the Employer’s Country, already imported\*

Currencies in accordance with ITB 16											Date: _____ RFB No: _____ Alternative No: _____ Page N° _____ of _____
1	2	3	4	5	6	7	8	9	10	11	12
Line Item N°	Description of Goods	Country of Origin	Delivery Date as defined by Incoterms	Quantity and physical unit	Unit price including Custom Duties and Import Taxes paid	Custom Duties and Import Taxes paid per unit]	Unit Price net of custom duties and import taxes	Price per line item net of Custom Duties and Import Taxes paid	Price per line item for inland transportation and other services required in the Employer’s Country to convey the goods to their final destination,	Sales and other taxes paid or payable per item if Contract is awarded	Total Price per line item (Col. 9+10)
<i>[insert number of the item]</i>	<i>[insert name of Goods]</i>	<i>[insert country of origin of the Good]</i>	<i>[insert quoted Delivery Date]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert unit price per unit]</i>	<i>[insert custom duties and taxes paid per unit]</i>	<i>[insert unit price net of custom duties and import taxes]</i>	<i>[ insert price per line item net of custom duties and import taxes]</i>	<i>[insert price per line item for inland transportation and other services required in the Employer’s Country]</i>	<i>[insert sales and other taxes payable per item if Contract is awarded]</i>	<i>[insert total price per line item]</i>
Total Bid Price											

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

\* *[For previously imported Goods, the quoted price shall be distinguishable from the original import value of these Goods declared to customs and shall include any rebate or mark-up of the local agent or representative and all local costs except import duties and taxes, which have been and/or have to be paid by the Employer. For clarity the Bidders are asked to quote the price including import duties, and additionally to provide the import duties and the price net of import duties which is the difference of those values.]*

## Price Schedule: Goods Manufactured in the Employer’s Country

Currencies in accordance with ITB 16							Date: _____	
							RFB No: _____	
							Alternative No: _____	
							Page N° _____ of _____	
1	2	3	4	5	6	7	8	9
Line Item N°	Description of Goods	Delivery Date as defined by Incoterms	Quantity and physical unit	Unit price EXW	Total EXW price per line item (Col. 4×5)	Price per line item for inland transportation and other services required in the Employer’s Country to convey the Goods to their final destination	Sales and other taxes payable per line item if Contract is awarded	Total Price per line item (Col. 6+7)
<i>[insert number of the item]</i>	<i>[insert name of Good]</i>	<i>[insert quoted Delivery Date]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert EXW unit price]</i>	<i>[insert total EXW price per line item]</i>	<i>[insert the corresponding price per line item]</i>	<i>[insert sales and other taxes payable per line item if Contract is awarded]</i>	<i>[insert total price per item]</i>
							Total Price	

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

## Price and Completion Schedule - Related Services

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 (excludes inland transportation and other services required in the Employer's Country to convey the goods to their final destination)	Country of Origin	Delivery Date at place of Final destination	Quantity and physical unit	Unit price	Total Price per Service (Col. 5*6 or estimate)
<i>[insert number of the Service ]</i>	<i>[insert name of Services]</i>	<i>[insert country of origin of the Services]</i>	<i>[insert delivery date at place of final destination per Service]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert unit price per item]</i>	<i>[insert total price per item]</i>
<b>Total Price</b>						

## Manufacturer's Authorization

*[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its Bid, if so required.]*

Date: *[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]*

### WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a Bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 28 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

We confirm that we do not engage or employ forced labor or persons subject to trafficking or child labor, in accordance with Clause 14 of the General Conditions of Contract.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Dated on \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ *[insert date of signing]*



## **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) and 5.1: *none*

Under ITB 4.8 (b) and 5.1: *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;<sup>1</sup> (ii) to be a nominated<sup>2</sup> 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 inspect<sup>3</sup> 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.

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<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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

Phase	Description of Activities	Qty
	<b>Last-mile Connectivity to Selected Unserved Areas and Rural Community Information Centers (CICs)</b>	
<b>Phase 1</b>	<b>Last-mile Connectivity for CICs and other Government Agencies</b>	<b>Various</b>
<b>Phase 2</b>	<b>Supply and Installation of Computers and Solar Plant for CICs</b>	<b>Various</b>

## **Performance Specifications and Drawings**

### **LAST-MILE CONNECTIVITY TO SELECTED UNSERVED AREAS AND RURAL COMMUNITY INFORMATION CENTERS(CICs)**

#### **INTRODUCTION**

The Ghana Digital Acceleration Project (GDAP) activities seek to support a strong enabling environment for fast-tracked digitization by accelerating country-wide digital transformation, focusing on critical digital enablers that promote the digital economy and build on existing digital foundations. Complementary investments on the supply and demand sides of the digital economy will also be supported. Based on recommendations of previous assessments, including the Ghana Digital Economy Diagnostic, the project activities seek to support a strong enabling environment for fast tracked digitalization. The project will promote a shift in digital public services from service to life-event focused approach to enhance the Government’s digital capabilities. The project will further increase Ghana’s capacity to promote digital innovation and sector-wide digital transformation in selected strategic sector(s). Finally, the project will boost digital skills development and capability to increase Ghana’s digital talent base.

The Ghana Investment Fund for Electronic Communications (GIFEC) exist to provide Universal Access to the use of ICTs through digital inclusive projects. GIFEC among other roles is committed to ensuring voice and broadband connectivity to the last mile. This has been achieved over the years through projects like the Ghana Rural Telephony and Digital Inclusion Project (GRT&DIP) which seeks to connect 2,016 communities by the end of 2023 to voice and broadband services. Also, the Smart Communities Project, which is currently implemented in three (3) Regions: Western, Bono and Ahafo regions, provides thirty (34) Access Points of Internet Connection within the Communities in which the project is implemented.

Even with the implementation of these projects, the Internet penetration rate of Ghana currently stands at 53.0 percent of the total population. Meaning more efforts need to be put in, to connect the rest of the population as data plays an important role in the socio-economic life of individuals in recent times.

In view of this, the Ghana Digital Acceleration Project will serve as a complement to the existing projects of GIFEC by supporting the provision of affordable high-speed internet connection

especially to the unserved and underserved communities in Ghana. The project will make use of the existing infrastructure of GIFEC: The Community ICT Centers (CICs).

The objective of this subproject is to provide ICT connectivity to Community ICT Centers (CICs) in Ghana, enhancing digital access and promoting socio-economic development. The World Bank is initiating this project to support the government's efforts in bridging the digital divide and empowering local communities.

The project seeks to establish reliable and sustainable connectivity for about 505 government agencies including 200 Community ICT Centers across Ghana. Apart from the connectivity, the 200 CICs will also be equipped with computers, printers, WLAN, solar power, and related infrastructure required to ensure seamless access to digital services per the distribution in the table below.

<b>Item No.</b>	<b>Description of Goods</b>	<b>Quantity Per Site</b>	<b>Number of Sites</b>	<b>Total Quantity</b>
1	Desktop Computer	20	170	3400
2	Smart TV	1	170	170
3	Network Switch	1	200	200
4	All-in-1 Printer	1	170	170
5	Wi-Fi Access Point	2	200	400
6	12U Rack	1	200	200
7	Solar Power Infrastructure	1	170	170
8	Preparation of Center	1	170	170

## **OBJECTIVES OF THE PROJECT**

The main objectives of the project are

- Enable and extend connectivity and some base infrastructure to the communities at the local assembly level for digital inclusiveness especially when it comes to access to government online services.
- Provide a center for digital inclusiveness in a more sustainable and affordable manner for our rural communities.
- Connect 505 government facilities (sites) including Community ICT Centers to affordable high-speed internet. Site list attached as annex II.
- Resource the 170 CICs with energy efficient Desktop Computers and Accessories
- Resource the 170 CICs with a hybrid of solar and grid systems to power the computers and network equipment.
- Refurbish the 170 CICs to make them appropriate for the implementation of the project.

- Improve digital access and ICT skills in underserved communities.
- Promote inclusive socio-economic development through enhanced connectivity.

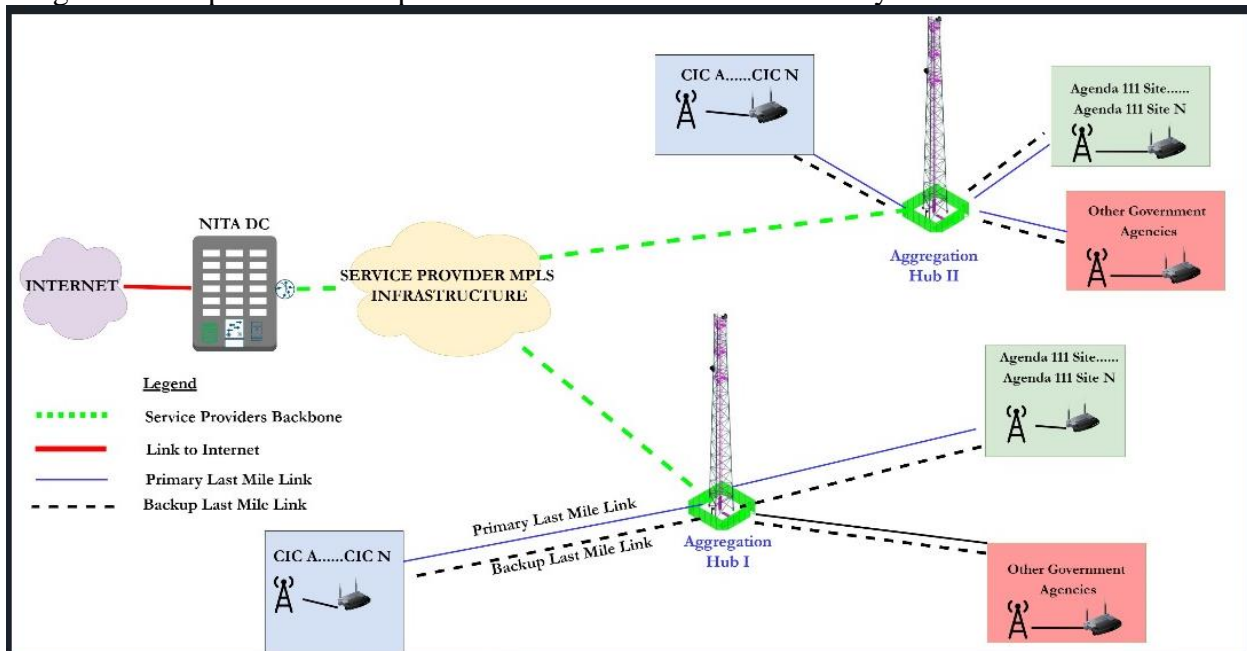
## SCOPE OF THE PROJECT

The Scope of this project is in two major phases to be implemented concurrently. Phase 1 is to do with the provision of network services to 505 government facilities (sites) including 200 Community Information Centers (CICs) around the country. The Phase 2 has to do with the setting up of computer centers at the CICs with WLAN capabilities and powered by solar. A list of sites for Phases 1&2 is included in Appendix I to the Contract.

## General Requirements

### Phase 1

This component is expected to deliver connectivity including internet to 505 government access points (government agencies) including Community Information Centers. The figure below gives a high-level snapshot of the expected deliverable for the connectivity.



- The Service Provider is required to carry out the detailed site survey and engineering for the whole solution including Fiber Optic Cable Routes or radio/wireless solutions to justify the installation and construction designs.
- The Service Provider shall submit a detailed work plan and installation, construction design drawings to the client for approval within ten (10) calendar days after receipt of Contract and prior to installation. The client shall check and review the design drawings accompanied by justification/verification reports and shall give their decision whether the

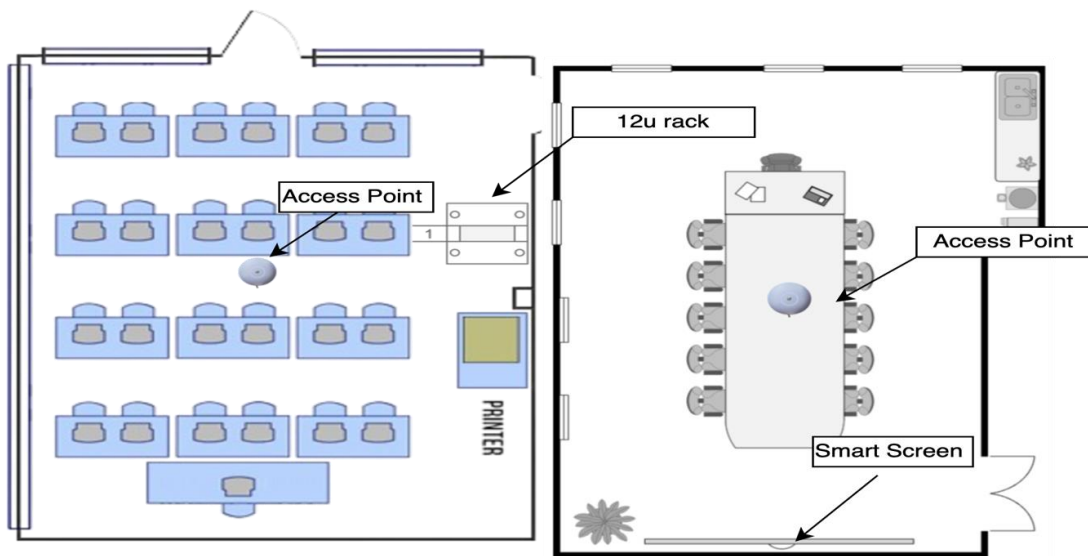


design drawings are acceptable or not, within one (1) week from the date of client receipt of design drawings.

- Phase 1 will largely provide connectivity (including internet) to 505 government access points including the 200 Community Information Centers (CICs) in Phase 2 across the country.
- We are not hoping to own any infrastructure under this project but to purchase service in an IRU (Indefeasible Right of Use) model over a 10-year period. The provider of the service will provide O&M for all the 505 connected sites over the 10-year period.
- Each of the 505 sites will be provisioned with a specific Internet bandwidth Service as specified in the attached Annex.
- Each of the 505 sites will be provisioned with a single link without a backup link.
- All the 505 sites must terminate at the two government data centers in Accra and Kumasi where all government online service nodes are hosted or transit. The Accra and Kumasi service nodes must be configured to fail over unto each other.
- The bidder shall be responsible for the survey, design, deployment, commissioning, and maintenance of the service.
- The bidder shall develop as part of the project UAT criterial for review and approval by the customer. This approved UAT criterial shall be administered by a team from the vendor and client together.

### ***Phase 2***

Out of the 505 agencies to be connected under Phase1, 200 of them are the CICs. This component focuses on the enablement of the CICs as a service node where citizens can go and access government online services and other online services even if provided by a private sector provider.



- This component involves supply and installation of 20 desktop computers in each of the 170 out of the 200 CICs.
- Each of the 200 CIC sites shall also be equipped with a Wireless Local Area Network (WLAN) Infrastructure by supplying, installing, and configuring Access Points.
- 170 CIC sites out of the 200 CIC sites shall also be equipped with 10KVA solar infrastructure to provide power to the sites.
- The designated conference rooms in 170 CICs shall be equipped with a smart television, camera, and audio sets to serve as a conferencing facility.
- The designated conference rooms will adhere to universal access requirements.
- 170 of the sites shall be provided with a multi-functional (print, scan and copy) printer.
- The vendor shall supply and install a 24-port layer three managed switch at each of the 200 CICs.
- Each of the 200 sites shall be supplied with a 12U for the networking equipment.
- The vendor shall also supply all cables needed for the power setup and as such must survey the sites and quote for cost of all the cables and accessories required to provide both the power and data needs for the proposed solution.
- The vendor shall also be responsible for preparing the sites before the installation for 170 of the sites. This will include electrical and data cabling that will be required, replacing

broken windows and ensuring secured doors and windows are in place. The vendor shall also be responsible for providing the furniture for the place. Painting works and minor civil works will be required to put the place in shape. The vendor as a result will be required to visit all 170 sites so they can properly price for the preparatory works as part of their financial proposal.

## **Technical Requirement**

### ***Phase 1***

#### **General Specifications**

- Each site shall be connected with fiber or microwave (licensed) for the link.
- The needed capacity for all the sites is stated in the attached Annex.
- The site shall be connected unto an MPLS network. This means the site shall have redundant multiple paths to the internet as well as to the two National Data Centers.
- The vendor shall provide a monthly report on availability of all sites and an SLA report to the client.
- Traffic segregation or network groupings shall be done for different government agencies with multiple of sites across the country for the purpose of security.
- Traffic shall be secure (i.e., encrypted by the network using approved encryption techniques), and suitable for carrying classified information.
- A minimum of 98.99% available shall be achieved at all times during the contractual period for each site.
- The sites shall be supported on a 24/7 basis and as such a dedicated call center service should be provided as part of the service.
- The bidder shall submit a detailed explanation, diagrams, and other descriptive information as to how the technical requirements shall be accomplished.

