



MiDA Pre-Bid Meeting for the Primary Substations April 23, 2019

Payment Process Taxes & Audits



Presentation Outline

- Payment Process
- Tax Exemptions
- Process for Claiming Exemptions
- Audits
- Other Issues (including Insurance)



Payment Process

- Contractor submits progress payment invoices to the Engineer. Note, MiDA must make payment, 56 days after the Contractor submits the invoice to the Engineer.
- The Engineer receives the Contractor's invoice and is responsible for calculating and approving the Payment Certificate. This process must be completed in 28 days or less.
- The Engineer submits the Payment Certificate to MiDA's Chief Financial Officer (very important if the process is to be completed on time) with an information copy to the Project Director.



Payment Process

- MiDA's Fiscal Agent records the Payment Certificate in MiDA's official accounts (28 days count from when FA records it !!!).
- The Fiscal Agent sends the Payment Certificate to MiDA for official approval and MiDA returns it to the Fiscal Agent.

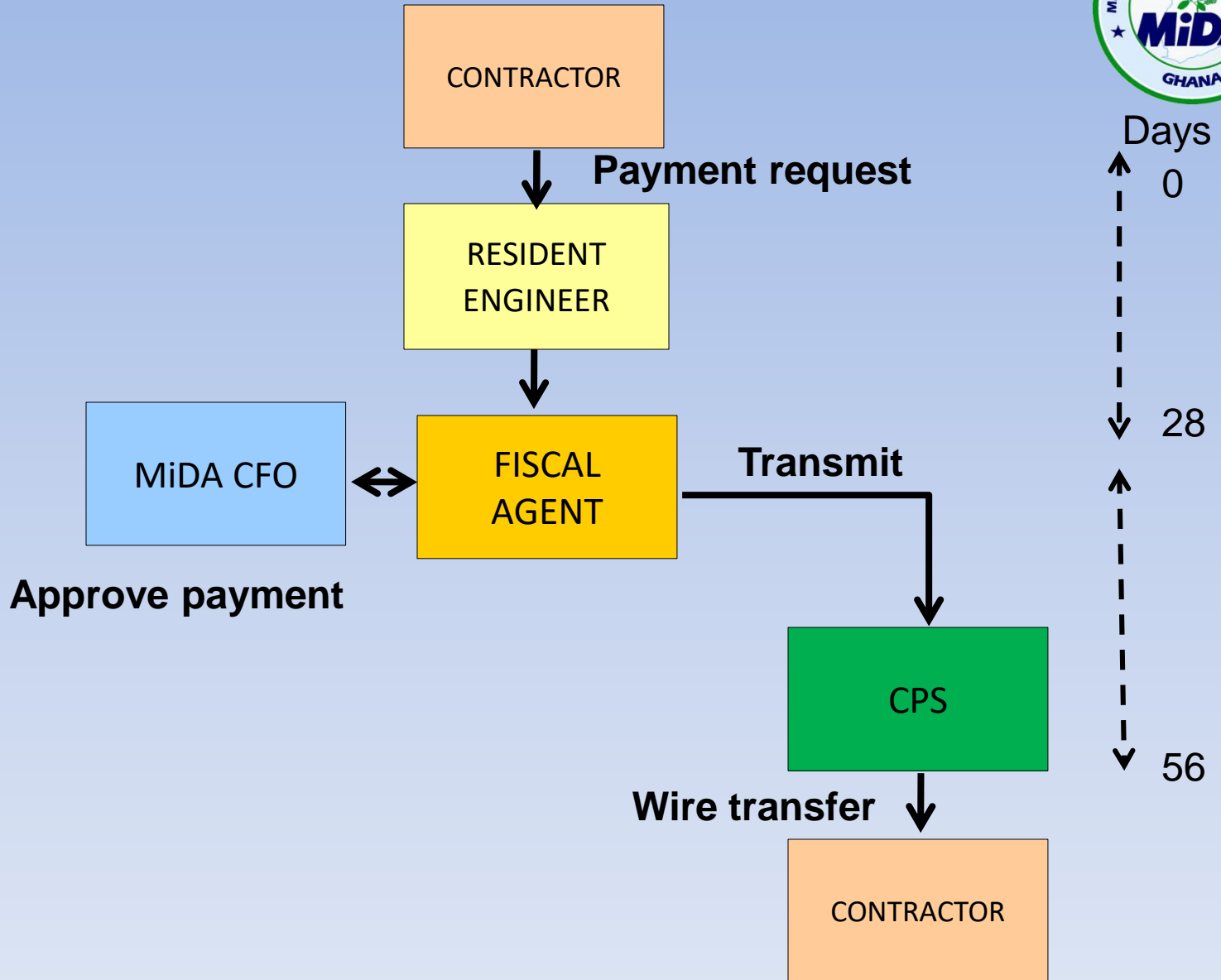


Payment Process

- Upon receipt of the approved Payment Certificate from MiDA, the Fiscal Agent carries out the final checks of the Payment Certificate such as making sure all approvals are in order, the contractor is not on the international excluded party list and the Payment Certificate is in accordance with the contract.
- After the final checks the Payment Certificate is processed for payment
- As part of the payment process, the Fiscal Agent authorizes MCC's payment center in the US to wire funds to the contractors bank account on record.



Payment Cycle





Taxes

- VAT/NHIL
 - Contractors/Consultants executing MiDA Projects.
 - Contractors/Consultants who are Registered Traders.
- Custom Duties, Tariffs, Import and Export Taxes for Direct imports and Purchases from Bonded Warehouses
- Petroleum Taxes. Contractor to work with oil companies to establish pumps at construction sites. MiDA to provide proper exemption documents.
- Sub-Contractors and Other Taxes



Process for VAT/NHIL(Local Purchases) Exemption

- Contractor submits Original Invoice to MiDA showing product price and VAT/NHIL/GETFUND
- Invoice should be a VAT Receipt and if not, it should be accompanied by a letter from GRA authorizing Contractor to issue computer generated VAT Invoice.
- MiDA submits request to GRA for refund in MiDA's name and will only submit check to Contractor after receipt of Refund from GRA.

(Invoice should bear contractor/MiDA's name)



Process for Duties & VAT/NHIL at Importation



- Contractor submits Bill of Lading with itemized List to Engineer for Certification/Approval.
- Engineer approves List as required for the Project
- Contractor submits Bill of Lading to MiDA for Exemption letters.
- MiDA issues 2 Exemption letters to be submitted to;
 - Ministry of Finance & Economic Planning.
 - GRA



Process for Petroleum Taxes



Exemption

- Contractor submits Fuel Consumption Plan for 6 months to the Engineer for Certification/Approval.
- Contractor requests Proforma Invoice from Oil Marketing Company detailing Fuel Costs and Taxes/Levies.
- Contractor submits Proforma Invoice and Approved Fuel Consumption Plan to MiDA for Exemption letters.
- MiDA issues 2 Exemption letters to be submitted to;
 - Ministry of Finance & Economic Planning.
 - GRA



Audits and Reviews



Service providers shall permit such access, audits, reviews and evaluations as provided in the Compact.

