



MORE Electric and Power Corporation  
**MINUTES OF THE MEETING**

**BID BULLETIN 003**

Ref. MOM-BAC-2025-003

<b>Topic:</b>	Pre-Bid Conference for the Supply of Power Transformers and Development of Gen. Hughes Substation		
<b>Date of Meeting:</b>	06 February 2025	<b>Time:</b>	10:30 a.m.
<b>Facilitator:</b>	Elizabeth Dyhn A. Cabunagan	<b>Location:</b>	Satin Room, Seda Atria Hotel, Donate Pison Ave., Mandurriao, Iloilo City
<b>Entities Involved:</b>	MORE Power BAC TWG Secretariat Bidders Observers		

## I. ATTENDANCE

### BAC:

1. Elizabeth Dyhn A. Cabunagan (Chairperson)
2. Claudine P. Panes (Vice-Chairperson)
3. Mishiele D. Villagracia
4. Bernard Bailey R. Del Castillo – *virtual*

### TWG:

1. Armil O. Logarta
2. Donnel A. Sespeñe
3. Wilmar J. Gonzaludo
4. Emerson O. Maximo
5. Juvan M. Ferolino – *virtual*

### Secretariat:

1. John Dave V. Jabatan
2. Angelo A. Bernaldez
3. Darlene S. Alvarez

### Support Staff:

1. Jamil Ian J. Pacardo
2. Kervin John P. Pasignahin
3. John Lennon B. Orbe

### Bidders & Observers:

(Attached hereto as Annex "A" and Annex "B".)

## II. AGENDA

1. Pre-Bid Conference for the *Supply & Installation of Two (2) Units 30/36 MVA Power Transformers*
2. Pre-Bid Conference for the *Development of 30/36 MVA Gen. Hughes Substation*
3. Other matters

## III. CALL TO ORDER

The meeting is called to order by the Chairperson at **10:30 a.m.**



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#### IV. CERTIFICATION OF QUORUM

The Chairperson confirmed the presence of a quorum with **four (4) out of five (5) members** of the BAC present, meeting presided by the Chairperson.

#### V. DISCUSSION

##### A. Discussion of the salient points of the Legal and Commercial provisions by Chairperson Atty. Elizabeth Dyhn A. Cabunagan:

i. Project names are as follows:

**1. Supply & Installation of Two (2) Units 30/36 MVA Power Transformers**

**ABC:** PhP 140,000,000.00 (VAT-in)

**Duration:** 240 Calendar Days

**2. Development of 30/36 MVA Gen. Hughes Substation**

**ABC:** PhP 55,000,000.00 (VAT-in)

**Duration:** 300 Calendar Days

ii. The indicative timeline are as follows:

Publication and Invitation to Bid	January 15, 2025
Availability of Bid Documents	January 17 – February 26, 2025
<b>Pre-Bid Conference</b>	<b>February 6, 2025 (10:30 AM)</b>
<b>Site Inspection</b>	<b>February 6 – 7, 2025</b>
Deadline of Submission of Comments	February 19, 2025
Issuance of Bid Bulletins, <i>if any</i>	February 8 – 19, 2025
<b>Deadline of Submission of Bids</b>	<b>February 26, 2025 (11:00 AM)</b>
<b>Opening of Bids</b>	<b>February 26, 2025 (1:30 PM)</b>
Evaluation of Bids / Post-Qualification	February 26 – March 5, 2025
Issuance of Notice of Award	March 10, 2025

iii. The Bid Documents are available for **PhP 50,000.00** for the first project and **PhP 30,000.00** for the second project, inclusive of VAT and subject to EWT.

iv. Bids submitted beyond the specified time and date which is **11:00 a.m. of February 26, 2025 will not be accepted** by the BAC. Bidders have the full responsibility to ensure the timely submission at the designated drop venue.

v. Bidders are referred to *Section V* of the *Terms of Reference* for the list of Bidder's requirements.

vi. Compared to previous bidding practices, for this bidding, Bidders need only to submit **one (1) set** of documents for their submission. It could either be original or certified true copies. There is **no need** to submit both original and photocopy.

vii. For those who will be joining as JV, submission of either companies in the JV constitutes as submission for both.

viii. In accordance with *Section V* of the *Terms of Reference*, **PCAB License Category "B", SP-EE (Electrical Works) specialization Category "B"** is the minimum requirement.

ix. The single largest completed contract (SLCC) must be **at least fifty percent (50%)** of each project's ABC. The value of the Contract will be taken as-is and **not subject to price adjustment or escalation**.