#### **Broadband Ethernet**

- Broadband Ethernet service shall be offered as a routed (layer 3) and/or non-routed (layer 2) service. Routed services shall offer the ability to support Virtual Private Networks (VPNs) that can provide logical separation of traffic on a single physical connection.
- Bidder shall provide encryption services as part of the VPN service.
- The bidder shall support Quality of Service/Class of Service (QoS/CoS) capabilities necessary to support delay-sensitive and drop-sensitive traffic such as voice and video. The bidder shall detail its pricing structure if QoS/CoS is an additional cost item, along with discounts that shall be provided.
- The bidder shall be able to provide Layer 3 any-to-any connectivity between the offered Broadband Ethernet service and other offered services.
- Bidder shall identify all supported routing protocols.

**Functional requirements**

CRITERIA	
	<p><b>Core Network Architecture</b> Evaluate the design and robustness of the bidder's core network, including data centers, switching centers, and cloud integration.</p>
	<p><b>Backhaul and Transport Network</b> Examine the bidder's backbone network for reliability and redundancy, including fiber optics, microwave links, and satellite options.</p>
	<p><b>Reliability and Uptime</b> Evaluate the bidder's current network's reliability and target uptime, including disaster recovery and redundancy plans.</p>
	<p><b>Capacity Planning</b> Assess the network's capacity to handle current and projected user loads, including peak traffic conditions.</p>
	<p><b>Coverage Area</b> Evaluate fiber footprint and coverage, ensuring it meets nationwide requirements, including urban, suburban, and rural areas, relevant to task.</p>
	<p><b>Quality of Service (QoS)</b> Assess the mechanisms in place to ensure consistent QoS for different types of traffic and services.</p>
	<p><b>Network Security</b> Assess the security measures in place to protect against cyber threats, including encryption, firewalls, and intrusion detection systems.</p>
	<p><b>Network Management</b> Evaluate the tools and processes for network monitoring, management, and optimization.</p>
	<p><b>Provided ISP license and Microwave Licenses from Regulator</b></p>
1.b	
	Design for core network is provides reliability and AI driven manageability and monitoring
	Capability of easily integrating with GovNet Core
	Redundancy and high availability of core network devices and interconnecting infrastructure
	System Architecture of core assures scalability and future technology compatibility
	System Architecture of core assure security of traffic from Last Mile sites, cross service providers network to exit nodes at National Data Centers
	System Architecture of core assure capability of segregating traffic for each site or clustering
	Proposed core network equipment are capable of providing capacity and network functionality required
	Proposed core network equipment assures reliability and reputation of the equipment and service vendors.

<b>1.c</b>	
	Proposed design alternatives for last mile network provides reliability capable of meeting SLA
	Capability of easily integrating with GovNet Core
	Last Mile Equipment and CPE are capable of providing traffic speeds and reliability required for links
	CPE capable of integrating multiple links and automatic link failover
	Provided design drawings for all customer end connectivity scenarios detailing cabling architecture and device responsibilities
<b>1.d</b>	
	The proposal shall stipulate the provision of Network Management portal available to client via Web
	The proposal must outline the setup Network Operations Centre
	The proposal must outline the operation strategy of Network Operations Centre to provide reliable monitoring of network
	The proposal must detail all tools that will be setup to conduct: <ul style="list-style-type: none"> <li>i. Speedtests, Latency and Jitter</li> <li>ii. Traffic Security Monitoring</li> </ul>
	The proposal must outline the setup Help Desk
	The proposal must outline the operation strategy of Help Desk to provide support to client
<b>1.e</b>	
	Preliminary Project Plan
	Project organization and management sub- plan
	Change management and communication sub-plan
	Network design, development and customization sub-plan
	Delivery and installation sub-plan
	System integration sub-plan
	Training sub-plan
	Inspection, pre-commissioning and operational acceptance sub-plan
	Warranty service and technical support sub- plan
	Methodology for Change Management and Capacity Building
	Innovation/ Suggestions to reduce timelines of implementation, improve effectiveness, adoption of e-Government Network Platform by MDAs, new networks, etc
<b>1.f</b>	
	Compliance to Functional Requirements
	Compliance with the technical requirements
	Comprehensiveness of Testing plans

	Comprehensiveness of the project plan
2	
a)	<b>Team leader</b>
	Proven track record as Project Manager (10+ years)
	Post-graduate degree
	IT Project Management certification and experience
	Experience developing Testing scripts and overseeing system, integration and user acceptance testing
	Experience managing stakeholders in a complex, government system implementation
	Fluent in English (Read/Write/Speak)
b)	<b>Deputy team leader (Network/Telecoms Specialist)</b>
	10 years' experience in network/telecoms project implementation
	3 referable installations of product within the last 5 years
	Post-graduate degree in engineering/computer sciences/information technology/
	Minimum least 10 years' experience in the area of system architecture, network development, customization and integration.
	Fluent in English (Read/Write/Speak)
c)	<b>Operations and Maintenance Manager</b>
	Post-Graduate degree
	8 years' experience in O&M of large network rollout projects
	Fluent in English (Read/Write/Speak)
	Documented experience
d)	<b>Network/Telecoms Specialist (experience in network connectivity will be an added advantage)</b>
	Graduate or post graduate degree
	10 years' experience in Telecoms environment and management of large network rollout projects
	5 years' experience in network planning and deployment
	Ability to speak, read, write English fluently
e)	<b>Change management and training expert</b>
	Graduate or post graduate degree
	Experience managing at least multiple large network connectivity platforms related change management and training effort
	Ability to speak, read, write English fluently
	Minimum of 10 years of relevant experience

## Network Performance & Service Levels

### Circuit Parameters

The bidder shall submit as part of the proposal and SLA document and describe its service level commitments for Annual Network Availability. Bidder shall provide equal or better Annual Network Availability than 98.99% (Percentage of time that the service is operational.).

### **Customer Service**

The following as-built drawing having the same sizes as the designs/drawings:

- Bidder must have a full-time network operation centre, preferably located in Ghana, who are ready to take problem and technical assistance phone calls 24 hours a day, 7 days per week, as public services have workers on shifts, flex time, and overtime who may report a problem. Prompt response to problems is required.
- The call center must have a multi-channel approach of communication including email, phone calls, WhatsApp.
- Identify other problem reporting methods such as email submissions.
- Identify problem escalation process. Bidder shall outline its problem escalation process beyond Tier 1 support.
- Bidder must describe the escalation procedure available to the client in the event the ministry deems progress on problem resolution to be unsatisfactory.

### **Monitoring and Reporting**

- Network Operations Centre (NOC) Bidder shall describe how its NOC shall provide technical assistance and 24x7 network monitoring. Bidder shall provide toll-free telephone access to the NOC 24x7.
- Bidder shall take immediate corrective action to resolve any network failure, such as rerouting traffic, utilizing a redundant facility, dispatching technicians, and all other steps required for the immediate re-instituting of services.
- Bidder must submit a monthly report on the performance of the service to each site. The report must report on SLAs, summary of call center activities relating to the sites in-scope, outages on the bidder's network that impacted the in-scope sites.

### **Reports And Documentation For Maintenance Of The Sites**

- Maintenance work/activities shall start once the installation and construction of the sites is 100% accepted and operational. Service Provider must submit the following.
- Monthly submission of maintenance report.
- Monthly ESHS implementation status report
- Incident Report, in case of problems encountered.
- Repair and Test report after restoration activities.

### ***Phase2***

This phase involves the supply and installation of the following;

<b>Item No.</b>	<b>Description of Goods</b>	<b>Quantity Per Site</b>	<b>Number of Sites</b>	<b>Total Quantity</b>
1	Desktop Computer	20	170	3400

2	Smart TV	1	170	170
3	Network Switch	1	200	200
4	All-in-1 Printer	1	170	170
5	Wi-Fi Access Point	2	200	400
6	12U Rack	1	200	200
7	Solar Power Infrastructure	1	170	170
8	Preparation of Center	1	170	170

### Technical Specifications

ITEM NO	DEVICE NAME/MODEL TYPE	CRITERIA	Minimum Specifications	Offered Specifications (stating Yes or offered is not acceptable)
1	DESKTOP COMPUTER	Processor Speed	Core i5	
		Processor Speed	2.80GHz	
		RAM	8 GB	
		Storage	512 Gigabit Solid state Drive (SSD)	
		Display Ports Options	USB & USB Type-C & VGA OR Display & HDMI	
		Input Device	USB Mouse with pad and Keyboard	
		Output / Display Accessory	24" FHD Monitor with 16:9-1920x1080 resolution, Full HD with HDMI, USB, and VGA ports available	
		Connectivity	Bluetooth, Wireless, RJ45	
		Installed Software	Windows 11 Professional and Latest version of Microsoft Office	
2	SMART TV	Type	Smart	
		Frame rate	60 Hz	
		Resolution	4K resolution	
		Connectivity	Bluetooth, Wi-Fi, USB, Ethernet, HDMI	
3	24 PORT LAYER 3 NETWORK SWITCH	Functionality	L3 Switch	
		Forwarding Capacity	At least 9.6 Mpps forwarding capacity.	
		Switching Capacity	At least 64 Gbit/s switching Capacity.	



ITEM NO	DEVICE NAME/MODEL TYPE	CRITERIA	Minimum Specifications	Offered Specifications (stating Yes or offered is not acceptable)
		<b>Routing Protocols</b>	Should support Static routing, RIPv1, RIPv2 and ECMP OSPF, IS-IS, and BGP	
		<b>Ports</b>	2GIG SFP and 2 dual purpose 10/100/100 or SFP uplink port	
		<b>Switching Protocols</b>	Support VLANs, support MAC address learning and aging as well as Static, dynamic, and blackhole MAC address entries.	
4P	ALL- IN- ONE PRINTER	<b>Functionality</b>	Printer, copy, Scan, Fax, Email	
		<b>Printing Technology</b>	Laser	
		<b>Speed</b>	Up to 40 ppm (default)	
		<b>Color</b>	Black	
		<b>Connectivity</b>	Wireless	
		<b>Memory</b>	512 MB Memory	
		<b>Sheet Capacity</b>	100 sheet Tray 1, 250 Sheet tray 2	
5	WIFI ACCESS POINT	<b>Functionality</b>	Dual-band Wi-Fi 6 (802. 11ax)	
		<b>Operating Frequency Band</b>	5GHz	
		<b>Antenna Design</b>	(4x4 MU-MIMO and OFDMA) band with a 4.8 Gbps throughput rate	
		<b>Operating Frequency Band</b>	2.4GHz	
		<b>Antenna Design</b>	(2x2 MU-MIMO and OFDMA) band with a 573.5 Mbps throughput rate	
		<b>Power Input</b>	802.3at PoE• capable with 48V, 0.5A PoE adapter	
6	RACK (12U Cabinet 600X600 Front Glass Door)	<b>Size</b>	12 RU Form Factor	
		<b>Mount Type</b>	Wall mountable	

### Technical Specifications for Solar

Green Energy for Network Equipment and Low-Power Fit-PCs	Solar Panels	High-efficiency polycrystalline or monocrystalline solar panels with a capacity of 100-300 watts, for the energy requirements of the network equipment and the 20 low-power computers.
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	Inverter	A pure sine wave inverter with a capacity of at least 2kW, to convert the DC power from the solar panels to AC power for the network equipment and low-power computers.
	Batteries	No batteries are required for the proposed direct solar solution.

Feature	Minimum Specifications	Offered Specifications (stating Yes or offered is not acceptable)
<b>1. Max. efficiency</b>	98.50%	
<b>2. Input (PV)</b>		
a) Recommended max. PV	4.8 kW	
b) Panel rating	400 W	
c) Number of panels	14	
d) Max. input voltage	600 V	
e) Start-up voltage	100 V	
f) MPPT operating voltage range	80 V - 600 V	
g) Rated input voltage	360 V	
h) Max. input current per MPPT	12.5 A	
i) Max. output current per MPPT	60 A	
j) Number of MPP trackers	2	
k) Max. input number per MPPT tracker	1	
l) Standby Power Consumption	less than 2 W	
<b>3. Output (On Grid)</b>		
a) Grid connection	Single phase	
b) Rated output power	5,000 W	
c) Max. apparent power	5,500 W	
d) Rated output voltage	220 Vac / 230 Vac / 240 Vac	
e) Rated AC grid frequency	50 Hz / 60 Hz	
f) Max. output current	25 A	
g) Adjustable power factor	0.8 leading ... 0.8 lagging	
h) Max. total harmonic distortion	≤ 3%	
i) Backup power output	Yes (via Backup Box-5000 1)	
<b>4. Protection &amp; Feature</b>		
a) Anti-Islanding protection	Yes	
b) DC reverse polarity protection	Yes	
c) Insulation monitoring	Yes	

d) DC surge protection	Yes, compatible with TYPE II protection class according to EN/IEC 61643-11	
e) AC surge protection	Yes, compatible with TYPE II protection class according to EN/IEC 61643-11	
f) Residual current monitoring	Yes	
g) AC overcurrent protection	Yes	
h) AC short-circuit protection	Yes	
i) AC overvoltage protection	Yes	
j) Over-heat protection	Yes	
k) Arc fault protection	Yes	
l) Battery reverse charging from grid	Yes	
<b>5. General Data</b>		
a) Operating temperature range	-25°C to +60°C (Derating above 45°C @ Rated output power)	
b) Relative operating humidity	0% RH to 100% RH	
c) Operating altitude	0 to 4,000 m (Derating above 2,000 m)	
d) Cooling	Natural convection	
e) Display	LED indicators; integrated WLAN + Fusion Solar APP	
f) Communication	RS485, WLAN via inverter built-in WLAN module	

	Minimum Specification	Offered Minimum
<b>Photovoltaic Panels General Specification</b>	<ul style="list-style-type: none"> <li>• Nominal 36V DC for standard output.</li> <li>• High efficiency.</li> <li>• Outstanding low-light performance.</li> <li>• High transmission tempered glass.</li> <li>• Rugged design to withstand high wind pressure and snow load, easy installation.</li> <li>• Aesthetic appearance.</li> </ul> 25-year module output warranty	
<b>Inverter General Specification</b>	<ul style="list-style-type: none"> <li>• LCD screen display.</li> <li>• Output power factor = 1.0.</li> <li>• Energy generated record, load record, history information and fault record</li> <li>• With wide PV input range: 120VDC-500VDC</li> <li>• Max PV array power: 3000W</li> <li>• Zero output optional. <b>CT sensor will monitor the power consumption of the system and will make sure no excess PV power feed to Grid.</b></li> </ul>	

**TIME SCHEDULE**

The duration of the assignment will be twelve (12) months period

**WARRANTY**

- The Service Provider shall warrant that Goods supplied under the Contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design, materials, except when the technical specifications required by GIFEC provides otherwise;
- The Service Provider further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship. From any act of omission of the Service Provider that may develop under the normal use of the Supplied Goods in the conditions prevailing in the country of the final destination;
- The warranty shall cover full replacement of defective items, free of charge, including labour, spare parts and materials.
- The warranty shall remain valid for twenty fours (24) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted by the Employer.
- All equipment supplied under this project should be two years or less after manufacturing.

**IMPLEMENTATION OR WORK SCHEDULE**

The Service Provider shall submit an integrated project implementation plan showing the following:

- Detailed work plan, including milestones and critical tasks, in implementing the project within the allotted period from date of receipt of Notice to Proceed (NTP)
- Number of work teams at any given time;
- Specific dates for work and quality inspection by the GIFEC team in the FOO clusters;

The Service Provider shall submit integrated implementation updates every 1<sup>st</sup> day of the week (Monday) to GIFEC throughout the contractual installation/construction period from the effective date of the Contract until the completion of the Project showing the following detailed milestone, and in accordance with the established schedule and priorities.