From MiDA

- Internal Auditor
- Financial Audits
- Technical Auditor
- GoG Auditors

From MCC

- MCC and IE Oversight
- MCC Interim Activity Reviews
- General Accountability Office (GAO)
- Office of Inspector General (OIG)



USG Audits - GAO



What it is

- Independent nonpartisan agency that works for both houses of US Congress
- Congress requests GAO work by writing to Comptroller General or by including a mandate in a law. Comptroller General can also initiate work.
- Supports congressional oversight by auditing and evaluating the performance of government agencies and programs.

What it does

Work has focused on:

- MCC's operations
- MCC's budget requests
- MCC compact due diligence, such as economic analyses
- Roll-out of implementation in Compact countries
- Implementation, including:
 - ✓ Management structures
 - ✓ Fiscal and procurement accountability
 - ✓ Infrastructure project performance
 - ✓ Monitoring and evaluation

Reports become public documents



USG Audits - OIG



What it is

- Inspector General of USAID serves as Inspector General of MCC: conduct reviews, investigations, and inspections of all aspects of MCC operations
- Contribute and support integrity, efficiency, and effectiveness in all MCC activities through detection and prevention of fraud, waste and abuse
- Assist in complying with applicable laws and regulations
- Provide information to Congress, management, and the public

What it does

Reports:

- Audit and Investigative Reports
- Annual Plans
- Semiannual Reports

- Activities:
- Performance Audits
- Financial Audits
 - ✓ MCC's financial statements
 - ✓ MCAs and covered providers handling of MCC funds

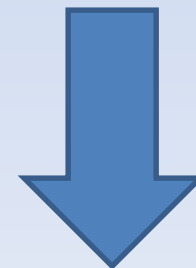
Reports become public documents



Issues Of Note

- Only Authorized Representatives on Record can request Bank Account Change.
- Insurance Policies Must be on file before payments.
- For Purposes of Tax Exemptions, List of Approved Sub-Contractors should be provided to Finance.
- Questions ?????

NEXT PRESENTATION





Millennium Development Authority (MiDA)

PRE-BID MEETING

Procurement for the
Supply and Installation of the Primary Substations (Phase1)
- Design-Build for Korle-Gonno, Kotobabi, Kanda and UGTH
(Legon)

Presented By
Eric Asare & Isaac Nyantakyi
April 23, 2019
Venue: Alisa Swiss Spirit Hotel, Accra

OUTLINE OF PRESENTATION

- **COMPACT OVERVIEW**
- **OVERVIEW OF THE PRIMARY SUBSTATION PROJECT**
- **SCOPE OF THE PRIMARY SUBSTATION PROJECT**
- **ECG COMMUNICATION NETWORK**
- **PROJECT MILESTONES**
- **INTERCONNECTING LINES**
- **INSTITUTIONAL ARRANGEMENT**
- **HIGHLIGHT OF TECHNICAL EVALUATION CRITERIA**

Ghana Power Compact Overview

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An international treaty between the United States Government acting through Millennium Challenge Corporation (MCC) and the Republic of Ghana to develop the power sector.

MiDA is the Accountable Entity (AE) responsible for the implementation of the Program

➔ Total Program Funds: **US\$ 535.6 M**

➔ Compact Duration: **Five (5) years from Entry into Force (EIF)**

September 6, 2016 – September 6, 2021

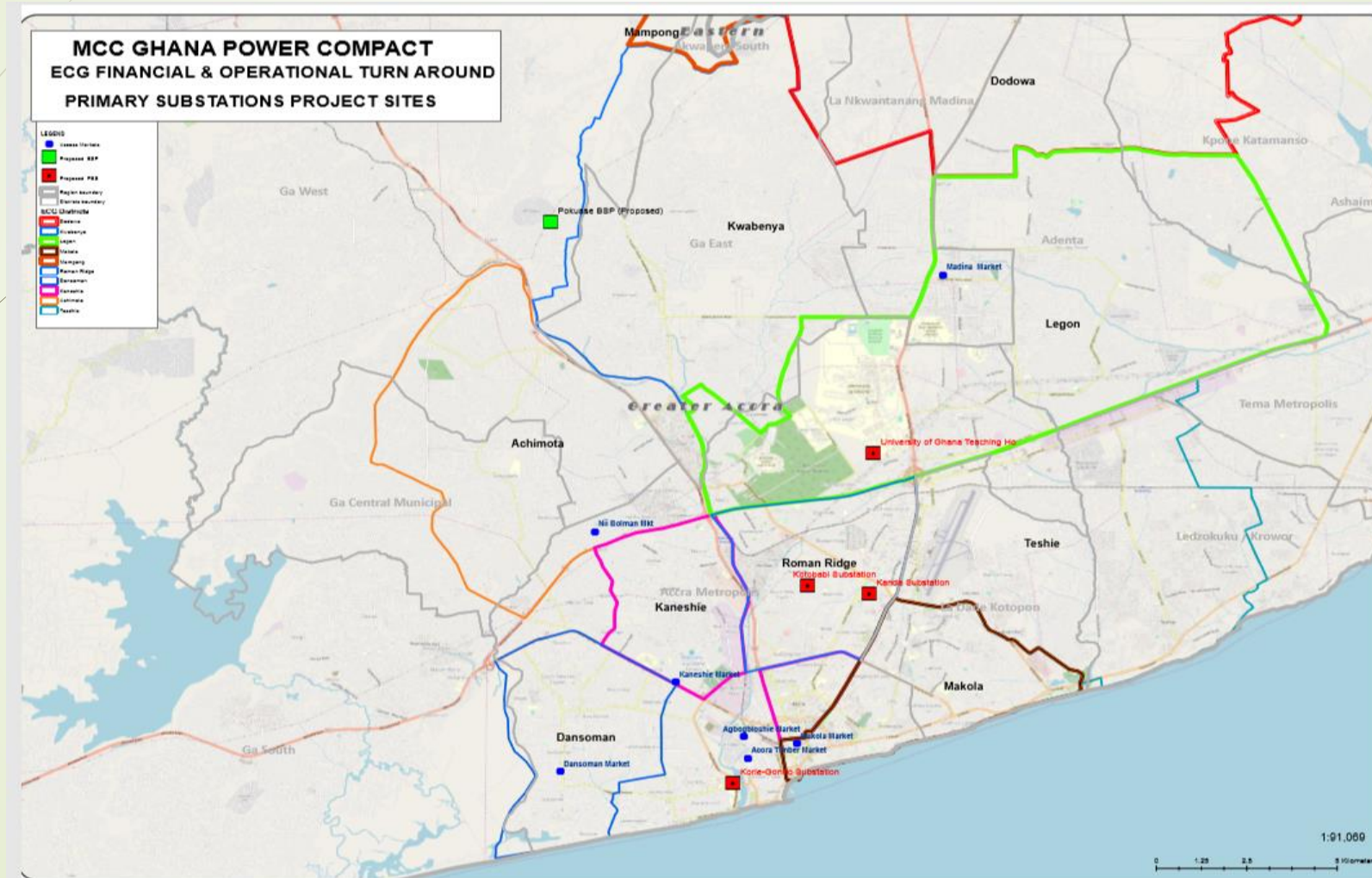
OVERVIEW OF THE PRIMARY SUBSTATION PROJECT

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Overall Objectives

- Cater for the increased **power supply demand** in Accra
- Reinforce the existing **33kV Sub-Transmission and Distribution network**
- Relieve portions of the existing **overloaded and over extended 11kV feeders and Primary Stations**
- To reduce **Sub-Transmission & Distribution losses**
- To improve **power supply quality and reliability** in Accra