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- x. The statement of Contracts and SLCC need to be similar to the project to be bid. The following are the similarity requirements for each respective project:
1. *Supply & Installation of Two (2) Units 30/36 MVA Power Transformers:*
    - a. Experience in supply, delivery, transport, logistics, and installation of a power transformer (mobile substations included) of at least 10 MVA and 69 kV at the high side.
    - b. Experience in testing & commissioning of a power transformer (mobile substations included) of at least 10 MVA and 69 kV at the high side.
    - c. Experience in dealing with associated power transformer accessories necessary for its ideal protection and energization.
  2. *Development of 30/36 MVA Gen. Hughes Substation:*
    - a. Direct (hands-on) experience in the construction and development of a high voltage substation. For this purpose, “high voltage” shall mean a voltage level of at least 69 kV or higher.
    - b. Experience in testing & commissioning of a power transformer (mobile substations included) of at least 10 MVA and 69 kV at the high side.
    - c. Experience in the supply, fabrication, erection, and installation of steel structure gantries (I-beam type)
    - d. Experience in the installation, wiring, and termination of main control and protection panels / switchboards.
- xi. For the checklist of submission, Bidders are referred to *Volume 1 (Commercial Provision) – BDS Clause 2*. The second envelope requirements are as follows:
1. Bid Security as to form, amount, and validity period (use Form 001 for Bid Securing Declaration);
  2. Duly-accomplished Technical Data Sheets;
  3. Duly-accomplished Bid Price Schedule.
  4. A USB flash drive containing the duly filled-out Bid Price Schedule may be submitted to support the bid offer, but this is optional and not required. In cases of major discrepancies not due to arithmetic errors, the signed hard copy will prevail.
- xii. It was highlighted that the amount of the liquidated damages shall be at least equal to **one-tenth (1/10) of one percent (1%) of the total contract cost** for every day of delay, up to a maximum of **ten percent (10%)**, at which point MORE Power may terminate the Contract.
- xiii. In compliance with company procurement protocols, accreditation is required prior to Bid Opening. Bidders must coordinate with MORE Power Procurement at [procurement@morepower.ph](mailto:procurement@morepower.ph).
- It was highlighted that these are **separate requirements** to Procurement and any common document in the accreditation still needs to be resubmitted during the Opening of Bids in accordance with *Section V* of the *Terms of Reference*.
- xiv. For subcontracting, it was emphasized that Bidders need the prior approval of MORE Power before any subcontractor can work with the projects.



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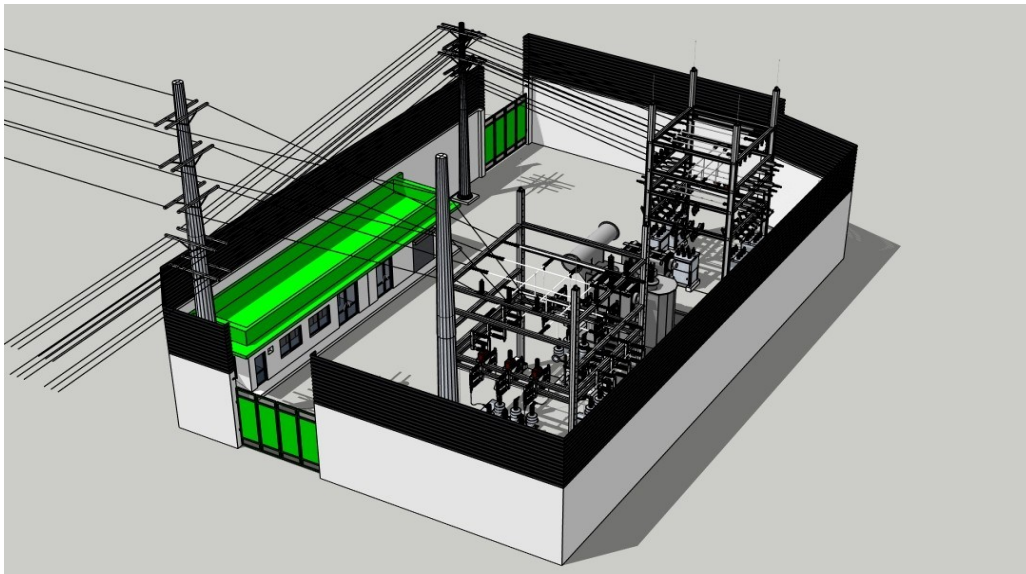
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**B. Discussion of the key technical points by TWG Member Engr. Wilmar J. Gonzaludo:**