- The implementation shall be accurate and include the following considerations:
- To ensure that the work-force is well -distributed through the contractual period taking quality control and timely progress into consideration;
- To allow sufficient time and manpower for self-inspections/tests prior to being witnessed by GIFEC for interim inspections/tests and provisional acceptance tests;

- To allow reasonable time for witnessing by MoC/GIFEC/ICT Office of interim inspections/tests considering the work sequence such as cable laying work after GIFEC has accepted completed systems;
- To ensure the sites are properly managed so as to ensure:
  - Coordination with MDAs and other authorities/agencies concerned;
  - Obtaining site implementation permits and site-entry permits;
  - Adequacy of site security arrangements.
- To keep sufficient time and manpower from transferring site know-how quality control, tools/formats, standard safety arrangement, first aid, etc., to the local staff and local foreman.
- To make sure the quality/functions of domestic products fully conform to the specifications any time necessary to upgrade the same.
- The Service Provider shall be responsible for conforming to the integrated implementation schedules as strictly as possible after examination and approval by GIFEC.
- If discrepancies/ambiguities are found or some deviation is necessary in the actual implementation progress, the Service Provider shall report the same to GIFEC and shall take all corrective actions/measures at Service Provider's own expense in accordance with the instructions given by GIFEC.
- The initial synchronized and integrated implementation schedule specified for the project shall be submitted for GIFEC approval within five (5) days after the effective date of the Contract.

### **CHANGE MANAGEMENT PROCEDURE**

In case a centre was found to be in a different location/site than the one specified in the TOR in the detailed site survey/engineering to be done by the winning Service Provider, Service Provider is required to connect said centre to the eGov Network provided that the location of the agency is not beyond 1000 meters from the network. If a centre transferred to another location, project must identify another centre as a replacement to complete the total number of centres required in the project.

### **NOTABLE CONDITIONS**

- Service Provider shall agree that at the end of the contract/agreement, GoG will use the GovNet infrastructure and pay a maintenance or enter into a revenue share with the GoG.
- The Service Provider must have proof (as-built drawings, documentation, test reports, data-sheet, brochures, etc) of their existing fibre optic cable network in Ghana.
- Written Statement of the Service Provider signed by their authorized representative that they have at least 5 years of direct experience on planning, engineering, supply and delivery, installation, testing and commissioning and experience in operations and maintenance of optical fibre transmission backbone projects/systems with major telecommunications carriers in Ghana.

- Service Provider shall submit resume of key personnel specified under Qualification Requirements in Section III- Evaluation and Qualification Criteria.
- Must hold a nationwide terrestrial fibre license granted by the National Communications Authority (NCA) for a minimum of 5 consecutive years from the date of Bid Opening. (In case of renewal, the bidder must submit the necessary application and Official Receipt)

#### **TESTING, COMMISSIONING AND ACCEPTANCE**

- The Service Provider is responsible for the performance of all civil and cable network pre-test requirement but not limited to:
- Fiber Optic Cable (FOC) – attenuation and all its related testing, power meter test, and grounding test and all other test that may need to perform to complete the FOC test requirements.
- End -to-end acceptance tests (*typically conducted after completion of installation and splicing and before installing terminal equipment*).
- Acceptance of the system shall be granted after all items have passed the acceptance tests and has been approved by the requesting Department.
- User Acceptance Test will be conducted for phase 2. The vendor shall provide the criteria for the UAT.

**Environmental and Social Standards/Risks.** The Bidder shall submit comprehensive and concise Environmental and Social Management Strategies and Implementation Plans (ES-MSIP) as required by ITB 12.2 (i) of the Bid Data Sheet. **ESMP Project Specific is attached**

These strategies and plans shall describe in detail the actions, materials, equipment, management processes etc. that will be implemented by the Service Provider, and its Subcontractors. In developing these strategies and plans, the bidder shall have regard to the ES provisions of the contract including those as may be more fully described in the Employer's Requirements and complete relevant training courses that will be provided related to the environmental and social aspects of the Contract, including on health and safety matters, and Sexual Exploitation and Abuse, and Sexual Harassment (SH);

report violations of this Code of Conduct; and not retaliate against any person who reports violations of this Code of Conduct, whether to us or the Employer, or who makes use of applicable grievance mechanism for Service Provider's Personnel or the project's Grievance Redress Mechanism.

Commencement of Services 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.

Such submission to the Employer shall include any applicable environmental and social management plan to manage environmental and social risks and impacts

## **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) “Priced 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 the Contract Agreement;
- (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) “Employer’s Personnel” means all staff, labor and other employees of the Employer engaged in fulfilling the Employer’s obligations under the Contract; and any other personnel identified as Employer’s Personnel, by a notice from the Employer to the Service provider;
- (j) “ES” means Environmental and Social, as applicable, (including Sexual Exploitation and Abuse (SEA), and Sexual Harassment (SH));

- (k) “Foreign Currency” means any currency other than the currency of the country of the Employer;
- (l) “GCC” means these General Conditions of Contract;
- (m) “Government” means the Government of the Employer’s Country;
- (n) “Local Currency” means the currency of the country of the Employer;
- (o) “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;
- (p) “Party” means the Employer or the Service Provider, as the case may be, and “Parties” means both of them;
- (q) “Service Provider” is a person or corporate body whose Bid to provide the Services has been accepted by the Employer;
- (r) “Service Provider’s Personnel” means all personnel whom the Service Provider utilizes in the execution of the Services, including the staff, labor and other employees of the Service Provider and each Subcontractor; and any other personnel assisting the Service Provider in the execution of the Services;
- (s) “SCC” means the Special Conditions of Contract by which the GCC may be amended or supplemented;
- (t) “Specifications” means the specifications of the Services included in the Contract, and any additions and modifications to the specifications in accordance with the Contract;
- (u) “Services” means the work to be performed by the Service Provider pursuant to the Contract;
- (v) “Sexual Exploitation and Abuse” “(SEA)” means the following:  
Sexual Exploitation is defined as any actual or attempted abuse of position of vulnerability, differential power or trust, for sexual purposes, including, but not limited to, profiting monetarily, socially or politically from the sexual exploitation of another;

Sexual Abuse is defined as the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions;

- (w) “Sexual Harassment” “(SH)” is defined as unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature by the Service Provider’s Personnel with other Service Provider’s Personnel or Employer’s Personnel;
- (x) “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 agents (where declared or not), subcontractors, subconsultants, service providers, suppliers, and personnel, to permit, the Bank and/or persons appointed by the Bank to inspect the site and/or the accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have such accounts, records and other documents audited by auditors appointed by the Bank. The Service Provider's and its Subcontractors' and subconsultants' attention is drawn to Sub-Clause 3.10 (Fraud and Corruption) 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. Such submission to the Employer shall include any applicable environmental and social management plan to manage environmental and social risks and impacts.

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 Services.

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 Service Provider's Personnel.

### **3. Obligations of the Service Provider**

#### **3.1 General**

The Service Provider shall perform the Services in accordance with the Specifications and the Priced 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 at all times take all reasonable precautions to maintain the health and safety of the Service Provider's Personnel employed for the execution of Services at the locations in the Employer's country where the Services are executed.

If **required in the SCC**, the Service Provider shall submit to the Employer for its approval a health and safety manual which has been specifically prepared for the Contract.

The health and safety manual shall be in addition to any other similar document required under applicable health and safety regulations and laws.

The health and safety manual shall set out any applicable health and safety requirement under the Contract,

- (a) which may include:
  - (i) the procedures to establish and maintain a safe working environment;
  - (ii) the procedures for prevention, preparedness and response activities to be implemented in the case

- of an emergency event (i.e. an unanticipated incident, arising from natural or man-made hazards);
- (iii) the measures to be taken to avoid or minimize the potential for community exposure to water-borne, water-based, water-related, and vector-borne diseases,
  - (iv) the measures to be implemented to avoid or minimize the spread of communicable diseases; and
- (b) any other requirements stated in the Employer's Requirements.

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.

The Service Provider shall require that its Subcontractors execute the Services in accordance with the Contract, including complying with applicable ES requirements and the obligations set out in GCC Sub-Clause 3.12.

## **3.2 Conflict of Interests**

### **3.2.1 Service Provider Not to Benefit from Commissions 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 Service Provider's 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 Otherwise Interested in Project**

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 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 business or professional activity that would conflict with the activities assigned to them under this Contract. The Service provider has an obligation and shall ensure that its Service Provider’s Personnel and Sub-consultants shall have an obligation to disclose any situation of actual or potential conflict that impacts their capacity to serve the best interest of the Employer, or that may reasonably be perceived as having this effect. Failure to disclose said situations may lead to the disqualification of the Consultant or the termination of its Contract.
- 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**.
- Submission by the Service Provider for the Employer’s approval, for addition of any Subcontractor not named in the Contract, shall also include the Subcontractor’s declaration in accordance with Appendix I- Sexual exploitation and Abuse (SEA) and/or Sexual Harassment (SH) Performance Declaration.

### **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.

If specified in Appendix B, the reporting requirements shall include applicable environmental and social aspects.

**If stated in the SCC**, the reports shall include status of compliance to cyber security risks management, and any foreseeable cyber security risk and mitigation

The Service Provider shall inform the Employer immediately of any allegation, incident or accident in the locations in the Employer's country where the Services are executed, which has or is likely to have a significant adverse effect on the environment, the affected communities, the public, Employer's Personnel or Service Provider's Personnel. This includes, but is not limited to, any incident or accident causing fatality or serious injury; significant adverse effects or damage to private property; any cyber security incidents **as specified in the SCC**; or any allegation of SEA and/or SH. In case of SEA and/or SH, while maintaining confidentiality as appropriate, the type of allegation (sexual exploitation, sexual abuse or sexual harassment), gender and age of the person who experienced the alleged incident should be included in the information.

The Service Provider, upon becoming aware of the allegation, incident or accident, shall also immediately inform the Employer of any such incident or accident on the Subcontractors' or suppliers' premises relating to the Services which has or is likely to have a significant adverse effect on the environment, the affected communities, the public, Employer's Personnel or Service Provider's, its Subcontractors' and suppliers' Personnel. The notification shall provide sufficient detail regarding such incidents or accidents. The Service provider shall provide full details of such incidents or accidents to the Employer within the timeframe agreed with the Employer.

The Service Provider shall require its Subcontractors and suppliers to immediately notify the Service Provider of any incidents or accidents referred to in this Sub- Clause.

### **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**

If required as **specified in the SCC**, the Service Provider shall provide to the Employer a Performance Security for the performance of the Contract, in the amount **specified in the SCC** and no later than the date specified in the Letter of acceptance.

As **specified in the SCC**, the Performance Security, if required, shall be denominated in the currency(ies) of the Contract, or in a freely convertible currency acceptable to the Employer; and shall be in one of the format stipulated by the Employer in the **SCC**, or in another format acceptable to the Employer.

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.

**3.12 Code of Conduct**

The Service Provider shall have a Code of Conduct for the Service Provider’s Personnel employed for the execution of the Services at the locations in the Employer’s country where the Services are provided.

The Service Provider shall take all necessary measures to ensure that each Service Provider’s Personnel is made aware of the Code of Conduct including specific behaviors that are prohibited, and understands the consequences of engaging in such prohibited behaviors.

These measures include providing instructions and documentation that can be understood by the Service Provider’s Personnel and seeking to obtain that person’s signature acknowledging receipt of such instructions and/or documentation, as appropriate.

The Service Provider shall also ensure, as applicable, that the Code of Conduct is visibly displayed in locations in the Employer’s country where the Services are executed as well as in areas outside the locations accessible to the local community and any project affected people. The posted Code of Conduct shall be provided in languages comprehensible to Service Provider’s Personnel, Employer’s Personnel and the local community.

The Service Provider’s Management Strategy and Implementation Plans, as applicable, shall include appropriate processes for the Service Provider to verify compliance with these obligations.

### 3.13 Training of Service Provider's Personnel

The Service Provider shall provide appropriate training to its relevant personnel on any applicable ES aspects of the Contract, including appropriate sensitization on prohibition of SEA/SH.

As stated in the Employer's Requirements or as instructed by the Employer, the Service Provider shall also allow appropriate opportunities for the relevant Service Provider's Personnel to be trained on applicable ES aspects of the Contract by the Employer's Personnel and/or other personnel assigned by the Employer.

The Service Provider shall provide training on SEA and SH, including its prevention, to any of its personnel who has a role to supervise other Service Provider's Personnel.

### 3.14 Security of the Site

**Unless stated otherwise in the SCC**, the Service Provider shall be responsible for the security at the locations in the Employer's country where the services are carried out including providing and maintaining at its own expense all lighting, fencing, and watching when and where necessary for the proper execution and the protection of the locations, or for the safety of the owners and occupiers of adjacent property and for the safety of the public.

**If required in the SCC**, prior to the Starting Date for the commencement of Services, the Service Provider shall submit for the Employer's No-objection a security management plan that sets the security arrangements for the locations in the Employer's country where the Services are executed.

In making security arrangements, the Service Provider shall be guided by applicable laws and any other requirements that may be stated in the Employer's Requirements.

The Service Provider shall (i) conduct appropriate background checks on any personnel retained to provide security; (ii) train the security personnel adequately (or determine that they are properly trained) in the use of force (and where applicable, firearms), and appropriate conduct towards the Service Provider's personnel, Employer's personnel and affected communities; and (iii) require the security personnel to act within the applicable Laws and any requirements set out in the Employer's Requirements.

The Service Provider shall not permit any use of force by security personnel in providing security except when used for preventive and defensive purposes in proportion to the nature and extent of the threat.



**3.15 Protection of the Environment**

As applicable, the Service Provider shall take all necessary measures to:

- i. protect the environment (both on and off the locations where the Services are executed) from damages resulting from its operations/and or activities; and
- ii. limit damage and nuisance to people and property resulting from pollution, noise and other results of the Service Provider's operations and/ or activities.

The Service Provider shall ensure that any emissions, surface discharges, effluent and any other pollutants from the its activities shall exceed neither the values that may be indicated in the Employer's Requirements, nor those prescribed by applicable laws.

In the event of damage to the environment, property and/or nuisance to people, on or off the locations where the Services are carried out, as a result of the Service Provider's operations and/or activities, the Service Provider shall agree with the Employer the appropriate actions and time scale to remedy, as practicable, the damaged environment to its former condition. The Service Provider shall implement such remedies at its cost to the satisfaction of the Employer.

**3.16 Cyber Security**

**Pursuant to the SCC**, the Service Provider, including its Subcontractors/suppliers shall take all technical and organizational measures necessary to protect the information technology systems and data used in connection with the Contract. Without limiting the foregoing, the Service Provider, including its Subcontractors/ suppliers, shall use all reasonable efforts to establish, maintain, implement and comply with, reasonable information technology, information security, cyber security and data protection controls, policies and procedures, including oversight, access controls, encryption, technological and physical safeguards and business continuity/disaster recovery and security plans that are designed to protect against and prevent breach, destruction, loss, unauthorized distribution, use, access, disablement, misappropriation or modification, or other compromise or misuse of or relating to any information technology system or data used in connection with the Contract.

**3.17 Cultural Heritage Findings**

All fossils, coins, articles of value or antiquity, structures, groups of structures, and other remains or items of geological, archaeological, paleontological, historical, architectural, religious interest found on the locations in the Employer's country where the Services are carried out shall be placed under the care and custody of the Employer.

As soon as practicable after discovery of any such finding, the Service Provider shall give a notice to the Employer, to give the Employer the opportunity to promptly inspect and/or investigate the finding before it is disturbed and to issue instructions for dealing with it.

#### **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) The Employer may require the Service Provider to remove (or cause to be removed) a Service Provider's Personnel, who:
- (i) persists in any misconduct or lack of care;
  - (ii) carries out duties incompetently or negligently;
  - (iii) fails to comply with any provision of the Contract;
  - (iv) persists in any conduct which is prejudicial to safety, health, or the protection of the environment;
  - (v) based on reasonable evidence, is determined to have engaged in Fraud and Corruption during the execution of the Contract;
  - (vi) has been recruited from the Employer's Personnel;
  - (vii) undertakes behavior which breaches the Code of Conduct (ES), as applicable.

As appropriate, the Service provider shall then promptly appoint (or cause to be appointed) a suitable replacement with equivalent skills and experience.

Notwithstanding any requirement from the Employer to remove or cause to remove any person, the Service provider

shall take immediate action as appropriate in response to any violation of (i) through (vii) above. Such immediate action shall include removing (or causing to be removed) from the locations where the Services are carried out, any Service Provider's Personnel who engages in (i), (ii), (iii), (iv), (v) or (vii) above or has been recruited as stated in (vi) above.