OVERVIEW OF THE PROJECT- LOCATION OF PSS's



OVERVIEW OF THE PRIMARY SUBSTATION PROJECT

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PROJECT PACKAGING – Primary Substations & associated Interconnecting Circuits project shall be implemented in two (2) separate packages:

- Package 1: Construction of the Primary substations at Korle Gonno, Kotobabi, Kanda and University of Ghana Teaching Hospital (UGTH, Legon)
- Package 2: Construction of the 33kV and 11kV lines from Korle Gonno, Kotobabi, Kanda and UGTH Substations to interconnect with existing network (different procurement)

OVERVIEW OF THE PRIMARY SUBSTATION PROJECT

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PROJECT PACKAGING – The **Primary Substations (Package 1)**

project packaged into 2 Lots:

- Lot 1: Construction of Korle-Gonno Substation and Kotobabi Substation
- Lot 2: Construction of Kanda Substation and UGTH Substation)

OVERVIEW OF THE PRIMARY SUBSTATION PROJECT

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Bidding Document

The complete set of Bidding Documents comprises the following Volumes:

- Volume I: - Standard Bidding Document (SBD) including Commercial conditions
- Volume II: - Consist of **Employer's Requirements** and **Price Schedule**

OVERVIEW OF THE PRIMARY SUBSTATION PROJECT –VOLUME II

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Employer's Requirements and appendices are as follows:

- 1.0 Scope of Works and Specifications
- 2.0 Appendix 1: Drawings
- 3.0 Appendix 2: Technical Data Schedules
- 4.0 Appendix 4: ESIA & ESMP
- 5.0 Appendix 5: Topographical Reports
- 6.0 Appendix 6: Geotechnical Reports

These documents can be accessed using the downloadable links provided in Volume I.

SCOPE OF THE PRIMARY SUBSTATION PROJECT

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These are 33/11kV ECG Indoor Primary Substations:

- **Each substation shall consist of 2x30/39MVA 33/11kV Power Transformers (except UGTH which has 2x20/26MVA 33/11kV Power Transformers) .**
- **Indoor single busbar metal enclosed switchgear, equipped with modern protection, bay controllers, telecommunications / SAS / SCADA and metering systems for both 33 & 11kV switchgears.**
- **Indoor equipment to be housed in a basement type control building with adequate room for future extension of the 33kV and 11kV Switchgears**

SCOPE OF THE PRIMARY SUBSTATION PROJECT —SINGLE LINE DIAGRAM

[Project Drawiwings.pdf](#)



OVERVIEW OF ECG COMMUNICATION NETWORK

- ▶ ECG operates and maintains a corporate interconnected communications network made up of a number of IP Gigabit Routers with SFP interfaces, type MikroTik CCR1016-12S-1Splus from MikroTik.
- ▶ Network Management System (NMS) is used for the monitoring and control of the IP Communications network. The Contractor will be required to ensure that all the communication infrastructure provided under this Project shall be connected to this Network Management System (NMS).
- ▶ The current NMS (which is subject to change due to DCCN project) is Dude from MikroTik

SCOPE OF THE PRIMARY SUBSTATION PROJECT –CIVIL WORKS

Design, supply, installation, testing and commissioning of:

- Additional Geotechnical investigation recommendation on Seismic Findings as per Appendix 6
- All Civil, Structural, Architectural, and Building Works including embankment, Control Building (Basement Type) & Security Post.
- Substation yard surfacing & fencing
- Drainage System, Kerbing & Landscaping
- Security cameras and access control system for the station ,.
- HVAC (Heating/ventilation system & Air Conditioning)

SCOPE OF THE PRIMARY SUBSTATION PROJECT- ELECTROMECHANICAL

Design, supply, installation, testing and commissioning of:

- Complete earthing system including but not limited to laying of earthing grid of substation.
- Design, supply and install lighting & Lightning Protection System .

SCOPE OF THE PRIMARY SUBSTATION PROJECT

Design, supply, installation, testing and commissioning of:

- 33kV Metal enclosed Indoor Switchgear panels including 2500A single busbar (31.5kA/3s), 2500A bus couplers, 1250A feeders, power & Station transformer bay panels – **for all Primary Substations.**
- 11kV Metal enclosed Indoor Switchgear panels including 2500A single busbar (25kA/3s), 2500A bus sectionaliser, incoming/outgoing feeders (630A), power & Station transformer bay panels – **for Kotobabi, Korle-Gonno and Kanda Primary Substations.**

SCOPE OF THE PRIMARY SUBSTATION PROJECT

Design, supply, installation, testing and commissioning – cont'd:

- 11kV Metal enclosed Indoor Switchgear panels including 2000A single busbar (25kA/3s), 2000A bus sectionaliser, incoming/outgoing feeders (630A), power & Station transformer bay panels – **for UGTH Primary Substation.**
- 2x30/39MVA 33/11kV Outdoor Power Transformers complete with Onload tap Changer (OLTC) – **Kotobabi, Korle-Gonno & Kanda.**
- 2x20/26MVA 33/11kV Outdoor Power Transformers complete with Onload tap Changer (OLTC) - **UGTH.**

SCOPE OF THE PRIMARY SUBSTATION PROJECT

Design, supply, installation, testing and commissioning of :

- 11kV 6.35-ohm, 1000A for 30 s Neutral Grounding Resistors
- 100kVA 33/0.4kV Station Service Tx, LV AC/DC Systems.
- 1 No. 100kVA, 400V, 50Hz Generator c/w automatic /manual changeover switches
- Station 400/240V AC auxiliary services including all distribution boards.
- 110V & 48V DC systems with battery bank with two independent battery chargers, battery racks, distribution panel and manual change over switches

SCOPE OF THE PRIMARY SUBSTATION PROJECT

Design, supply, installation, jointing, termination testing and commissioning of :

- 33kV and 11kV cables between Power Transformers, and appropriate switchgear panels
- Power, control cables, and optical fiber.

SCOPE OF THE PRIMARY SUBSTATION PROJECT

The design, supply, installation, programming, testing, and commissioning of:

- Protection System - interlocks, coordination with other Stations
- Metering System - interfacing with SAS, SCADA & MMS
- Substation Automation System (SAS)/SCADA
- Telecommunication

SCOPE OF THE PRIMARY SUBSTATION PROJECT

Training of ECG/PDS Staff:

- satisfactory training of ECG's staff in the operation, maintenance, system integration and repair of all systems and equipment, including all required and recommended safety topics and procedures, shall receive the highest priority
- On and Offshore Trainings
- Trainings in English

PROJECT CONSTRAINTS

- **Time** - Compact duration (approximately two (2) years five months left. Compact ends in September 2021)
- **Plant Outages** – On the existing interconnecting Lines

PROJECT MILESTONES

22

| Item | Description | Date |
|------|--|--|
| 1 | Anticipated contract Award | Oct-18, 2019 |
| 2 | Commencement of works | 42 days after Letter of Acceptance (LOA) |
| 3 | Project Execution Plan (Including transportation plan) & Baseline Schedule | 28 days after commencement of works |
| 4 | Performance Security | 28 days after Letter of Acceptance (LOA) |
| 5 | Right of Access to Site | 28 days after contract award |
| 6 | Submission of first set of Designs | 60 days after commencement of works |
| 7 | Submission of site Specific ESM and HSMP | 63 days before site works |
| 8 | Commissioning test report | commissioning test completion + 28 days |
| 9 | Contract Completion QA Report | final inspection and tests + 14 days |
| 10 | As-Built Documentation | testing and commissioning + 56 days |
| 11 | Time for completion | 540 days after commencement date |

INTERCONNECTING LINES

Contract To Be Awarded Separately And Consists Of Construction Of :

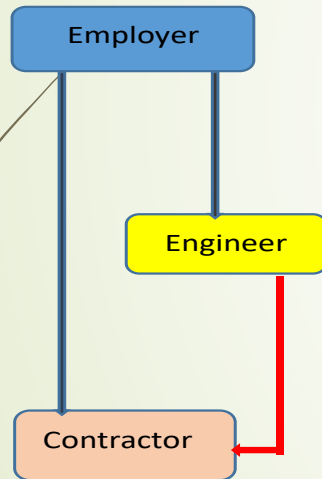
- ▶ 33kV and 11kV lines from Korle Gonno, Kotobabi, Kanda and UGTH Substations to interconnect with existing network.
- ▶ Fibre Optic Cables
- ▶ Interface Requirement between **Achimota BSP** and **Kanda Primary Substation Interconnecting Circuits.**

INSTITUTIONAL ARRANGEMENT

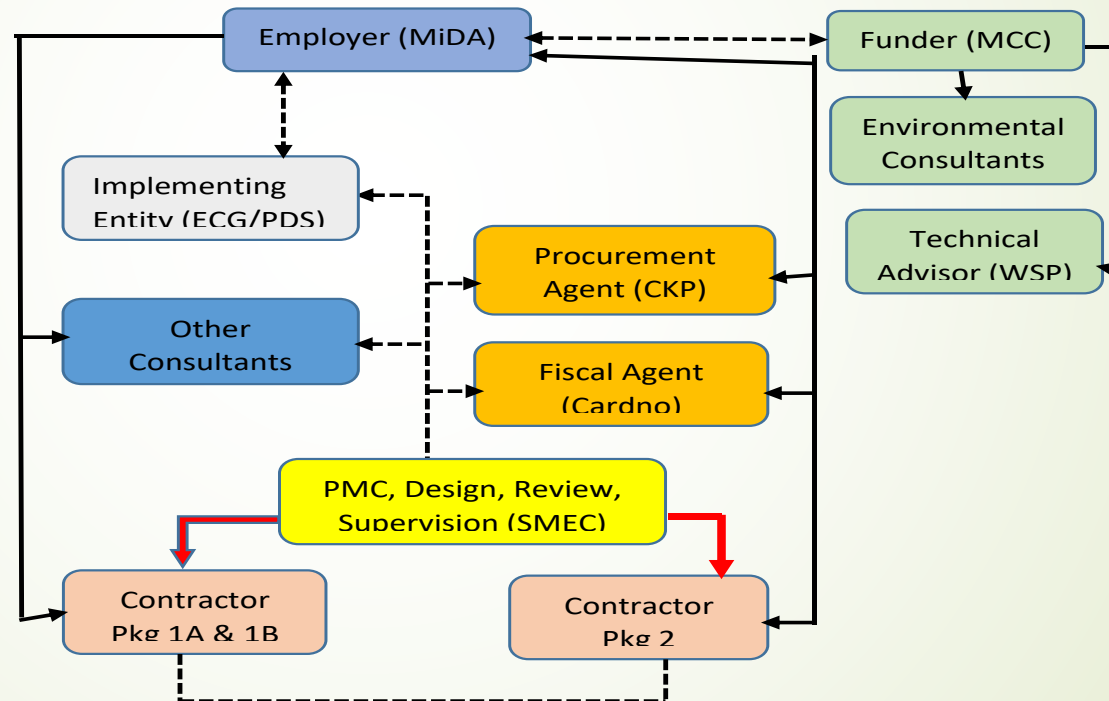
INSTITUTIONAL ARRANGEMENT

PROJECT KEY RELATIONSHIPS

FIDIC ARRANGEMENT



ADAPTED ARRANGEMENT



- = Contractual
- = Supervisory
- - - - - = Collaborative

HIGHLIGHTS OF TECHNICAL EVALUATION CRITERIA

Criteria, sub-criteria, and point system for the evaluation of Technical Offers

- 1. Organizational Capability and Experience of the Contractor
 - Bidder's experience forms (EXP 1-8) together with the REF forms
- 2. Approach, Methodology and Work Plan Technical Requirements (TECH 1-7) excl TECH 5
 - Methods Statements, Designs, Management Plans, Project Schedule, etc.
- 3. Key Professional Personnel Qualifications - TECH 8