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

#### **4.3 Service Provider's Personnel**

##### **Engagement of Service Provider's Personnel**

The Service Provider shall make arrangements for the engagement of the Service Provider's Personnel.

The Service Provider is encouraged, to the extent practicable and reasonable, to use local labor that has the necessary skills.

Subject to GCC 5.1, the Service Provider shall be responsible for obtaining all necessary permit(s) and/or visa(s) from the appropriate authorities for the entry of all personnel to be employed for the Services into the Employer's country.

The Service Provider shall at its own expense provide the means of repatriation to all of its personnel employed for the execution of the Services to the place where they were recruited or to their domicile. It shall also provide suitable temporary maintenance of all such persons from the cessation of their employment on the Contract to the date programmed for their departure.

##### **Persons in the Service of Employer**

The Service Provider shall not recruit, or attempt to recruit, staff and labor from amongst the Employer's Personnel.

##### **Labor Laws**

The Service provider shall comply with all the relevant labor laws applicable to the Service Provider's Personnel, including laws relating to their employment, health, safety, welfare, immigration and emigration, and shall allow them all their legal rights.

The Service Provider shall at all times during the progress of the Contract use its best endeavors to prevent any unlawful, riotous or disorderly conduct or behavior by or amongst its employees and the labor of its Subcontractors.

The Service Provider shall, in all dealings with its personnel currently employed on or connected with the Contract, pay due regard to all recognized festivals, official holidays, religious or other customs and all local laws and regulations pertaining to the employment of labor.

### Rates of Wages and Conditions of Labor

The Service Provider shall pay rates of wages, and observe conditions of labor, which are not lower than those established for the trade or industry where the Service is carried out. If no established rates or conditions are applicable, the Service Provider shall pay rates of wages and observe conditions which are not lower than the general level of wages and conditions observed locally by employers whose trade or industry is similar to that of the Service Provider.

The Service Provider shall inform the Service Provider's Personnel about their liability to pay personal income taxes in the Employer's country in respect of such of their salaries, wages, allowances and any benefits as are subject to tax under the laws of the country for the time being in force, and the Service provider shall perform such duties in regard to such deductions thereof as may be imposed on him by such laws.

### Facilities for Service Provider's Personnel

If **stated in the SCC and subject to GCC Sub-Clause 5.3**, the Service Provider shall provide and maintain all necessary accommodation and welfare facilities for the Service Provider's Personnel employed for the execution of the Contract at the locations in the Employer's country where the Services are provided.

In the event of the death of any of the Service Provider's Personnel or accompanying members of their families, the Service Provider shall be responsible for making the appropriate arrangements for their return or burial, unless otherwise specified in the SCC.

### Workers' Organizations

In countries where the relevant labor laws recognize workers' rights to form and to join workers' organizations of their choosing and to bargain collectively without interference, the Service Provider shall comply with such laws. In such circumstances, the role of legally established workers' organizations and legitimate workers' representatives will be respected, and they will be provided with information needed for meaningful negotiation in a timely manner. Where the relevant labor laws substantially restrict workers' organizations, the Service Provider shall enable alternative means for the service provider's Personnel to express their grievances and protect their rights regarding working conditions and terms of employment. The Service Provider shall not seek to influence or control these alternative means. The Service Provider shall not discriminate or retaliate against the Service Provider's Personnel who participate, or seek to participate, in such organizations and collective bargaining or alternative mechanisms. Workers' organizations are expected to fairly represent the workers in the workforce.

### Non-Discrimination and Equal Opportunity

The Service Provider shall not make decisions relating to the employment or treatment of Service Provider's Personnel on the basis of personal characteristics unrelated to inherent job requirements. The Service Provider shall base the employment of Service Provider's Personnel on the principle of equal opportunity and fair treatment, and shall not discriminate with respect to any aspects of the employment relationship, including recruitment and hiring, compensation (including wages and benefits), working conditions and terms of employment, access to training, job assignment, promotion, termination of employment or retirement, and disciplinary practices.

Special measures of protection or assistance to remedy past discrimination or selection for a particular job based on the inherent requirements of the job shall not be deemed discrimination. The Service Provider shall provide protection and assistance as necessary to ensure non-discrimination and equal opportunity, including for specific groups such as women, people with disabilities, migrant workers and children (of working age in accordance with this Sub-Clause).

### Forced Labor

The Service Provider, including its Subcontractors/ suppliers/ manufacturers, shall not employ or engage forced labour. Forced labour consists of any work or service, not voluntarily performed, that is exacted from an individual under threat of force or penalty, and includes any kind of involuntary or compulsory labour, such as indentured labour, bonded labour or similar labour-contracting arrangements.

No persons shall be employed or engaged who have been subject to trafficking. Trafficking in persons is defined as the recruitment, transportation, transfer, harbouring or receipt of persons by means of the threat or use of force or other forms of coercion, abduction, fraud, deception, abuse of power, or of a position of vulnerability, or of the giving or receiving of payments or benefits to achieve the consent of a person having control over another person, for the purposes of exploitation.

In this regard, the Service Provider shall:

- (a) include in contracts with Subcontractors/ suppliers/ manufacturers of *[solar panels]* *[solar panel components]*, obligations to prevent Forced Labor among the staff, employees, workers and any other person employed or engaged by the Subcontractors/ supplier/ manufacturer;

- (b) include in contracts with Subcontractors/ suppliers/ manufacturers of *[solar panels] [solar panel components]*, that the Subcontractors/ suppliers/manufacturers include an obligation to prevent Forced Labor in all contracts that they execute with their suppliers/ manufacturers of *[solar panel][solar panel components]*;
- (c) monitor Subcontractors/ suppliers/ manufacturers of *[solar panels][solar panel components]* on implementation of obligations to prevent Forced Labor among the staff, employees, workers and any other person employed or engaged by them;
- (d) require Subcontractors to monitor their suppliers/manufacturers of *[solar panels][solar panel components]* on implementation of obligations to prevent Forced Labor among the staff, employees, workers and any other person employed or engaged by them;
- (e) require its Subcontractors/ suppliers/ manufacturers to immediately notify the Subcontractors of any incidents of Forced Labor;
- (f) immediately notify the Employer any incident of Forced labor on the site, or premises of Subcontractors/ suppliers/ manufacturers of *[solar panels] [solar panel components]*; and
- (g) include in periodic progress reports submitted in accordance with the contract sufficient details on its, including its Subcontractors/ suppliers/ manufacturers, compliance with Forced Labor obligations.

#### Child Labor

The Service Provider, including its Subcontractors, shall not employ or engage a child under the age of 14 unless the national law specifies a higher age (the minimum age).

The Service Provider, including its Subcontractors, shall not employ or engage a child between the minimum age and the age of 18 in a manner that is likely to be hazardous, or to interfere with, the child's education, or to be harmful to the child's health or physical, mental, spiritual, moral, or social development.

The Service Provider including its Subcontractors, shall only employ or engage children between the minimum age and the age of 18 after an appropriate risk assessment has been conducted by the Service Provider with the Employer's consent. The Service Provider shall be subject to regular monitoring by the Employer that includes monitoring of health, working conditions and hours of work.

Work considered hazardous for children is work that, by its nature or the circumstances in which it is carried out, is likely to jeopardize the health, safety, or morals of children. Such work activities prohibited for children include work:

- (a) with exposure to physical, psychological or sexual abuse;
- (b) underground, underwater, working at heights or in confined spaces;
- (c) with dangerous machinery, equipment or tools, or involving handling or transport of heavy loads;
- (d) in unhealthy environments exposing children to hazardous substances, agents, or processes, or to temperatures, noise or vibration damaging to health; or
- (e) under difficult conditions such as work for long hours, during the night or in confinement on the premises of the employer.

## 5. Obligations of the Employer

- 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

- 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** (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**
- 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”.

Imc is the index prevailing at the first day of the month of the corresponding invoice date and Ioc 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 Unless otherwise agreed by both the Employer and the Service Provider, arbitration shall be conducted as follows:

- (a) For contracts with foreign Service Providers:

**unless otherwise specified in the SCC**; the dispute shall be finally settled under the Rules of Arbitration of the International Chamber of Commerce; by one or three arbitrators appointed in accordance with these Rules. The place of arbitration shall be the neutral location **stated in the SCC**; and the arbitration shall be conducted in the ruling language **stated in the SCC**;

and

- (b) For contracts with national Service Providers, arbitration with proceedings conducted in accordance with the laws of the Employer's country.

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;<sup>1</sup> (ii) to be a nominated<sup>2</sup> 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 inspect<sup>3</sup> 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.

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<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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
<b>1.1</b>	The words “in the Government’s country” are amended to read <b>Republic of Ghana</b>
<b>1.1(a)</b>	The Adjudicator is : <i>To be determined</i>
<b>1.1(e)</b>	The contract name is <b>Last-mile connectivity to selected unserved and underserved areas and rural Community Information Centers (CICs).</b>
<b>1.1(h)</b>	The Employer is <b>Ministry of Communications and Digitalization</b>
<b>1.1(o)</b>	The Member in Charge is <b>Chief Director</b>
<b>1.1(q)</b>	The Service Provider is _____
<b>1.2</b>	The Applicable Law is: The laws of the <b>Republic of Ghana</b>
<b>1.3</b>	The language is <b>English</b>
<b>1.4</b>	<p>The addresses are:</p> <p>Employer: <b>Ministry of Communications and Digitalization and Digitalization</b></p> <p>Attention: <b>Chief Director</b></p> <p>Service Provider: _____</p> <p>Attention: _____</p> <p>Telex: _____</p> <p>Facsimile: _____</p>
<b>1.6</b>	<p>The Authorized Representatives are:</p> <p>For the Employer: <b>Alexander Arphul</b></p> <p>For the Service Provider: _____</p>
<b>2.1</b>	The date on which this Contract shall come into effect is the date of contract signing
<b>2.2.2</b>	The Starting Date for the commencement of Services is <b>within 30 days from the date of Effectiveness of the contract</b>

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
2.3	The Intended Completion Date is <i>within 12 months from the date of effectiveness of the contract.</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: N/A
3.1	Health and safety manual is required
3.2.3	Activities prohibited after termination of this Contract are: N/A
3.4	<p>The risks and coverage by insurance shall be:</p> <ul style="list-style-type: none"> <li>(i) Third Party motor vehicle –USD20,000.00</li> <li>(ii) Third Party liability – USD50,000.00</li> <li>(iii) Employer’s liability and workers’ compensation – USD100,000.00</li> <li>(iv) Professional liability – USD 200,000.00</li> <li>(v) Loss or damage to equipment and property – USD100,000.00</li> <li>(vi) Insurance coverage for Goods to be supplied under Phase 2 shall be as per Incoterms 2020</li> </ul>
3.5(d)	The other actions are: N/A
3.6	<b>Not Applicable</b>
3.7	Restrictions on the use of documents prepared by the Service Provider are: <b>Not Applicable</b>
3.8.1	<p>The liquidated damages rate is one half of one percent (0.5%) per day</p> <p>The maximum amount of liquidated damages for the whole contract is <u>10%</u> percent of the final Contract Price.</p>
3.8.3	The percentage to be used for the calculation of Lack of Performance Penalty (ies) is: 5% per month of the delay.
3.9	<p>A Performance Security <b>shall</b> be required</p> <p>If required, the Performance Security shall be in the form of: <b>a Bank Guarantee</b></p> <p>The amount of the Performance Security shall be: <b>10%</b> of the Contract Price</p> <p>The Performance security shall be denominated in a freely convertible currency acceptable to the Employer</p>

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
3.11	<i>Not Applicable</i>
3.13	The Service Provider <b>shall</b> submit a site security management plan.
3.16	<i>Not Applicable</i>
5.1	The assistance and exemptions provided to the Service Provider are: <b>None</b>
6.2(a)	The amount in local currency is: <i>Not Applicable</i>
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	<p><b>Payment shall be made as per the following schedule for Phase one.</b></p> <ul style="list-style-type: none"> <li>• <b>Twenty (20)</b> percent of the Contract Price for Phase 1 shall be paid within thirty (30) days of signing of the Contract, and upon submission of claim and a bank guarantee. The bank guarantee shall be released upon completion of 70% of the sites and connected.</li> <li>• <b>Thirty (30)</b> percent of the Contract Price for Phase 1 when 40% of the sites have been connected and upon submission of claim and satisfactory user acceptance test report issued and in the form provided in the bidding document or another form acceptable to the Employer.</li> <li>• <b>Twenty (20)</b> percent of the Contract Price for Phase 1 when 70% of the sites have been connected and upon submission of claim and satisfactory user acceptance test report issued and in the form provided in the bidding document or another form acceptable to the Employer</li> <li>• <b>Twenty (20)</b> percent of the Contract Price for Phase 1 when 100% of the sites have been connected and upon submission of claim and satisfactory user acceptance test report issued and in the form provided in the bidding document or another form acceptable to the Employer</li> <li>• <b>Ten (10) percent</b> of the Contract Price for Phase 1 when operational acceptance certificate is issued.</li> </ul> <p><b>Payment shall be made as per the following schedule for Phase two</b></p> <ul style="list-style-type: none"> <li>• <b>Ten (10)</b> percent of the Contract Price for Phase 2 shall be paid within thirty (30) days of signing of the Contract, and upon submission of claim and a bank guarantee. The bank guarantee shall be released upon completion of works.</li> </ul> <p>Eighty (80%) payment on delivery of equipment</p> <ul style="list-style-type: none"> <li>• <b>Ten (10%)</b> percent of the Contract Price for Phase 2 shall be paid within six (60) days upon testing and acceptance of completion of works.</li> </ul>



Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
	<ul style="list-style-type: none"> <li>The customer shall take additional service (mostly additional last mile) from the provider equivalent to the accumulated annual service credit.</li> </ul>
6.5	<p>Payment shall be made within <b>30 days</b> of receipt of the invoice and the relevant documents specified in Sub-Clause 6.4, and within <b>45 days</b> in the case of the final payment.</p> <p>The interest rate for a delayed payment is five percent (5%) per annum</p>
6.6.1	N/A
7.1	<p>The principle and modalities of inspection of the Services by the Employer are as follows:</p> <ul style="list-style-type: none"> <li>Equipment installed shall be inspected to ensure the equipment works as expected</li> <li>Will check to ensure that all equipment that require earthing or grounding is in place.</li> <li>An end to end bandwidth throughput test shall be done for all sites to ascertain the designated bandwidth has been provisioned with an employer appointed engineer on site.</li> <li>All other inspection and testing criteria will be agreed by both employer and service provider and shall be administered as part of User Acceptance Testing.</li> </ul> <p>The Defects Liability Period is: <b>3 months</b></p>
8.2.3	<p>The Adjudicator is _____, who will be paid a rate of _____ per hour of work. The following reimbursable expenses are recognized: _____</p>
8.2.4	<p>Rules of arbitration</p> <p>GCC 8.2.4 (a) <b>shall</b> apply.</p> <p>GCC Sub-Clause 8.2.4 (b): <b>shall apply</b>.</p> <p><i>GCC 8.2.4 (a) shall be retained in the case of a Contract with a foreign Service Provider. GCC 8.2.4 (b) shall be retained in the case of a Contract with a domestic Service Provider.</i></p> <p><i>Place of arbitration if GCC 8.2.4 (a) applies shall be in either Ghana or country of the service provider and the language shall be English</i></p>
8.2.5	<p>The designated Appointing Authority for a new Adjudicator is The Ghana Institute of Engineers.</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 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 N/A**

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**Appendix G- CODE OF CONDUCT FOR SERVICE PROVIDER'S  
PERSONNEL**

## Appendix H- Sexual Exploitation and Abuse (SEA) and/or Sexual Harassment (SH) Performance Declaration for Subcontractors

*[The following table shall be filled in by each subcontractor proposed by the Service Provider, that was not named in the Contract]*

Subcontractor’s Name: *[insert full name]*  
 Date: *[insert day, month, year]*  
 Contract reference *[insert contract reference]*  
 Page *[insert page number]* of *[insert total number]* pages

<b>SEA and/or SH Declaration</b>
<p>We:</p> <p><input type="checkbox"/> (a) have not been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.</p> <p><input type="checkbox"/> (b) are subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.</p> <p><input type="checkbox"/> (c) had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations. An arbitral award on the disqualification case has been made in our favor.</p>
<p><i>[If (c) above is applicable, attach evidence of an arbitral award reversing the findings on the issues underlying the disqualification.]</i></p>

Name of the SubService Provider \_\_\_\_\_

Name of the person duly authorized to sign on behalf of the SubService Provider \_\_\_\_\_

Title of the person signing on behalf of the SubService Provider \_\_\_\_\_

Signature of the person named above \_\_\_\_\_

Date signed \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

Countersignature of authorized representative of the Service Provider:

Signature: \_\_\_\_\_

Date signed \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

# Section X - Contract Forms

## Table of 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 unless the Bidder has previously received notice of exclusion from the process at an interim stage of the procurement process]***

***[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

<b>Name:</b>	<i>[insert name of successful Bidder]</i>
<b>Address:</b>	<i>[insert address of the successful Bidder]</i>

<b>Contract price:</b>	<i>[insert contract price of the successful Bid]</i>
<b>Total combined score:</b>	<i>[insert the total combined score of the successful Bidder]</i>

**2. Other Bidders** *[INSTRUCTIONS: insert names of all Bidders that submitted a Bid, Bid prices as read out and evaluated, technical scores and combined scores.]*

<b>Name of Bidder</b>	<b>Technical Score</b>	<b>Bid price</b>	<b>Evaluated Bid cost (if applicable)</b>	<b>Combined Score</b>
<i>[insert name]</i>	<i>[insert Technical score]</i>	<i>[insert Bid price]</i>	<i>[insert evaluated cost]</i>	<i>[insert combined score]</i>
<i>[insert name]</i>	<i>[insert Technical score]</i>	<i>[insert Bid price]</i>	<i>[insert evaluated cost]</i>	<i>[insert combined score]</i>
<i>[insert name]</i>	<i>[insert Technical score]</i>	<i>[insert Bid price]</i>	<i>[insert evaluated cost]</i>	<i>[insert combined score]</i>
<i>[insert name]</i>	<i>[insert Technical score]</i>	<i>[insert Bid price]</i>	<i>[insert evaluated cost]</i>	<i>[insert combined score]</i>
<i>[insert name]</i>	<i>[insert Technical score]</i>	<i>[insert Bid price]</i>	<i>[insert evaluated cost]</i>	<i>[insert combined score]</i>

**3. Reason/s why your Bid was unsuccessful** *[Delete if the combined score already reveals the reason]*

*[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

**DEADLINE: The deadline for submitting a Procurement-related Complaint challenging the decision to award the contract expires on 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 \(Procurement Regulations\)](#) (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](#)" 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 procurement 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. This may happen where we are unable to provide a debriefing within the five (5) Business Day deadline. If this happens, we will notify you of the extension.