THANK YOU

Q ? A



NEXT PRESENTATION



| SYMBOLS | DESCRIPTION |
|---------|--|
| | AUXILIARY TRANSFORMER |
| | NEUTRAL GROUNDING RESISTOR |
| | EARTH |
| | SURGE ARRESTER |
| | POWER CABLE |
| | INDOOR MOTORIZED SF6 C.B. |
| | TRANSFORMER WITH ON-LOAD TAP CHANGER |
| | VOLTAGE TRANSFORMER (THREE CORE) |
| | CURRENT TRANSFORMER |
| | EARTH SWITCH |
| | FUSE |
| | PRIMARY SUBSTATION METER |
| | TRIVECTOR METER |
| | MOTORIZED WITHDRAWABLE CIRCUIT BREAKER |
| | MOTORIZED ISOLATOR WITH EARTH SWITCH |

| DEV. NO. | RELAY |
|----------|--|
| 50 | INSTANTANEOUS OVERCURRENT RELAY |
| 50M | INSTANTANEOUS EARTH FAULT RELAY |
| 51 | THE DELAYED EARTH FAULT RELAY |
| 47 | DIRECTIONAL OVERCURRENT |
| 79 | AUTO RECLOSER FUNCTION |
| 86 | LOCK-OUT RELAY |
| 87 | TRANSFORMER DIFFERENTIAL RELAY |
| 2d | MAGNETIC OIL LEVEL GAUGE (TRANSFORMER) |
| 2d | MAGNETIC OIL LEVEL GAUGE (TRANSFORMER MAIN TANK) |
| 45 | WINDING TEMPERATURE DEVICE |
| 45 | WINDING TEMPERATURE DEVICE |
| 74 | OIL SURGE RELAY |
| 63 | BUCHHOLZ RELAY (TRANSFORMER) |
| 63 | BUCHHOLZ RELAY (TRANSFORMER OIL TANK) |
| 21 | DISTANCE PROTECTION |
| 67N | DIRECTIONAL EARTH FAULT PROTECTION |

NOTES:
 3KV FEEDERS SHALL BE RATED AT 60 MVA 12 X 60MM² CABLES PER PHASE
 11KV FEEDERS SHALL BE RATED AT 8 MVA 11 X 400MM² CABLES PER PHASE

* THE SELECTION OF VT SOURCE SHALL AUTOMATICALLY CHANGE DEPENDING ON THE SELECTED BUSBAR

EMPLOYER: MILLENNIUM DEVELOPMENT AUTHORITY (MDA) GHANA

BENEFICIARY: ELECTRICITY COMPANY OF GHANA (E.C.G)

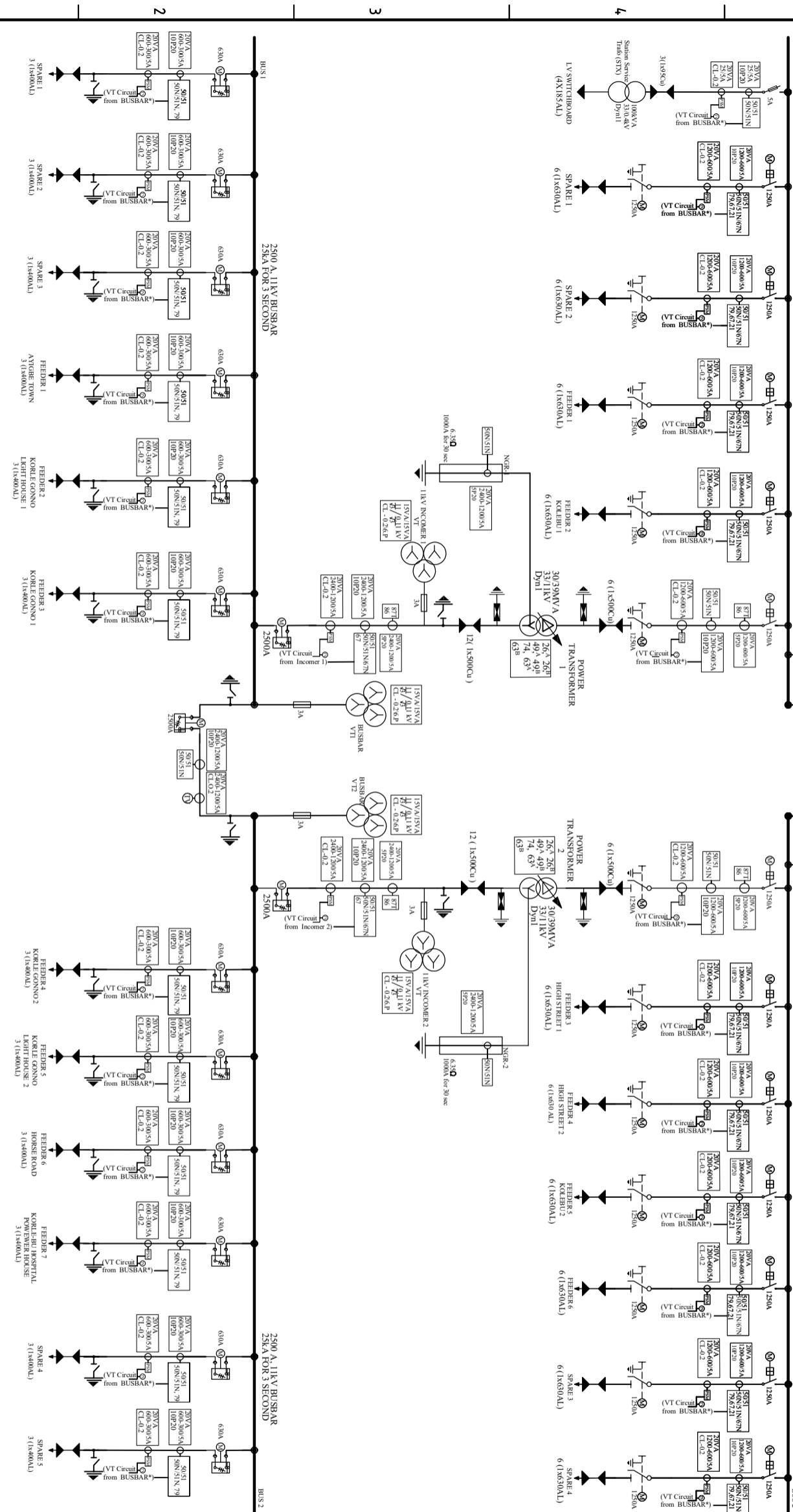
ENGINEER: SMEC

PROJECT: PRIMARY SUBSTATION - KORLE GONNO

TITLE: SINGLE LINE DIAGRAM (METERING AND PROTECTION)

| REV. | REMARKS | APPROVED | DATE | DRAWN | DATE | DATE |
|------|-------------------|----------|-------------|--------------|------------|------------|
| 1 | PRELIMINARY | | APRIL 2018 | B. YIRENKYI | APRIL 2018 | APRIL 2018 |
| 2 | E.C.G COMMENTS | | 18 MAY 2018 | R. SALEEM | APRIL 2018 | APRIL 2018 |
| 3 | ESBL WSP COMMENTS | | SEPT 2018 | S. REVENDERS | APRIL 2018 | APRIL 2018 |

| REV. | REMARKS | APPROVED | DATE | DRAWN | DATE | DATE |
|------|-------------------|----------|-------------|--------------|------------|------------|
| 1 | PRELIMINARY | | APRIL 2018 | B. YIRENKYI | APRIL 2018 | APRIL 2018 |
| 2 | E.C.G COMMENTS | | 18 MAY 2018 | R. SALEEM | APRIL 2018 | APRIL 2018 |
| 3 | ESBL WSP COMMENTS | | SEPT 2018 | S. REVENDERS | APRIL 2018 | APRIL 2018 |