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>			

**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 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

## Contract Agreement

This AGREEMENT 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 Letter of 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 SubService Providers

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

Appendix G: Performance Incentive Compensation

Appendix H: Code of Conduct for Service Provider’s Personnel

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 Agreement to be executed in accordance with the laws of \_\_\_\_\_ on the day, month and year indicated above.

**For and on behalf of the Employer:**

Signed: *[insert signature]*

in the capacity of *[insert title or other appropriate designation]*

in the presence of *[insert identification of official witness]*

**For and on behalf of the Service Provider:**

Signed: *[insert signature of authorized representative(s) of the Service Provider]*

in the capacity of *[insert title or other appropriate designation]*

in the presence of *[insert identification of official witness]*

## 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]*,<sup>1</sup> 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.

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<sup>1</sup> *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...<sup>2</sup>, 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.

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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.***

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<sup>2</sup> *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.”*

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**Environmental and Social (ES) Performance Security**

**Not Applicable**

## 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]*<sup>1</sup> 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

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<sup>1</sup> *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.***







## APPENDIX I to Contract – LIST OF CICs AND SCHOOLS TO BE CONNECTED

### List of Sites for Phase1 and 2

No.	NAME	DISTRICT	REGION	CAT	SCOPE
1	GOASO	ASUNAFO NORTH	AHAFO	CIC	EQUIPMENT&CONNECTIVITY
2	AYOMSO CIC	ASUNAFO NORTH	AHAFO	CIC	EQUIPMENT&CONNECTIVITY
3	DUAYAW NKWANTA	TANO NORTH	AHAFO	CIC	EQUIPMENT&CONNECTIVITY
4	BECHEM	TANO SOUTH	AHAFO	CIC	EQUIPMENT&CONNECTIVITY
5	TECHIMANTIA	TANO SOUTH	AHAFO	CIC	EQUIPMENT&CONNECTIVITY
6	DERMA	TANO SOUTH	AHAFO	CIC	EQUIPMENT&CONNECTIVITY
7	ABANKRO	ABANKRO	ASHANTI	CIC	ONLY CONNECTIVITY
8	DOMPOASE CIC	ADANSI NORTH	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
9	NEW EDUBIASE	ADANSI SOUTH	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
10	AMOAKO	AFIGYA KWABRE NORTH	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
11	NKWANTAKESE	AFIGYA KWABRE NORTH	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
12	HEMANG	AFIGYA KWABRE SOUTH	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
13	KODIE	AFIGYA KWABRE SOUTH	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
14	TEPA	AHAFO ANO NORTH	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
15	ABESEWA CIC	AHAFO ANO SOUTH WEST	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
16	MANSO NKWANTA	AMANSIE WEST	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
17	KONONGO LIB	ASHANTI AKIM CENTRAL	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
18	ASOKORE	ASOKORE	ASHANTI	CIC	ONLY CONNECTIVITY
19	SAWABA	ASOKORE MAMPONG	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY

20	ADUKROM CIC	ASOKORE MAMPONG	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
21	ASAWASE	ASOKORE MAMPONG	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
22	MPASATIA	ATWIMA NWABIAGYA	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
23	NKAWIE	ATWIMA NWABIAGYA	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
24	BEKWAI	BEKWAI	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
25	KUNTUNASE	BOSOMTWE	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
26	BONWIRE	EJISU	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
27	EJURA	EJURA	ASHANTI	CIC	ONLY CONNECTIVITY
28	ANYINASU	EJURA SEKYEDUMASE	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
29	GYADAM	GYADAM	ASHANTI	CIC	ONLY CONNECTIVITY
30	KOKOFU	KOKOFU	ASHANTI	CIC	ONLY CONNECTIVITY
31	BANTAMA COMMUNITY LIBRARY	KUMASI	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
32	KUMAWU	KUMAWU	ASHANTI	CIC	ONLY CONNECTIVITY
33	ADANWOMASE	KWABRE EAST	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
34	MAMPONGTENG	KWABRE EAST	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
35	OLD TAFO CIC	OLD TAFO	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
36	DROBONSO	SEKYERE AFRAM PLAINS	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
37	NSUTA KWAMANG	SEKYERE CENTRAL	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
38	AGONA	SEKYERE SOUTH	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
39	JAMASI	SEKYERE SOUTH	ASHANTI	CIC	EQUIPMENT&CONNECTIVITY
40	BREKUM-PROF BENNE ICT CENTRE	BREKUM	BONO	CIC	EQUIPMENT&CONNECTIVITY
41	GOKA	JAMAN NORTH	BONO	CIC	EQUIPMENT&CONNECTIVITY
42	SAMPA	JAMAN NORTH	BONO	CIC	EQUIPMENT&CONNECTIVITY
43	DROBO CIC	JAMAN SOUTH	BONO	CIC	EQUIPMENT&CONNECTIVITY

44	SUNYANI(GC NET)	SUNYANI	BONO	CIC	EQUIPMENT&CONNECTIVITY
45	CHIRAA	SUNYANI WEST	BONO	CIC	EQUIPMENT&CONNECTIVITY
46	WENCHI	WENCHI	BONO	CIC	EQUIPMENT&CONNECTIVITY
47	AKUMA	AKUMA	BONO EAST	CIC	ONLY CONNECTIVITY
48	ATEBUBU	ATEBUBU AMANTIN	BONO EAST	CIC	EQUIPMENT&CONNECTIVITY
49	AKOKOA	ATEBUBU AMANTIN	BONO EAST	CIC	EQUIPMENT&CONNECTIVITY
50	BUSUANYA	BUSUANYA	BONO EAST	CIC	ONLY CONNECTIVITY
51	JEMA CIC	KINTAMPO SOUTH	BONO EAST	CIC	EQUIPMENT&CONNECTIVITY
52	NKORANZA ECIC	NKORANZA SOUTH	BONO EAST	CIC	EQUIPMENT&CONNECTIVITY
53	TECHIMAN	TECHIMAN	BONO EAST	CIC	EQUIPMENT&CONNECTIVITY
54	HON MARTIN MENSAH KORSAH ICT CENTER	TECHIMAN	BONO EAST	CIC	EQUIPMENT&CONNECTIVITY
55	TECHIMAN KROBO	TECHIMAN NORTH	BONO EAST	CIC	EQUIPMENT&CONNECTIVITY
56	ABAKRAMPA	ABURA ASEBU KWAMANKESE	CENTRAL	CIC	EQUIPMENT&CONNECTIVITY
57	ABEA ABOSO	GOMOA CENTRAL	CENTRAL	CIC	EQUIPMENT&CONNECTIVITY
58	ABURA DUNKWA	ABURA ASEBU KWAMANKESE	CENTRAL	CIC	EQUIPMENT&CONNECTIVITY
59	AGONA ABODOM CIC	AGONA ABODOM CIC	CENTRAL	CIC	ONLY CONNECTIVITY
60	AGONA ABODOM	AGONA WEST	CENTRAL	CIC	EQUIPMENT&CONNECTIVITY
61	AGONA NYAKROM	AGONA WEST	CENTRAL	CIC	EQUIPMENT&CONNECTIVITY
62	ANOMABO ICT CENTER	MFANTSIMAN	CENTRAL	CIC	EQUIPMENT&CONNECTIVITY
63	ASASSAN ICT CENTER	AJUMAKO ENYAN ESIAM	CENTRAL	CIC	EQUIPMENT&CONNECTIVITY
64	ASIKUMA CIC	ASIKUMA ODOBEN BRANKWA	CENTRAL	CIC	EQUIPMENT&CONNECTIVITY
65	ASSIN FOSU (ZONAL OFFICE)	ASSIN CENTRAL	CENTRAL	CIC	EQUIPMENT&CONNECTIVITY
66	ASSIN MANSO	ASSIN SOUTH	CENTRAL	CIC	EQUIPMENT&CONNECTIVITY
67	CAICO CIC	AGONA WEST	CENTRAL	CIC	EQUIPMENT&CONNECTIVITY

68	EGUAFO	KOMENDA EDINA EGUAFO ABIREM	CENTRAL	CIC	EQUIPMENT&CONNECTIVITY
69	ELMINA	KOMENDA EDINA EGUAFO ABIREM	CENTRAL	CIC	EQUIPMENT&CONNECTIVITY
70	JUKWA ICT CENTER	TWIFO HEMAN LOWER DENKYIRA	CENTRAL	CIC	EQUIPMENT&CONNECTIVITY
71	KRUWA ICT CENTER	ASSIN SOUTH	CENTRAL	CIC	EQUIPMENT&CONNECTIVITY
72	MANKESSIM	MFANTSIMAN	CENTRAL	CIC	EQUIPMENT&CONNECTIVITY
73	MANKRONG	AGONA EAST	CENTRAL	CIC	EQUIPMENT&CONNECTIVITY
74	SENYA BREKU TECH HUB	AWUTU SENYA WEST	CENTRAL	CIC	EQUIPMENT&CONNECTIVITY
75	SENYA	SENYA	CENTRAL	CIC	ONLY CONNECTIVITY
76	TWIFO PRASO	TWIFO ATTI MORKWA	CENTRAL	CIC	EQUIPMENT&CONNECTIVITY
77	ABAAM CIC	KWAEBIBIREM	EASTERN	CIC	EQUIPMENT&CONNECTIVITY
78	ABETIFI CIC LIBRARY	KWAHU EAST	EASTERN	CIC	EQUIPMENT&CONNECTIVITY
79	ABIRIW	AKUAPIM NORTH	EASTERN	CIC	EQUIPMENT&CONNECTIVITY
80	ABURI CIC POST OFFICE	AKUAPIM SOUTH	EASTERN	CIC	EQUIPMENT&CONNECTIVITY
81	ACHIASE CIC	BIRIM SOUTH	EASTERN	CIC	EQUIPMENT&CONNECTIVITY
82	AKWADUM ECIC	NEW JUABEN NORTH	EASTERN	CIC	EQUIPMENT&CONNECTIVITY
83	AKYEM SWEDRU	BIRIM SOUTH	EASTERN	CIC	EQUIPMENT&CONNECTIVITY
84	AMANFROM ECIC	OKERE	EASTERN	CIC	EQUIPMENT&CONNECTIVITY
85	ASUOM	ASUOM	EASTERN	CIC	ONLY CONNECTIVITY
86	AWISA	AWISA	EASTERN	CIC	ONLY CONNECTIVITY
87	BIENI - JENET BRAKO ICT CENTER	BIREM CENTRAL	EASTERN	CIC	ONLY CONNECTIVITY
88	DONKORKROM CIC POST OFFICE	KWAHU AFRAM PLAINS NORTH	EASTERN	CIC	EQUIPMENT&CONNECTIVITY
89	DWENASE ECIC	FANTEAKWA SOUTH	EASTERN	CIC	EQUIPMENT&CONNECTIVITY
90	KADE ICT - PENTECOST	KWAEBIRIM	EASTERN	CIC	EQUIPMENT&CONNECTIVITY
91	KWABENG CIC	ATIWA WEST	EASTERN	CIC	EQUIPMENT&CONNECTIVITY

92	KWAHU PRASO CIC	KWAHU SOUTH	EASTERN	CIC	EQUIPMENT&CONNECTIVITY
93	KWAHU TAFO	KWAHU SOUTH	EASTERN	CIC	EQUIPMENT&CONNECTIVITY
94	KYEBI REGIONAL OFFICE	ABUAKWA SOUTH	EASTERN	CIC	EQUIPMENT&CONNECTIVITY
95	MOSEASO CIC	ATIWA EAST	EASTERN	CIC	EQUIPMENT&CONNECTIVITY
96	NEW ABIREM CIC	BIRIM NORTH	EASTERN	CIC	EQUIPMENT&CONNECTIVITY
97	NEW JUABEN ECIC	NEW JUABEN SOUTH	EASTERN	CIC	EQUIPMENT&CONNECTIVITY
98	NKAWKAW LIBRARY	NKAWKAW	EASTERN	CIC	EQUIPMENT&CONNECTIVITY
99	OBOMENG ECIC	KWAHU SOUTH	EASTERN	CIC	EQUIPMENT&CONNECTIVITY
100	ODA CIC (CYBER SECURITY)	BIRIM CENTRAL	EASTERN	CIC	EQUIPMENT&CONNECTIVITY
101	ODA	BIREM CENTRAL	EASTERN	CIC	ONLY CONNECTIVITY
102	OFOASE	AKYEMANSA	EASTERN	CIC	EQUIPMENT&CONNECTIVITY
103	SOMANYA (NEW)	YILO KROBO	EASTERN	CIC	EQUIPMENT&CONNECTIVITY
104	SUABE	DENKYEMBOUR	EASTERN	CIC	EQUIPMENT&CONNECTIVITY
105	SUHUM	SUHUM	EASTERN	CIC	ONLY CONNECTIVITY
106	TAKORASE	TAKORASE	EASTERN	CIC	ONLY CONNECTIVITY
107	TEASE	KWAHU AFRAM PLAINS SOUTH	EASTERN	CIC	EQUIPMENT&CONNECTIVITY
108	ABOKOBI	GA EAST	GREATER ACCRA	CIC	EQUIPMENT&CONNECTIVITY
109	AMANFROM	ACCRA	GREATER ACCRA	CIC	EQUIPMENT&CONNECTIVITY
110	AMASAMAN	GA WEST	GREATER ACCRA	CIC	EQUIPMENT&CONNECTIVITY
111	ASHAIMAN	ASHAIMAN	GREATER ACCRA	CIC	EQUIPMENT&CONNECTIVITY
112	DAWHENYA	NINGO PRAMPRAM	GREATER ACCRA	CIC	EQUIPMENT&CONNECTIVITY
113	DODOWA CIC	SHAI OSUDOKU	GREATER ACCRA	CIC	EQUIPMENT&CONNECTIVITY
114	DODOWA	SHAI OSUDOKU	GREATER ACCRA	CIC	EQUIPMENT&CONNECTIVITY
115	GLEFE	ABLEKUMA WEST	GREATER ACCRA	CIC	EQUIPMENT&CONNECTIVITY

116	KWABENYA( ROUNDABOUT)	GA EAST	GREATER ACCRA	CIC	EQUIPMENT&CONNECTIVITY
117	KWASHIEKUMA	GA WEST	GREATER ACCRA	CIC	EQUIPMENT&CONNECTIVITY
118	OPETEKWEI	OPETEKWEI	GREATER ACCRA	CIC	ONLY CONNECTIVITY
119	OYIBI	KPONE KATAMANSO	GREATER ACCRA	CIC	EQUIPMENT&CONNECTIVITY
120	PANTANG	ACCRA	GREATER ACCRA	CIC	EQUIPMENT&CONNECTIVITY
121	SEGE	ADA WEST	GREATER ACCRA	CIC	EQUIPMENT&CONNECTIVITY
122	TAIFA	GA EAST	GREATER ACCRA	CIC	EQUIPMENT&CONNECTIVITY
123	GAMBAGA	EAST MAMPRUSI	North East	CIC	EQUIPMENT&CONNECTIVITY
124	NALERIGU	EAST MAMPRUSI	North East	CIC	EQUIPMENT&CONNECTIVITY
125	YAGABA	MAMPRUGU MOAGDURI	North East	CIC	EQUIPMENT&CONNECTIVITY
126	JANGA	WEST MAMPRUSI	North East	CIC	EQUIPMENT&CONNECTIVITY
127	WALEWALE	WEST MAMPRUSI	North East	CIC	EQUIPMENT&CONNECTIVITY
128	KARAGA	KARAGA	NORTHERN	CIC	EQUIPMENT&CONNECTIVITY
129	GUSHIEGU(NEW)	KARAGA	NORTHERN	CIC	EQUIPMENT&CONNECTIVITY
130	BIMBILLA	NANUMBA NORTH	NORTHERN	CIC	EQUIPMENT&CONNECTIVITY
131	SABOBA	SABOBA	NORTHERN	CIC	EQUIPMENT&CONNECTIVITY
132	SAGNARIGU	SAGNARIGU	NORTHERN	CIC	EQUIPMENT&CONNECTIVITY
133	TAMALE(GC NET)	TAMALE	NORTHERN	CIC	EQUIPMENT&CONNECTIVITY
134	TOLON	TOLON	NORTHERN	CIC	ONLY CONNECTIVITY
135	YENDI (NEW)	YENDI	NORTHERN	CIC	EQUIPMENT&CONNECTIVITY
136	JASIKAN	JASIKAN	OTI	CIC	EQUIPMENT&CONNECTIVITY
137	JASIKAN CIC	JASIKAN	OTI	CIC	EQUIPMENT&CONNECTIVITY
138	KADJEBI	KADJEBI	OTI	CIC	ONLY CONNECTIVITY
139	KETE KRACHI	KRACHI WEST	OTI	CIC	EQUIPMENT&CONNECTIVITY

140	DAMBIA CIC	KRACHI WEST	OTI	CIC	EQUIPMENT&CONNECTIVITY
141	NKWANTA	NKWANTA SOUTH	OTI	CIC	EQUIPMENT&CONNECTIVITY
142	BOLE	BOLE	SAVANNAH	CIC	EQUIPMENT&CONNECTIVITY
143	BUIPE NEW	CENTRAL GONJA	SAVANNAH	CIC	EQUIPMENT&CONNECTIVITY
144	KPEMBI	EAST GONJA	SAVANNAH	CIC	EQUIPMENT&CONNECTIVITY
145	DAMONGO CIC	WEST GONJA	SAVANNAH	CIC	EQUIPMENT&CONNECTIVITY
146	BAWKU	BAWKU	UPPER EAST	CIC	EQUIPMENT&CONNECTIVITY
147	ZEBILLA (NEW)	BAWKU WEST	UPPER EAST	CIC	EQUIPMENT&CONNECTIVITY
148	BOLGA CIC	BOLGATANGA	UPPER EAST	CIC	EQUIPMENT&CONNECTIVITY
149	BONGO	BONGO	UPPER EAST	CIC	EQUIPMENT&CONNECTIVITY
150	SANDEMA	BUILSA NORTH	UPPER EAST	CIC	EQUIPMENT&CONNECTIVITY
151	NAVRONGO	KASSENA NANKANA	UPPER EAST	CIC	EQUIPMENT&CONNECTIVITY
152	PAGA	KASSENA NANKANA	UPPER EAST	CIC	EQUIPMENT&CONNECTIVITY
153	TONGO	TALENSI	UPPER EAST	CIC	EQUIPMENT&CONNECTIVITY
154	JIRAPA	JIRAPA	U. WEST	CIC	EQUIPMENT&CONNECTIVITY
155	JIRAPA	JIRAPA	U. WEST	CIC	EQUIPMENT&CONNECTIVITY
156	LAWRA	LAWRA	U. WEST	CIC	EQUIPMENT&CONNECTIVITY
157	KALEO CIC	NADOWLI KALEO	U. WEST	CIC	EQUIPMENT&CONNECTIVITY
158	NANDOM	NANDOM	U. WEST	CIC	EQUIPMENT&CONNECTIVITY
159	NANDOM	NANDOM	U. WEST	CIC	EQUIPMENT&CONNECTIVITY
160	TUMU	SISSALA EAST	U. WEST	CIC	EQUIPMENT&CONNECTIVITY
161	TUMU	SISSALA EAST	U. WEST	CIC	EQUIPMENT&CONNECTIVITY
162	SORBELLE	SISSALA WEST	U. WEST	CIC	EQUIPMENT&CONNECTIVITY
163	GWOLLU	SISSALA WEST	U. WEST	CIC	EQUIPMENT&CONNECTIVITY

164	WA	WA	U. WEST	CIC	EQUIPMENT&CONNECTIVITY
165	FUNSI	WA EAST	U. WEST	CIC	EQUIPMENT&CONNECTIVITY
166	DOROMON	WA WEST	U. WEST	CIC	EQUIPMENT&CONNECTIVITY
167	HO CIC	HO	VOLTA	CIC	EQUIPMENT&CONNECTIVITY
168	HLEFI	HO WEST	VOLTA	CIC	EQUIPMENT&CONNECTIVITY
169	TSITO AWUDOME CIC	HO WEST	VOLTA	CIC	EQUIPMENT&CONNECTIVITY
170	KETA	KETA	VOLTA	CIC	EQUIPMENT&CONNECTIVITY
171	TEGBI	KETA	VOLTA	CIC	EQUIPMENT&CONNECTIVITY
172	WETA	KETU NORTH	VOLTA	CIC	EQUIPMENT&CONNECTIVITY
173	KPANDO CIC	KPANDO	VOLTA	CIC	EQUIPMENT&CONNECTIVITY
174	BOTOKU	NORTH DAYI	VOLTA	CIC	EQUIPMENT&CONNECTIVITY
175	MEPE	NORTH TONGU	VOLTA	CIC	EQUIPMENT&CONNECTIVITY
176	PEKI-AVETILE	SOUTH DAYI	VOLTA	CIC	EQUIPMENT&CONNECTIVITY
177	ASANKRANGWA	AMENFI WEST	WESTERN	CIC	EQUIPMENT&CONNECTIVITY
178	SAMREBOI	AMENFI WEST	WESTERN	CIC	EQUIPMENT&CONNECTIVITY
179	ASANKRAN BREMAN	AMENFI WEST	WESTERN	CIC	EQUIPMENT&CONNECTIVITY
180	WASSA DUNKWA	AMENFI WEST	WESTERN	CIC	EQUIPMENT&CONNECTIVITY
181	FORDJOURKROM	AMENFI WEST	WESTERN	CIC	ONLY CONNECTIVITY
182	MANSO AMENFI	AMENFI WEST	WESTERN	CIC	ONLY CONNECTIVITY
183	NKWANTATWAM	AMENFI WEST	WESTERN	CIC	ONLY CONNECTIVITY
184	AMUNI	AMUNI	WESTERN	CIC	ONLY CONNECTIVITY
185	ANYINASE CIC	ELLEMBELE	WESTERN	CIC	EQUIPMENT&CONNECTIVITY
186	AXIM	NZEMA EAST	WESTERN	CIC	EQUIPMENT&CONNECTIVITY
187	KETAN	SEKONDI TAKORADI	WESTERN	CIC	EQUIPMENT&CONNECTIVITY



188	WASSA AKROPONG	WASSA AMENFI EAST	WESTERN	CIC	EQUIPMENT&CONNECTIVITY
189	DABOASE	WASSA EAST	WESTERN	CIC	EQUIPMENT&CONNECTIVITY
190	MPOHOR	WASSA EAST	WESTERN	CIC	EQUIPMENT&CONNECTIVITY
191	KWESIMINTSIM	SEKONDI TAKORADI	WESTERN	CIC	EQUIPMENT&CONNECTIVITY
192	ENCHI	AOWIN	W. NORTH	CIC	EQUIPMENT&CONNECTIVITY
193	ESSAM	BIA WEST	W. NORTH	CIC	EQUIPMENT&CONNECTIVITY
194	BIBIANI	BIBIANI ANHWIASO BEKWAI	W. NORTH	CIC	EQUIPMENT&CONNECTIVITY
195	BODI	BODI	W. NORTH	CIC	EQUIPMENT&CONNECTIVITY
196	DADIESO	DADIESO	W. NORTH	CIC	ONLY CONNECTIVITY
197	BONSU NKWANTA	JUABOSO	W. NORTH	CIC	EQUIPMENT&CONNECTIVITY
198	JUABOSO	JUABOSO	W. NORTH	CIC	EQUIPMENT&CONNECTIVITY
199	AKONTOMBRA	SEFWI AKONTOMBRA	W. NORTH	CIC	EQUIPMENT&CONNECTIVITY
200	SEFWI WIAWSO	SEFWI WIAWSO	W. NORTH	CIC	EQUIPMENT&CONNECTIVITY
201	AHAFOMAN SHS	Ahafo Region	ASUNAFO NORTH	SHS	CONNECTIVITY
202	ACHERENSUA SENIOR HIGH	Ahafo Region	ASUTIFI SOUTH	SHS	CONNECTIVITY
203	OLA GIRLS SENIOR HIGH, KENYASE	Ahafo Region	ASUTIFI NORTH	SHS	CONNECTIVITY
204	SANKORE SHS	Ahafo Region	ASUNAFO SOUTH	SHS	CONNECTIVITY
205	BOAKYE TROMO SHS	Ahafo Region	TANO NORTH MUNICIPAL	SHS	CONNECTIVITY
206	TERCHIRE SENIOR HIGH	Ahafo Region	TANO NORTH MUNICIPAL	SHS	CONNECTIVITY
207	DERMA COMMUNITY DAY SHS	Ahafo Region	TANO SOUTH	SHS	CONNECTIVITY
208	GYANFI KUMANINI SHTS	Ahafo Region	ASUTIFI NORTH	SHS	CONNECTIVITY
209	MANSEN SENIOR HIGH	Bono Region	DORMAA EAST	SHS	CONNECTIVITY
210	TWENE AMANFO SHS	Bono Region	SUNYANI MUNICIPAL	SHS	CONNECTIVITY
211	BEREKUM SHS	Bono Region	BEREKUM	SHS	CONNECTIVITY

212	SUNYANI METHODIST TECHNICAL	Bono Region	SUNYANI EAST	SHS	CONNECTIVITY
213	BANDAMAN SHTS, BANDA AHENKRO	Bono Region	BANDA	SHS	CONNECTIVITY
214	BEREKUM PRESBY SENIOR HIGH	Bono Region	BEREKUM MUNICIPAL	SHS	CONNECTIVITY
215	NOTRE DAME GIRLS SENIOR HIGH, SUNYANI	Bono Region	SUNYANI WEST	SHS	CONNECTIVITY
216	NAFANA SENIOR HIGH	Bono Region	JAMAN NORTH	SHS	CONNECTIVITY
217	S.D.A SENIOR HIGH, SUNYANI	Bono Region	SUNYANI MUNICIPAL	SHS	CONNECTIVITY
218	ST. AUGUSTINE SENIOR HIGH, NSAPOR	Bono Region	BEREKUM WEST	SHS	CONNECTIVITY
219	METHODIST SENIOR HIGH/TECH.,BIADAN	Bono Region	BEREKUM MUNICIPAL	SHS	CONNECTIVITY
220	THE SALVATION ARMY SENIOR HIGH, ABOABO DORMAA	Bono Region	DORMAA MUNICIPAL	SHS	CONNECTIVITY
221	DUADASO NO. 1 SENIOR HIGH/TECH.	Bono Region	JAMAN NORTH	SHS	CONNECTIVITY
222	KOASE SHS, WENCHI, BONO REGION	Bono Region	WENCHI	SHS	CONNECTIVITY
223	CHIRAA SENIOR HIGH	Bono Region	SUNYANI WEST	SHS	CONNECTIVITY
224	ABEASEMAN COMMUNITY DAY SHS	Bono East Region	PRU WEST	SHS	CONNECTIVITY
225	NKORANZA TECHNICAL INSTITUTE	Bono East Region	NKORANZA	SHS	CONNECTIVITY
226	JEMA SHS	Bono East Region	KINTAMPO SOUTH	SHS	CONNECTIVITY
227	JANGA SENIOR HIGH SCHOOL	North East Region	WEST MAMPRUSI	SHS	CONNECTIVITY
228	YAGABA SHS	North East Region	MAMPRUGU MOADURI	SHS	CONNECTIVITY
229	CHEREONI SENIOR HIGH\TECH SCHOOL	North East Region	CHEREONI	SHS	CONNECTIVITY
230	GAMBAGA GIRLS SHS	North East Region	EAST MAMPRUSI	SHS	CONNECTIVITY
231	WALEWALE TECH/VOC INSTITUTE	North East Region	WEST MAMPRUSI	SHS	CONNECTIVITY
232	KPASENKPE SHS, NORTH EAST REGION	North East Region	WEST MAMPRUSI	SHS	CONNECTIVITY
233	GHANA SENIOR HIGH	Northern Region	TAMALE METRO	SHS	CONNECTIVITY
234	YENDI SHS	Northern Region	YENDI MUNICIPAL	SHS	CONNECTIVITY
235	E.P AGRIC SENIOR HIGH TECH SCHOOL, TATALE	Northern Region	TATALE-SANGULI	SHS	CONNECTIVITY

236	SANG COMMUNITY DAY SHS	Northern Region	MION	SHS	CONNECTIVITY
237	NANTON SHS	Northern Region	NANTON	SHS	CONNECTIVITY
238	TOLON SHS	Northern Region	TOLON	SHS	CONNECTIVITY
239	GUSHIEGU SHS	Northern Region	GUSHIEGU	SHS	CONNECTIVITY
240	KASULYILI SHS	Northern Region	TOLON	SHS	CONNECTIVITY
241	NORTHERN SCHOOL OF BUSINESS	Northern Region	SAGNARIGU MUNICIPAL	SHS	CONNECTIVITY
242	KALPOHIN SENIOR HIGH	Northern Region	SAGNARIGU MUNICIPAL	SHS	CONNECTIVITY
243	ISLAMIC SCIENCE SENIOR HIGH, TAMALE	Northern Region	SAGNARIGU MUNICIPAL	SHS	CONNECTIVITY
244	DAGBON STATE SENIOR HIGH/TECH	Northern Region	YENDI MUNICIPAL	SHS	CONNECTIVITY
245	TAMALE TECHNICAL INSTITUTE	Northern Region	SAGNARIGU MUNICIPAL	SHS	CONNECTIVITY
246	DABOKPA VOC/TECH. INST.	Northern Region	TAMALE METRO	SHS	CONNECTIVITY
247	NDEWURA JAKPA	Savannah Region	WEST GONJA	SHS	CONNECTIVITY
248	DAMONGO SHS	Savannah Region	WEST GONJA	SHS	CONNECTIVITY
249	ST. ANN'S GIRLS SHS	Savannah Region	WEST GONJA	SHS	CONNECTIVITY
250	COMMUNITY DAY SHS, DABOYA	Savannah Region	NORTH GONJA	SHS	CONNECTIVITY
251	MPAHA SHS, CENTRAL GONJA	Savannah Region	CENTRAL GONJA	SHS	CONNECTIVITY
252	ST. ANTHONY OF PADUA SENIOR HIGH/TECH	Savannah Region	BOLE-BAMBOI	SHS	CONNECTIVITY
253	BINDURI SHS	Upper East Region	BINDURI	SHS	CONNECTIVITY
254	PUSIGA SHS	Upper East Region	PUSIGA	SHS	CONNECTIVITY
255	BOLGATANGA SENIOR HIGH	Upper East Region	TALENSI	SHS	CONNECTIVITY
256	BOLGA SHERIGU COMM. SENIOR HIGH	Upper East Region	BOLGATANGA MUNI	SHS	CONNECTIVITY
257	KANJAGA COMM. SENIOR HIGH	Upper East Region	BUILSA SOUTH	SHS	CONNECTIVITY
258	GARU COMM. DAY SENIOR HIGH	Upper East Region	GARU	SHS	CONNECTIVITY
259	ST. JOHN'S INTEGRATED SNR. HIGH/TECH	Upper East Region	KASENA-NANKANA MUNI	SHS	CONNECTIVITY