FOR BIDDING PURPOSE ONLY

1

A

B

C

D

E

F

G

H

1

2

3

4

5

6

A

B

C

D

E

F

G

H



Millennium Development Authority (MiDA)

Pre-Bid Conference

**Supply and Installation of the Primary
Substations (Phase 1) - Design-Build for
Korle-Gonno, Kotobabi, Kanda and Legon**

CB No: 5140400-04/IFB/CB/03/19

Swiss Spirit Alisa Hotel

23rd April, 2019

Invitation for Bids (IFB)

- IFB follows the GPN that appeared in:
 - dgMarket, UNDB Online and MiDA website www.mida.gov.gh on Tuesday, 8 January, 2019, and
 - Local newspapers, Business & Financial Times, on Tuesday 15th January, 2019, Ghanaian Times on Thursday 10th January, 2019 and Daily Graphic on Wednesday 9th January, 2019.
- Supply and Installation of the Primary Substations (Phase 1) - Design-Build for Korle-Gonno, Kotobabi, Kanda and Legon is under the ECG Financial and Operational Turnaround Project (EFOT).

Invitation for Bids (IFB)

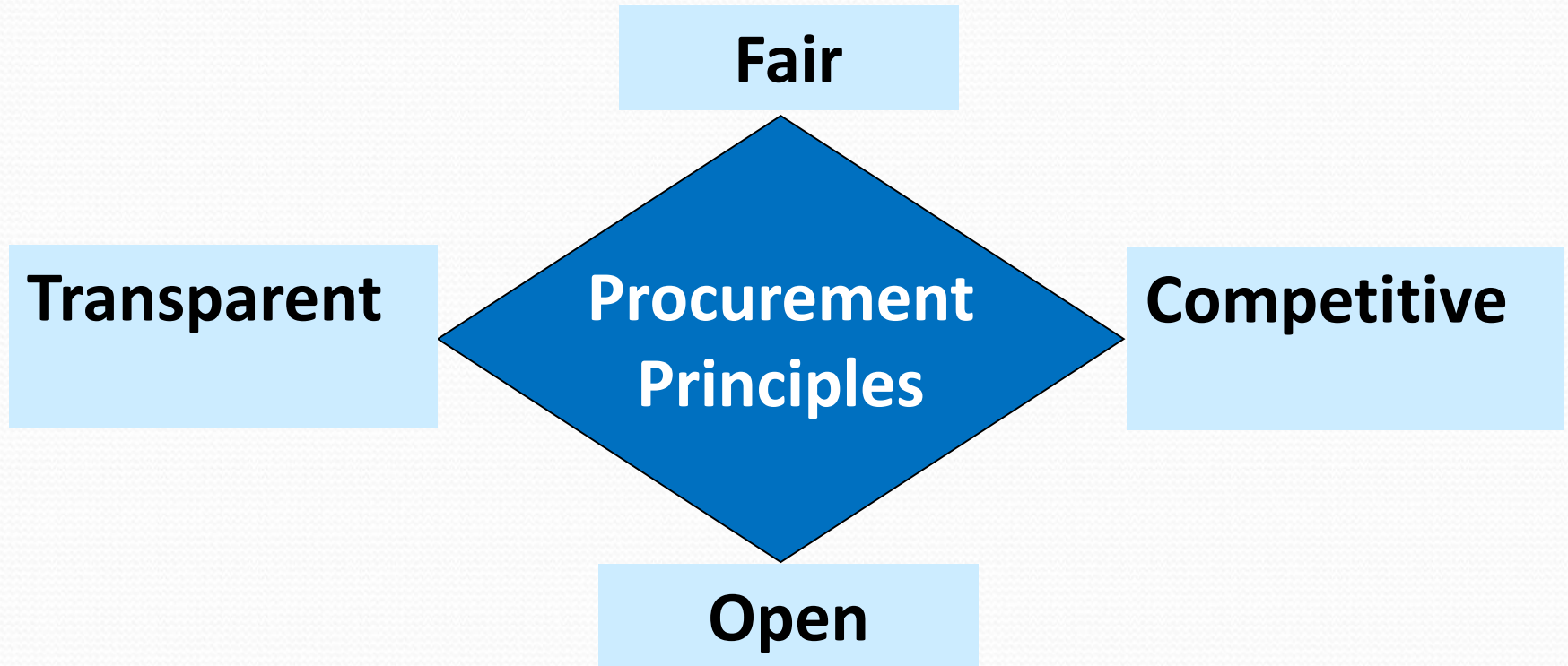
The proposed project is to be executed in two (2) separate Contract Lots as follows:

- Contract Lot 1:- Korle-Gonno and Kotobabi Substations and to be completed in Eighteen (18) calendar months from the commencement date.
- Contract Lot 2:- Kanda and Legon Substations and to be completed in Eighteen (18) calendar months from the commencement date.
- Multiple and combinations of Lots and discounts are NOT permitted within this Project package and will be evaluated on the basis of a Contract Lot and not a combination of the two (2) Contract Lots.

Invitation for Bids (IFB)

- Contractor Selection will be based on Quality and Price Based Selection (QPBS) procedures governed by MCC Program Procurement Guidelines.
- Procedures are similar to World Bank SBDs for Procurement of Works, Plant Design, Supply and Installation and SRP for Selection of Consultants but with several significant differences and departures.
- Firms are advised to review the instructions carefully.
- Important for interested Bidders to read the IFB carefully and if in doubt on any issue(s) always seek clarification(s).

MiDA Procurement Principles



MiDA Procurement Principles

- PA to ensure integrity of the process,
- Open competition wherever possible,
- No geographic or national preferences,
- Independent and suitably qualified Bid Review and Evaluation Panels,
- MCC and MiDA Board of Directors approvals over certain thresholds,
- Price Reasonableness Analysis,
- Contractor Past Performance Reports,
- Reference Checks, and
- Bid Challenge System and Debriefings.

Bidding Documents

Bidding Documents are in three (3) Parts with Sections and should be read in conjunction with any Addenda that may be issued in accordance with ITB 9:

- **Part 1 - Bidding Procedures**

- Section I. Instructions to Bidders
- Section II. Bid Data Sheet
- Section III. Qualification and Evaluation Criteria
- Section IV. Technical and Financial Offer Bid Forms

All Bids must be accompanied by a Bid Security included in the Technical Offer in the form and amount specified in the Bid Data Sheet.