260	CHIANA SENIOR HIGH	Upper East Region	KASENA-NANKANA MUNI	SHS	CONNECTIVITY
261	KONGO SENIOR HIGH	Upper East Region	NABDAM	SHS	CONNECTIVITY
262	TONGO SENIOR HIGH/TECH	Upper East Region	TALENSI	SHS	CONNECTIVITY
263	WIAGA COMM. SENIOR HIGH	Upper East Region	BUILSA SOUTH	SHS	CONNECTIVITY
264	AZEEM-NAMOA SENIOR HIGH/TECH	Upper East Region	BONGO	SHS	CONNECTIVITY
265	ST. FRANCIS GIRLS SENIOR HIGH, JIRAPA	Upper West Region	JIRAPA MUNICIPAL	SHS	CONNECTIVITY
266	LAWRA SENIOR HIGH	Upper West Region	LAWRA MUNICIPAL	SHS	CONNECTIVITY
267	QUEEN OF PEACE SENIOR HIGH, NADOWLI	Upper West Region	NADWOLI-KALEO	SHS	CONNECTIVITY
268	LAMBUSSIE COMM. SENIOR HIGH	Upper West Region	LAMBUSSIE	SHS	CONNECTIVITY
269	NORTHERN STAR SENIOR HIGH	Upper West Region	WA MUNICIPAL	SHS	CONNECTIVITY
270	HAN SENIOR HIGH	Upper West Region	JIRAPA MUNICIPAL	SHS	CONNECTIVITY
271	ST. BASILIDES VOC./TECH. INST.	Upper West Region	NADWOLI-KALEO	SHS	CONNECTIVITY
272	ST.JOHN'S VOC. TECH. INSTITUTE	Upper West Region	NANDOM MUNICIPAL	SHS	CONNECTIVITY
273	HILLA LIMAN SHS	Upper West Region	SISSALA WEST	SHS	CONNECTIVITY
274	TUMU SHTS, SISSALA EAST	Upper West Region	SISSALA EAST	SHS	CONNECTIVITY
275	KUMASI SENIOR HIGH	Ashanti Region	ASOKWA MUNICIPAL	SHS	CONNECTIVITY
276	TOASE SENIOR HIGH	Ashanti Region	ATWIMA NWABIAGYA SOUTH	SHS	CONNECTIVITY
277	OPOKU WARE SENIOR HIGH	Ashanti Region	KUMASI METRO	SHS	CONNECTIVITY
278	ASARE BEDIAKO SHS	Ashanti Region	ADANSI NORTH	SHS	CONNECTIVITY
279	KONONGO ODUMASE SHS	Ashanti Region	ASANTE AKYEM CENTRAL	SHS	CONNECTIVITY
280	PREMPEH COLLEGE	Ashanti Region	KUMASI METRO	SHS	CONNECTIVITY
281	JACHIE PRAMSO SENIOR HIGH – (RM)	Ashanti Region	BOSOMTWE	SHS	CONNECTIVITY
282	MABANG SENIOR HIGH TECHNICAL	Ashanti Region	AHAFO ANO NORTH	SHS	CONNECTIVITY

283	OSEI ADUTWUM SHS	Ashanti Region	BOSOMTWE	SHS	CONNECTIVITY
284	OSEI TUTU SENIOR HIGH	Ashanti Region	ATWIMA NWABIAGYA NORTH	SHS	CONNECTIVITY
285	MPASATIA SENIOR HIGH/TECHNICAL	Ashanti Region	ATWIMA MPONUA	SHS	CONNECTIVITY
286	AFIGYAMAN SENIOR HIGH	Ashanti Region	AFIGYA KWABRE NORTH	SHS	CONNECTIVITY
287	SDA SHS, BEKWAI	Ashanti Region	BEKWAI MUNICIPAL	SHS	CONNECTIVITY
288	JUABEN SHS	Ashanti Region	JUABEN MUNICIPAL	SHS	CONNECTIVITY
289	AGOGO STATE COLLEGE	Ashanti Region	ASANTE AKYEM NORTH	SHS	CONNECTIVITY
290	BAREKESE SENIOR HIGH	Ashanti Region	ATWIMA NWABIAGYA NORTH	SHS	CONNECTIVITY
291	AMANIAMPONG SENIOR HIGH	Ashanti Region	MAMPONG MUNICIPAL	SHS	CONNECTIVITY
292	OBUASI SENIOR HIGH/TECH	Ashanti Region	OBUASI MUNICIPAL	SHS	CONNECTIVITY
293	WESLEY HIGH SCHOOL, BEKWAI	Ashanti Region	BEKWAI MUNICIPAL	SHS	CONNECTIVITY
294	ST. JOSEPHS SENIOR HIGH/TECH, ANHWIREN	Ashanti Region	BEKWAI MUNICIPAL	SHS	CONNECTIVITY
295	AKROFUOM SENIOR HIGH/TECH SCHOOL	Ashanti Region	AKROFUOM	SHS	CONNECTIVITY
296	CHRIST THE KING SHS, OBUASI	Ashanti Region	OBUASI EAST	SHS	CONNECTIVITY
297	BOSOME SENIOR HIGH/TECH SCHOOL	Ashanti Region	ASIWA	SHS	CONNECTIVITY
298	JACOBUS SENIOR HIGH/TECH SCHOOL	Ashanti Region	AMANSIE CENTRAL	SHS	CONNECTIVITY
299	ESAASE BONTEFUFUO SENIOR HIGH/TECH SCHOOL	Ashanti Region	AMANSIE WEST	SHS	CONNECTIVITY
300	NSUTAMAN CATHOLIC SHS	Ashanti Region	SEKYERE CENTRAL	SHS	CONNECTIVITY
301	J.A KUFFUOR SHS	Ashanti Region	SOKOBAN	SHS	CONNECTIVITY
302	KUMASI WESLEY GIRLS SHS	Ashanti Region	KUMASI METRO	SHS	CONNECTIVITY
303	ANGLICAN SHS	Ashanti Region	KUMASI METRO	SHS	CONNECTIVITY
304	UTHSMANIYA SHS	Ashanti Region	OLD TAFO	SHS	CONNECTIVITY

305	KOFI AGYEI SHS	Ashanti Region	KWABRE EAST	SHS	CONNECTIVITY
306	ADUMAN SHS	Ashanti Region	AFIGYA KWABRE SOUTH	SHS	CONNECTIVITY
307	ST. MICHAELS SHS	Ashanti Region	AFIGYA KWABRE NORTH	SHS	CONNECTIVITY
308	EJISUMAN SHS	Ashanti Region	EJISU MUNICIPAL	SHS	CONNECTIVITY
309	BONWIRE SHS	Ashanti Region	EJISU MUNICIPAL	SHS	CONNECTIVITY
310	EFFIDUASE SENIOR HIGH/TECH SCHOOL	Ashanti Region	SEKYERE EAST	SHS	CONNECTIVITY
311	DADEASE AGRIC SHS	Ashanti Region	SEKYERE KUMAWU	SHS	CONNECTIVITY
312	KWAMANG PRESBY SENIOR HIGH/TECH SCHOOL	Ashanti Region	SEKYERE CENTRAL	SHS	CONNECTIVITY
313	ST. MONICA'S SHS, MAMPONG	Ashanti Region	MAMPONG MUNICIPAL	SHS	CONNECTIVITY
314	AGONA SENIOR HIGH/TECH SCHOOL	Ashanti Region	SEKYERE SOUTH	SHS	CONNECTIVITY
315	DWAMENA AKENTENG SHS	Ashanti Region	OFFINSO MUNICIPAL	SHS	CONNECTIVITY
316	ISLAMIC SNR HIGH SCHOOL	Ashanti Region	KUMASI METRO	SHS	CONNECTIVITY
317	ASANTEMAN SHS	Ashanti Region	KUMASI METRO	SHS	CONNECTIVITY
318	NURU AMEEN SHS, KUMASI	Ashanti Region	ASOKORE MAMPONG	SHS	CONNECTIVITY
319	OTUMFUO OSEI TUTU II COLLEGE	Ashanti Region	AFIGYA KWABRE NORTH	SHS	CONNECTIVITY
320	COLLINS SENIOR HIGH/COMMERCIAL, AGOGO	Ashanti Region	ASANTE AKYEM NORTH	SHS	CONNECTIVITY
321	T. I. AHMADIYYA GIRL'S SENIOR HIGH, ASOKORE	Ashanti Region	SEKYERE EAST	SHS	CONNECTIVITY
322	OWERRIMAN SENIOR HIGH	Ashanti Region	ASANTE AKYEM NORTH	SHS	CONNECTIVITY
323	PARKOSO COMM. SENIOR HIGH	Ashanti Region	ASOKORE MAMPONG	SHS	CONNECTIVITY
324	KWANWOMA SENIOR HIGH/TECH	Ashanti Region	ATWIMA KWANWOMA	SHS	CONNECTIVITY
325	AKWESI AWOBAA SENIOR HIGH	Ashanti Region	EJURA SEKYEDOMASE	SHS	CONNECTIVITY
326	ST. JOSEPH SEM/SENIOR HIGH, MAMPONG	Ashanti Region	MAMPONG MUNICIPAL	SHS	CONNECTIVITY
327	CHURCH OF CHRIST SENIOR HIGH	Ashanti Region	EJISU MUNICIPAL	SHS	CONNECTIVITY
328	KUMASI TECH. INST.	Ashanti Region	KUMASI METRO	SHS	CONNECTIVITY

329	WIAFE AKENTEN PRESBY SHS	Ashanti Region	OFFINSO NORTH	SHS	CONNECTIVITY
330	DABAA SHS, ASHANTI REGION	Ashanti Region		SHS	CONNECTIVITY
331	BOSOMTWE GIRLS SHS, ASHANTI REGION	Ashanti Region	BOSOMTWE	SHS	CONNECTIVITY
332	OKUAPEMAN SENIOR HIGH	Eastern Region	AKUAPEM NORTH MUNICIPAL	SHS	CONNECTIVITY
333	KOFORIDUA SENIOR HIGH/TECH	Eastern Region	NEW JUABEN SOUTH	SHS	CONNECTIVITY
334	ODA SHS	Eastern Region	BIRIM CENTRAL MUNICIPAL	SHS	CONNECTIVITY
335	ACHIASE SENIOR HIGH	Eastern Region	ACHIASE	SHS	CONNECTIVITY
336	ASAMANKESE SENIOR HIGH	Eastern Region	WEST AKIM MUNICIPAL	SHS	CONNECTIVITY
337	METHODIST SENIOR HIGH, MAMFE	Eastern Region	AKUAPEM NORTH MUNICIPAL	SHS	CONNECTIVITY
338	AKIM SWEDRU SHS	Eastern Region	BIRIM SOUTH	SHS	CONNECTIVITY
339	PRESBY SENIOR HIGH, SUHUM	Eastern Region	SUHUM MUNICIPAL	SHS	CONNECTIVITY
340	OTI BOATENG SHS	Eastern Region	NEW JUABEN SOUTH	SHS	CONNECTIVITY
341	SDA SHS, KOFORIDUA	Eastern Region	NEW JUABEN NORTH	SHS	CONNECTIVITY
342	ABURI SENIOR HIGH/TECH SCHOOL	Eastern Region	AKUAPEM SOUTH MUNICIPAL	SHS	CONNECTIVITY
343	ABURI GIRLS SHS	Eastern Region	AKUAPEM SOUTH MUNICIPAL	SHS	CONNECTIVITY
344	SUHUM SENIOR HIGH/TECH	Eastern Region	SUHUM MUNICIPAL	SHS	CONNECTIVITY
345	NSAWAM SHS	Eastern Region	NSAWAM ADOAGYIRI MUNICIPAL	SHS	CONNECTIVITY
346	ADEISO PRESBY SHS	Eastern Region	UPPER WEST AKIM	SHS	CONNECTIVITY

347	APERADE SHS	Eastern Region	ACHIASE	SHS	CONNECTIVITY
348	AKOKOASE SHS	Eastern Region	AKYEMANSA	SHS	CONNECTIVITY
349	AYIREBI SHS	Eastern Region	AKYEMANSA	SHS	CONNECTIVITY
350	ASUOM SHS	Eastern Region	KWAEBIBIREM MUNICIPAL	SHS	CONNECTIVITY
351	KIBI SENIOR HIGH/TECH SCHOOL	Eastern Region	ABUAKWA SOUTH MUNICIPAL	SHS	CONNECTIVITY
352	APEDWA PRESBY SHS	Eastern Region	ABUAKWA SOUTH MUNICIPAL	SHS	CONNECTIVITY
353	OFORI PANIN SHS	Eastern Region	ABUAKWA NORTH MUNICIPAL	SHS	CONNECTIVITY
354	W.B.M ZION SHS, EAST AKIM	Eastern Region	ABUAKWA NORTH MUNICIPAL	SHS	CONNECTIVITY
355	KWABENG SENIOR HIGH/TECH SCHOOL	Eastern Region	ATIWA WEST	SHS	CONNECTIVITY
356	FODOA COMMUNITY DAY SHS	Eastern Region	KWAHU WEST	SHS	CONNECTIVITY
357	KWAHU TAFO SHS	Eastern Region	KWAHU EAST	SHS	CONNECTIVITY
358	NIFA SHS	Eastern Region	OKERE	SHS	CONNECTIVITY
359	KWAHU RIDGE SHS	Eastern Region	OKERE	SHS	CONNECTIVITY
360	ST. ROSE'S SENIOR HIGH, AKWATIA	Eastern Region	DENKYEMBOUR	SHS	CONNECTIVITY
361	BENKUM SENIOR HIGH	Eastern Region	AKUAPEM NORTH MUNICIPAL	SHS	CONNECTIVITY
362	ADONTEN SENIOR HIGH	Eastern Region	AKUAPEM SOUTH MUNICIPAL	SHS	CONNECTIVITY
363	ST. FRANCIS SENIOR HIGH/TECH, AKIM ODA	Eastern Region	BIRIM CENTRAL MUNICIPAL	SHS	CONNECTIVITY



364	KADE SENIOR HIGH/TECH.	Eastern Region	KWAEBIBIREM MUNICIPAL	SHS	CONNECTIVITY
365	NKAWKAW SENIOR HIGH	Eastern Region	KWAHU WEST	SHS	CONNECTIVITY
366	PENTECOST SENIOR HIGH,KOFORIDUA	Eastern Region	NEW JUABEN SOUTH	SHS	CONNECTIVITY
367	OYOKO METHODIST SENIOR HIGH	Eastern Region	NEW JUABEN NORTH	SHS	CONNECTIVITY
368	ST. MARTIN'S SENIOR HIGH, NSAWAM	Eastern Region	NSAWAM ADOAGYIRI MUNICIPAL	SHS	CONNECTIVITY
369	ISLAMIC GIRLS SENIOR HIGH,SUHUM	Eastern Region	SUHUM MUNICIPAL	SHS	CONNECTIVITY
370	MAMPONG/AKW SNR. HIGH/TECH FOR THE DEAF	Eastern Region	AKUAPEM NORTH MUNICIPAL	SHS	CONNECTIVITY
371	H'MOUNT SINAI SENIOR HIGH	Eastern Region	AKUAPEM NORTH MUNICIPAL	SHS	CONNECTIVITY
372	BOSO SENIOR HIGH TECHNICAL	Eastern Region	ASUOGYAMAN	SHS	CONNECTIVITY
373	ANUM PRESBY SENIOR HIGH	Eastern Region	ASUOGYAMAN	SHS	CONNECTIVITY
374	APEGUSO SENIOR HIGH	Eastern Region	ASUOGYAMAN	SHS	CONNECTIVITY
375	ADJENA SENIOR HIGH/TECH.	Eastern Region	ASUOGYAMAN	SHS	CONNECTIVITY
376	S.D.A. SENIOR HIGH. AKIM SEKYERE	Eastern Region	ATIWA EAST	SHS	CONNECTIVITY
377	AKROSO SENIOR HIGH/TECH	Eastern Region	ASENE MANSO	SHS	CONNECTIVITY
378	TARKROSI COMM. SENIOR HIGH	Eastern Region	DENKYEMBOUR	SHS	CONNECTIVITY
379	SALVATION ARMY SENIOR HIGH, AKIM WENCHI	Eastern Region	DENKYEMBOUR	SHS	CONNECTIVITY
380	AKIM ASAFO SENIOR HIGH	Eastern Region	ABUAKWA SOUTH MUNICIPAL	SHS	CONNECTIVITY
381	AMOANA PRASO SENIOR HIGH	Eastern Region	BIRIM NORTH	SHS	CONNECTIVITY
382	ST. PAUL'S TECH. SCH.	Eastern Region	KWAHU EAST	SHS	CONNECTIVITY

383	AMANKWAKROM FISHERIES AGRIC. TECH. INST.	Eastern Region	KWAHU AFRAM PLAINS NORTH	SHS	CONNECTIVITY
384	ABETIFI TECH. INST.	Eastern Region	KWAHU EAST	SHS	CONNECTIVITY
385	ABOMOSU SHS, EASTERN REGION	Eastern Region	ATIWA EAST	SHS	CONNECTIVITY
386	BIBIANI SENIOR HIGH/TECHNICAL	Western North Region	BIBIANI-ANHWIASO-BEKWAI	SHS	CONNECTIVITY
387	NSAWORA EDUMAFUA COMMUNITY DAY	Western North Region	SEFWI AKONTONBRA	SHS	CONNECTIVITY
388	SEFWI AKONTOMBRA SHS	Western North Region	SEFWI AKONTONBRA	SHS	CONNECTIVITY
389	NANA BRENTU SENIOR HIGH/TECH, ENCHI	Western North Region	SEFWI WIAWSO	SHS	CONNECTIVITY
390	ASAWINSO SENIOR HIGH	Western North Region	AOWIN	SHS	CONNECTIVITY
391	ST. JOSEPH SENIOR HIGH, SEFWI WIAWSO	Western North Region	SEFWI WIAWSO	SHS	CONNECTIVITY
392	AWASO SHS, WESTERN NORTH REGION	Western North Region	BIBIANI-ANHWIASO-BEKWAI	SHS	CONNECTIVITY
393	QUEENS GIRLS' SENIOR HIGH, SEFWI AWHIASO	Western North Region	BIBIANI-ANHWIASO-BEKWAI	SHS	CONNECTIVITY
394	ST AUGUSTINES COLLEGE	Central Region	CAPE COAST	SHS	CONNECTIVITY
395	AGGREY MEMORIAL A.M.E ZION SHS	Central Region	ABURA ASEBU KWAMANKESE	SHS	CONNECTIVITY
396	SWEDRU SCHOOL OF BUSINESS	Central Region	AGONA WEST MUNICIPAL	SHS	CONNECTIVITY
397	OGYEEDOM COMM. SNR HIGH/TECH	Central Region	GOMOA CENTRAL	SHS	CONNECTIVITY
398	MOREE SENIOR HIGH	Central Region	ABURA ASEBU KWAMANKESE	SHS	CONNECTIVITY
399	GYAMANG SENIOR HIGH	Central Region	GOMOA CENTRAL	SHS	CONNECTIVITY
400	ASSIN MANSO SHS	Central Region	ASSIN SOUTH	SHS	CONNECTIVITY

401	NYANKOMASE AHENKRO SHS	Central Region	ASSIN SOUTH	SHS	CONNECTIVITY
402	TWIFO HEMANG SENIOR HIGH/TECH. SCHOOL	Central Region	LOWER DENKYIRA	SHS	CONNECTIVITY
403	BOA-AMPONSEM SHS	Central Region	UPPER DENKYIRA EAST	SHS	CONNECTIVITY
404	SALTPOND METHODIST SHS	Central Region	MFANTSEMAN	SHS	CONNECTIVITY
405	WINNEBA SHS	Central Region	EFUTU MUNICIPAL	SHS	CONNECTIVITY
406	SWEDRU SHS	Central Region	AGONA EAST	SHS	CONNECTIVITY
407	OBIRI YEBOAH SHTS	Central Region	ASSIN FOSU MUNICIPAL	SHS	CONNECTIVITY
408	ASSIN STATE COLLEGE	Central Region	ASSIN FOSU MUNICIPAL	SHS	CONNECTIVITY
409	JUKWA SHS	Central Region	LOWER DENKYIRA	SHS	CONNECTIVITY
410	MFANTSEMAN GIRLS SHS	Central Region	MFANTSEMAN MUNICIPAL	SHS	CONNECTIVITY
411	HOLY CHILD SCHOOL, CAPE COAST	Central Region	CAPE COAST METRO	SHS	CONNECTIVITY
412	WESLEY GIRLS SENIOR HIGH, CAPE COAST	Central Region	CAPE COAST METRO	SHS	CONNECTIVITY
413	ABURAMAN SENIOR HIGH	Central Region	ABURA ASEBU KWAMANKESE	SHS	CONNECTIVITY
414	ABAKRAMPA SENIOR HIGH/TECH	Central Region	ABURA ASEBU KWAMANKESE	SHS	CONNECTIVITY
415	AGONA FANKOBAA SENIOR HIGH	Central Region	AGONA WEST MUNICIPAL	SHS	CONNECTIVITY
416	ENYAN MAIM COMM. DAY SCHOOL	Central Region	AJUMAKO ENYAN ESIAM	SHS	CONNECTIVITY
417	KWEGIR AGGREY SHTS	Central Region	CAPE COAST METRO	SHS	CONNECTIVITY
418	APAM SHS	Central Region	GOMOA WEST	SHS	CONNECTIVITY
419	ENYAN DENKYIRA SENIOR HIGH	Central Region	AJUMAKO ENYAN ESIAM	SHS	CONNECTIVITY
420	FETTEHMAN SENIOR HIGH	Central Region	GOMOA EAST	SHS	CONNECTIVITY
421	COLLEGE OF MUSIC SENIOR, MOZANO	Central Region	GOMOA WEST	SHS	CONNECTIVITY

422	EGUAFO-ABREM SENIOR HIGH	Central Region	KOMENDA EDINA EGUAFO ABIREM MUNICIPAL	SHS	CONNECTIVITY
423	AYANFURI SENIOR HIGH	Central Region	UPPER DENKYIRA WEST	SHS	CONNECTIVITY
424	DUNKWA SENIOR HIGH TECHNICAL	Central Region	UPPER DENKYIRA EAST	SHS	CONNECTIVITY
425	AKYIN SENIOR HIGH SCHOOL	Central Region	EKUMFI	SHS	CONNECTIVITY
426	DIASO SHS, CENTRAL REGION	Central Region	UPPER DENKYIRA WEST	SHS	CONNECTIVITY
427	MORKWAA SENIOR HIGH SCH	Central Region	TWIFO ATI- MORKWAA	SHS	CONNECTIVITY
428	KWABENYA COMMUNITY DAY	Greater Accra	GA EAST MUNICIPAL	SHS	CONNECTIVITY
429	NGLESHIE AMANFRO SENIOR HIGH	Greater Accra	GA SOUTH MUNICIPAL	SHS	CONNECTIVITY
430	ADJIN KOTOKU SHS	Greater Accra	GA WEST MUNICIPAL	SHS	CONNECTIVITY
431	AMASAMAN SENIOR HIGH/TECH	Greater Accra	GA WEST MUNICIPAL	SHS	CONNECTIVITY
432	LASHIBI COMMUNITY DAY	Greater Accra	TEMA WEST MUNICIPAL	SHS	CONNECTIVITY
433	AKRAMAMAN SHS	Greater Accra	GA WEST MUNICIPAL	SHS	CONNECTIVITY
434	ACCRA WESLEY GIRLS SHS	Greater Accra	KANESHIE	SHS	CONNECTIVITY
435	GHANATA SHS	Greater Accra	DODOWA	SHS	CONNECTIVITY
436	WESLEY GRAMMAR SHS	Greater Accra	ABLEKUMA NORTH MUNICIPAL	SHS	CONNECTIVITY
437	LABONE SHS	Greater Accra	LA DADEKOTOPON MUNICIPAL	SHS	CONNECTIVITY
438	CHEMU SENIOR HIGH/TECH	Greater Accra	TEMA METRO	SHS	CONNECTIVITY
439	EBENEZER SHS, DANSOMAN	Greater Accra	ABLEKUMA WEST MUNICIPAL	SHS	CONNECTIVITY

440	PRESBY BOYS SENIOR HIGH, LEGON	Greater Accra	LA NKWANTANANG-MADINA MUNICIPAL	SHS	CONNECTIVITY
441	ODORGONNO SENIOR HIGH	Greater Accra	GA CENTRAL MUNICIPAL	SHS	CONNECTIVITY
442	ST. JOHN'S GRAMMAR SENIOR HIGH	Greater Accra	GA NORTH MUNICIPAL	SHS	CONNECTIVITY
443	WEST AFRICA SENIOR HIGH	Greater Accra	LA NKWANTANANG-MADINA MUNICIPAL	SHS	CONNECTIVITY
444	ADA SENIOR HIGH/TECH.	Greater Accra	ADA WEST	SHS	CONNECTIVITY
445	ASHAIMAN SENIOR HIGH	Greater Accra	ASHAIMAN	SHS	CONNECTIVITY
446	O'REILLY SENIOR HIGH	Greater Accra	KROWOR MUNICIPAL	SHS	CONNECTIVITY
447	FORCES SHTS	Greater Accra	LA DADEKOTOPON MUNICIPAL	SHS	CONNECTIVITY
448	TEMA METH. DAY SENIOR HIGH	Greater Accra	TEMA METRO	SHS	CONNECTIVITY
449	PRESBY SENIOR HIGH, TEMA	Greater Accra	TEMA METRO	SHS	CONNECTIVITY
450	SACRED HEART TECH. INST.	Greater Accra	ACCRA METRO	SHS	CONNECTIVITY
451	ADA TECH. INST.	Greater Accra	ADA	SHS	CONNECTIVITY
452	ASHAIMAN TECH/VOC. INST.	Greater Accra	ASHAIMAN	SHS	CONNECTIVITY
453	TESHIE TECH. INSTITUTE	Greater Accra	TESHIE	SHS	CONNECTIVITY
454	FRAFRAHA COMM SHS	Greater Accra	ADENTA	SHS	CONNECTIVITY
455	TEMA TECH. INST.	Greater Accra	TEMA METRO	SHS	CONNECTIVITY
456	BONWIRE COMM. DAY SCHOOL	Oti Region	NKWANTA NORTH	SHS	CONNECTIVITY
457	WORAWORA SENIOR HIGH	Oti Region	BLAKOYE	SHS	CONNECTIVITY
458	DODI-PAPASE SENIOR HIGH/TECH	Oti Region	KADJEBI	SHS	CONNECTIVITY
459	KETE KRACHI SENIOR HIGH/TECH.	Oti Region	KETE-KRACHI WEST	SHS	CONNECTIVITY
460	KPASSA SHS	Oti Region	NKWANTA SOUTH	SHS	CONNECTIVITY

461	KYABOBO GIRLS SENIOR HIGH	Oti Region	NKWANTA SOUTH	SHS	CONNECTIVITY
462	BISHOP HERMAN COLLEGE	Volta Region	KPANDO	SHS	CONNECTIVITY
463	AFADJATO SENIOR HIGH/TECH.	Volta Region	HOHOE	SHS	CONNECTIVITY
464	ZIABI COMMUNITY SHTS	Volta Region	HO MUNICIPAL	SHS	CONNECTIVITY
465	AFIFE SHTS, KETU NORTH	Volta Region	KETU NORTH	SHS	CONNECTIVITY
466	OLA GIRLS SENIOR HIGH, HO	Volta Region	HO MUNICIPAL	SHS	CONNECTIVITY
467	ANLO SENIOR HIGH	Volta Region	ANLOGA	SHS	CONNECTIVITY
468	AWUDOME SENIOR HIGH .	Volta Region	HO WEST	SHS	CONNECTIVITY
469	ABUTIA SENIOR HIGH/TCHNICAL	Volta Region	HO WEST	SHS	CONNECTIVITY
470	ST. MARY'S SEM.& SENIOR HIGH, LOLOBI	Volta Region	HOHOE	SHS	CONNECTIVITY
471	LEKLEBI SENIOR HIGH	Volta Region	AFADZATO SOUTH	SHS	CONNECTIVITY
472	AVENOR SENIOR HIGH	Volta Region	AKATSI SOUTH	SHS	CONNECTIVITY
473	TSIAME SENIOR HIGH	Volta Region	KETA MUNICIPAL	SHS	CONNECTIVITY
474	ABOR SENIOR HIGH	Volta Region	KETA MUNICIPAL	SHS	CONNECTIVITY
475	ADIDOME SENIOR HIGH	Volta Region	CENTRAL TONGU	SHS	CONNECTIVITY
476	TAVIEFE COMM. SENIOR HIGH	Volta Region	HO MUNICIPAL	SHS	CONNECTIVITY
477	TSITO SENIOR HIGH/TECH	Volta Region	HO WEST	SHS	CONNECTIVITY
478	DZOLO SENIOR HIGH	Volta Region	HO WEST	SHS	CONNECTIVITY
479	WOVENU SENIOR HIGH TECHNICAL	Volta Region	KETU NORTH	SHS	CONNECTIVITY
480	ANFOEGA SENIOR HIGH	Volta Region	NORTH DAYI	SHS	CONNECTIVITY
481	KPEVE SENIOR HIGH TECHNICAL SCHOOL	Volta Region	SOUTH DAYI	SHS	CONNECTIVITY
482	ST. DANIEL COMBONI TECH/VOC INST.	Volta Region	AFADZATO SOUTH	SHS	CONNECTIVITY
483	ANLO TECH. INST.	Volta Region	ANLOGA	SHS	CONNECTIVITY
484	KPANDO TECH. INST.	Volta Region	KPANDO	SHS	CONNECTIVITY

485	COMBONI TECH/VOC INST.	Volta Region	SOUTH TONGU	SHS	CONNECTIVITY
486	FIJAI SHS, STMA	Western Region	SEKONDI TAKORADI	SHS	CONNECTIVITY
487	ADIEMBRA SENIOR HIGH	Western Region	SEKONDI TAKORADI	SHS	CONNECTIVITY
488	TARKWA SENIOR HIGH	Western Region	TARKWA/NSUAEM	SHS	CONNECTIVITY
489	SHAMA SENIOR HIGH	Western Region	SHAMA	SHS	CONNECTIVITY
490	DIABENE SENIOR HIGH/TECH	Western Region	SEKONDI TAKORADI	SHS	CONNECTIVITY
491	G.S.T.S, TAKORADI	Western Region	SEKONDI TAKORADI	SHS	CONNECTIVITY
492	TAKORADI TECHNICAL INSTITUTE	Western Region	EFFIA KWESIMINTSIM	SHS	CONNECTIVITY
493	TAKORADI SHS	Western Region	EFFIA KWESIMINTSIM	SHS	CONNECTIVITY
494	MPOHOR SHS	Western Region	MPOHOR	SHS	CONNECTIVITY
495	AHANTAMAN GIRL'S SHS	Western Region	SHAMA AHANTA EAST	SHS	CONNECTIVITY
496	ST. MARY'S BOYS' SENIOR HIGH, APOWA	Western Region	AHANTA WEST	SHS	CONNECTIVITY
497	BENSO SENIOR HIGH/TECH	Western Region	TARKWA/NSUAEM	SHS	CONNECTIVITY
498	SANKOR COMM. DAY SCHOOL	Western Region	AHANTA WEST	SHS	CONNECTIVITY
499	BAIDOO BONSO SENIOR HIGH/TECH	Western Region	AHANTA WEST	SHS	CONNECTIVITY
500	BONZO-KAKU SENIOR HIGH	Western Region	ELLEMBELLE	SHS	CONNECTIVITY
501	ANNOR ADJAYE SENIOR HIGH	Western Region	JOMORO	SHS	CONNECTIVITY
502	METHODIST SENIOR HIGH, SEKONDI	Western Region	SEKONDI TAKORADI	SHS	CONNECTIVITY
503	KIKAM TECH. INST.	Western Region	ELLEMBELLE	SHS	CONNECTIVITY





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