Bidding Documents

- **PART 2 Employer's Requirements**
- Section V. Employer's Requirements

- **PART 3 Conditions of Contract and Contract Forms**
- Section VI. General Conditions of Contract
- Section VII. Particular Conditions of Contract
- Section VIII. Form of Notice of Intent to Award
- Section IX. Annex to the Particular Conditions of Contract – Contract Forms

Part 1 - Bidding Procedures

- **Section I. Instructions to Bidders (ITBs)**
 - Provides information to help potential bidders prepare their bids, bids submission, opening and evaluation and award of contracts.
- **Section II. Bid Data Sheet**
 - Consists of provisions that are specific to this procurement and supplements the information or requirements included in Section I.
- **Section III. Qualification and Evaluation Criteria**
 - Contains the criteria to determine the lowest evaluated responsive bid and to ascertain continued qualification of the bidder.

Part 1 - Bidding Procedures

Section IV. Technical and Financial Offer Bid Forms

Technical Offer

➤ Review

Administrative Completeness Review of Legal Status; Financial Criteria; Litigation Criteria; Qualifications Review; References and Past Performance Review.

➤ Technical Evaluation Criteria

Criteria, sub-criteria and point system for the evaluation of Technical Offers of Organizational Capability and Experience; Approach, Methodology and Work Plan and Key Professional Personnel Qualifications.

➤ Minimum Technical Score required to pass is 80 points.

Part 1 - Bidding Procedures

Section IV. Technical and Financial Offer Bid Forms

Financial Offer

- Administrative Completeness Review to ensure all required documents and forms are included and completed.
- Bidders may be requested to submit additional information or documentation ***within a reasonable period of time*** to correct nonmaterial nonconformities in the Bid as relates to Financial Offer documentation requirements.
- **Reviews to include the determination that:**
 - Letter of Financial Offer Bid Price is included and signed.

Part 1 - Bidding Procedures

Financial Offer Cont'd

- **Review of the Prices in the Financial Offer**
- **Determine the Evaluated Financial Offer Price of each Bid**
- **Evaluated Bid Price adjusted as follows:**
 - to exclude Provisional Sums;
 - not to include the price adjustment provisions and to rates; and
 - to include adjustment for correction of arithmetical errors, omissions, clarifications.

Part 1 - Bidding Procedures

Financial Offer Cont'd

- **Price of Recommended Spare Parts** in Price Schedule No. 6 shall not be considered for evaluation.
- **Costs of work, services, facilities** etc., to be provided by MiDA in excess of the provisions called for in the Bidding Documents shall be added to the Financial Offer Price for evaluation.
- **Price Reasonableness Determination**
- Negative determination of price reasonableness may be a reason for rejection of the Bid at the discretion of MiDA and Bidders shall not be permitted to revise their Bids after this determination.

Part 1 - Bidding Procedures

Financial Offer Cont'd

- Determination of Combined Technical and Financial Scores with the Lowest Evaluated Financial Offer (F_m) is given the Maximum Financial Score (S_f) of 100.
- Formula for determining the financial scores (S_f) of all other Offers is calculated as $S_f = 100 \times F_m / F$, in which “ S_f ” is the financial score, “ F_m ” is the lowest price and “ F ” the price of the Offer under consideration.
- Weights given to the Technical (T) = 80 and Financial (P) = 20 and Bids ranked by combined S_t & S_f with $S = S_t \times T\% + S_f \times P\%$.

Part 1 - Bidding Procedures

- Bidders' attention is drawn to the particular **Clauses** under Section I - Instructions to Bidders as amended and supplemented under Section II - Bid Data Sheet that explain details to be provided for Section III - Qualification and Evaluation Criteria and Section IV - Technical and Financial Offer Bid Forms as regards to:
 - Preparation of Bids – ITBs 10 – 21;
 - Submission and Opening of Bids - ITBs 22 – 26;
 - Evaluation and Comparison of Bids ITBs 27 – 34;
 - and
 - Negotiations and Award of Contract, ITBs 35-46.

Part 2 - Employer's Requirements

Section V. Employer's Requirements

- Documents under this Section are part of the Bidding Documents and Bidders are to provide detailed requirements, without having any impact on Contractor's incumbent obligations as per ***Clause 4.10 - Contractor's General Obligations of the General Conditions of Contract.***
- The Employer's Requirements are arranged in the documents and appendices attached separately to the bid document.
- Bidders must read and comply with all the provisions in all the documents and appendices

Part 2 - Employer's Requirements

Section V. Employer's Requirements

The Employer's Requirements cover the following:

- Scope of Works and Specifications
- Appendix 1: Drawings
- Appendix 2: Technical Data Schedules
- Appendix 4: Environmental, Social, Health and Safety Management Plan
- The documents can also be assessed in the google link below:

<https://drive.google.com/open?id=1-NpVYVLunNoJcKVxAmTlyNT9v3odl9e>

Note that Google Drive Links do not work well with some Internet Explorer Installations subject to security settings on each Computer 17

Part 3 - Conditions of Contract and Contract Forms

Section VI. General Conditions of Contract (GCC)

- GCC are those of the “Conditions of Contract for Plant and Design-Build,” First Edition, 1999, prepared by the Fédération Internationale des Ingénieurs-Conseils (FIDIC).
- This is normally referred to as the Yellow Book under the FIDIC Suite.
- The GCCs are subject to the variations and additions set out in the Particular Conditions of Contract (PCC) licensed for use by MCC.

Part 3 - Conditions of Contract and Contract Forms

Section VI. General Conditions of Contract (GCC)

- The General Conditions of Dispute Adjudication Agreement and Dispute Adjudication Agreement per Sub-Clauses 20.2 and 20.4 are the “General Conditions of Dispute Adjudication Agreement” appended to the GCC and the Dispute Adjudication Agreement annexed to the “Guidance for the Preparation of Particular Conditions of Contract,” both contained in the “Conditions of Contract for Construction,” First Edition, 1999, as prepared and published by FIDIC, which can be received from MiDA through the Engineer, SMEC.

Part 3 - Conditions of Contract and Contract Forms

Section VII. Particular Conditions of Contract (PCC)

- The Particular Conditions of Contract (PCC), including Annex A and Annex B, shall supplement the GCC and whenever there is a conflict, the provisions in the PCC shall prevail.
- Annex A (Additional Provisions) are applicable Compact Conditions, Bidders are advised to examine and consider carefully, as part of the PCC, being Government's and the MiDA's obligations under the Compact and related documents, required to be transferred onto any anyone with contracts in which MCC Funding is involved.

Part 3 - Conditions of Contract and Contract Forms

- Appendix to Financial Offer in Section IV (Technical and Financial Offer Bid Forms) are made a part of the Bidder's Bid and for the successful Bidder, it shall become Annex B to the PCC.

Section VIII. Form of Notice of Intent to Award

- Not a Notice of Award or Letter of Acceptance.
- Notice of Intent to Award shall include a note that a formal Letter of Acceptance and draft Contract Agreement after expiration and the resolution of Bid Challenge.
- Delivery of the Notice of Intent to Award shall not constitute the formation of a contract.

Part 3 - Conditions of Contract and Contract Forms

Section IX. Annex to the Particular Conditions of Contract – Contract Forms

- Form of Letter of Acceptance with an Attachment of the Contract Agreement.
- Form of Contract Agreement.
- Compliance with Sanctions Certification Form.
- Beneficial Ownership Disclosure Form.
- Forms of Performance Security, Advance Payment Guarantee and Retention Money Guarantee, subject to the Uniform Rules for Demand Guarantees, 2010 Revision, ICC Publication No. 758.

Clarification Questions and Responses

One (1) round of Clarification as follows:

Not later than **Tuesday 30th April, 2019** with responses not later than **17:00 hours** local time in Ghana on **Friday 17th May, 2019**.

Clarification responses to all Questions will be issued along with the Minutes of the Pre-Bid Conference

Clarification Questions must be sent **by e-mail** to:

paghana@charleskendall.com and
procurement@mida.gov.gh

You must use these addresses to solicit a written response to your questions including those raised at this Conference.

Submissions

MiDA Procurement, 4th Floor Heritage Tower, 6th Avenue Ridge West, Accra

- Technical Offer - 1 original, 4 hard copies and scanned copy in PDF format on USB Drive.
- Financial Offer - 1 original, 4 hard copies and scanned copy in PDF format on USB Drive.
- Submission Form to be completed on Tender Box.
- Submissions due by **10:00 am local time on Friday, 21 June, 2019.**
- Public opening follows immediately after.
- Late Submissions will not be accepted.

COMMON CHALLENGES

- ❖ Clarification questions not asked by due date and time.
- ❖ Courier packages or Bids not clearly marked – clearly label courier packages with activity title and IFB/RFP reference number.
- ❖ Bid submission form/letter (TECH-1) not signed.
- ❖ Power of Attorney not provided.
- ❖ JV or Association documents not provided.
- ❖ Government Owned Entity form not completed and/or signed.
- ❖ Financial Statements not provided.
- ❖ Firms fail to analyze the evaluation criteria and align the marks available to the content of their Bid.
- ❖ References and/or contact email addresses not provided for Bidder and/or Key Personnel.
- ❖ Technical/Financial forms not responded to, or completed, in full.
- ❖ CV not signed, or years of experience for Key Personnel not clear.

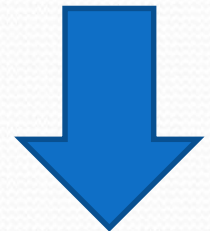


Any questions?

The End

Thank you –

NEXT PRESENTATION





Millennium Development Authority
Reducing Poverty through Economic Growth



Pre-Proposal Meeting

Ghana Compact II ESP Requirements for the Construction of Primary Substations

Benjamin Opoku

Director ESP, MiDA

April 23 2019

PRESENTATION OUTLINE

- **ESP Requirements for the Construction of the Primary Substations (PSS)**
- **Potential ESP Risks for the Construction and Operation of the PSS**
- **Key Actors, Roles and Responsibilities**

Environmental and Social Performance (ESP) – the Need for Compliance

2

- 1. Safeguard Human Life and Property**
- 2. Protect the Natural Environment**
- 3. Ensure Sustainable Construction and Operation of the PSS**
- 4. Ensure concerns of Stakeholders are adequately managed throughout the Life of the Project.**
- 5. Requirement of the Power Compact – IFC Performance Standards (1 - 8)**
- 6. Legal Requirement –EA Laws of Ghana**

Environmental and Social Performance (ESP)

3

– Requirements for the Construction of PSS

Assessments, Studies, Plans and Permits;

- 1. Environmental and Social Impact Assessment (ESIA) - Completed**
- 2. Environmental and Social Management Plan (ESMP) - Preliminary**
- 3. Health and Safety Management Plan (HSMP) - Preliminary**
- 4. Stakeholder Engagement Plan (SEP) - Preliminary**
- 5. Environmental Assessment (EA) Permit – Compliance with Ghana EPA Requirements.**

Contractors ESP Requirements

4

- **Finalize the HSESMP for review and approval by MiDA prior to commencement of works**
- **HSESMP should take into account Contractors method statements for the various activities**
- **Finalize SEP for approval by MiDA prior to commencement of works**
- **HSES Personnel should be mobilized prior to commencement of any construction related activity, including site clearing etc.**
- **Sub – Contractors awareness and induction of the contractors ESP Requirements for the works.**

Resettlement Action Plan (RAP) and Community Engagement

- **Lands for the construction of the PSS acquired by MiDA.**
- **Resettlement Action Plans (RAPs) is being developed for the four (4) project sites**
- **RAPs will be Completed and Implemented**
 - **Affected Persons compensated**
 - **Structures and Properties relocated**
- **Access to site granted to Contractor(s) before commencement of works.**

Potential ESP Risks for the Construction and Operation of the PSS

6

- **Stakeholder Engagement, Community Relations and management of Grievance and Redress.**
- **Community and Occupational Health and Safety during Construction and Operation.**
- **Waste Management**
- **Traffic Control and Management**
- **Sourcing of construction materials**

Key Actors, Roles and Responsibilities for Effective ESP Implementation

7

► Key Actors

- The Employer (MiDA) – ESP Directorate
- Employers ESP Consultants
 - Resettlement and Community Engagement Consultants
 - Health, Safety, Environment and Social Consultants
- The Engineer – ESP Specialists
- MCC – ESP Directorate and Consultants
- **Contractor** – ESP Personnel

Contractors Responsibilities for Effective ESP Implementation

8

- **Contractors Health, Safety and Environmental Management Plan – to be developed and submitted 4 weeks before site mobilization or start of construction activities.**
- **Risk Register highlighting ‘additional’ potential risks/impacts associated with the construction of the BSP – to be developed and submitted 4 weeks before site mobilization or start of construction activities.**

Training

9

► Contractors' Staff

- Sufficient training to staff to create awareness of the relevant aspects of the HSESMP
- To enable staff fulfil their roles and functions
- Contractor's responsibility

► HSE Induction

- Sub-Contractors
- Supervisory Engineer
- Employer
- Consultants
- Etc.

Training

10

- **Areas of Concern;**
 - **General Safety and environmental protection awareness;**
 - **Site induction training**
 - **Daily Toolbox talks on variety of issues e.g. housekeeping, environmental aspects, health and safety aspects etc.**
 - **Emergency procedures; and**
 - **Risk & Hazard identification and mitigation**
 - **Near Hit, incident/accident reporting**
 - **PPE Procedure**

Contractors ESP Reporting

11

- **Monthly Progress Report on HSES Management.**
 - **Safety Statistics**
 - **Management measures/actions taken**
 - **Injuries and incident reporting**
 - **Stakeholder engagement activities including grievances received and measures to address them**
 - **Any positive actions on promoting safety and environmental awareness.**
 - **Training and capacity development activities**



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