- i. The scope of works for the *Supply and Installation of Two Units 30/36 MVA Power Transformers* was presented. It includes supply, delivery, installation, testing (both FAT and field test), and commissioning.
- ii. Preferred brands are the following – Siemens, GE, Schneider, Hitachi, Hyundai, Mitsubishi, Fuji, Fortune, Shihlin.
- iii. Preferred countries of origin – Europe, USA, Korea, Japan, Taiwan, Vietnam, Thailand.
- iv. It was highlighted that the transformer for Megaworld Substation must be capable of paralleling with the existing transformer and dimensions must fit the existing layout and transformer pad.
- v. The scope of works for the *Development of 30/36 MVA Gen. Hughes Substation* was briefly summarized. For major equipment, MORE Power will supply the equipment but the Bidder must be responsible for its hauling, transport, installation, wiring, termination, lay-outing, testing & commissioning, supply of needed accessories, and other necessities for complete installation.
- vi. For other equipment, bidders are responsible for supply, delivery, installation, and testing & commissioning.

**C. Discussion of the conceptual design of Gen. Hughes Substation by TWG Member Engr. Emerson O. Maximo**

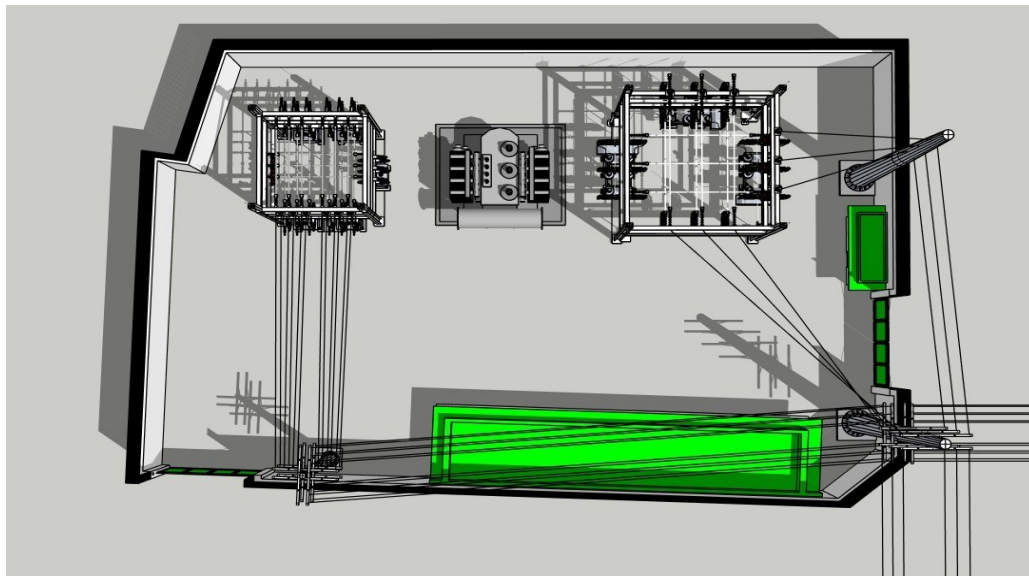
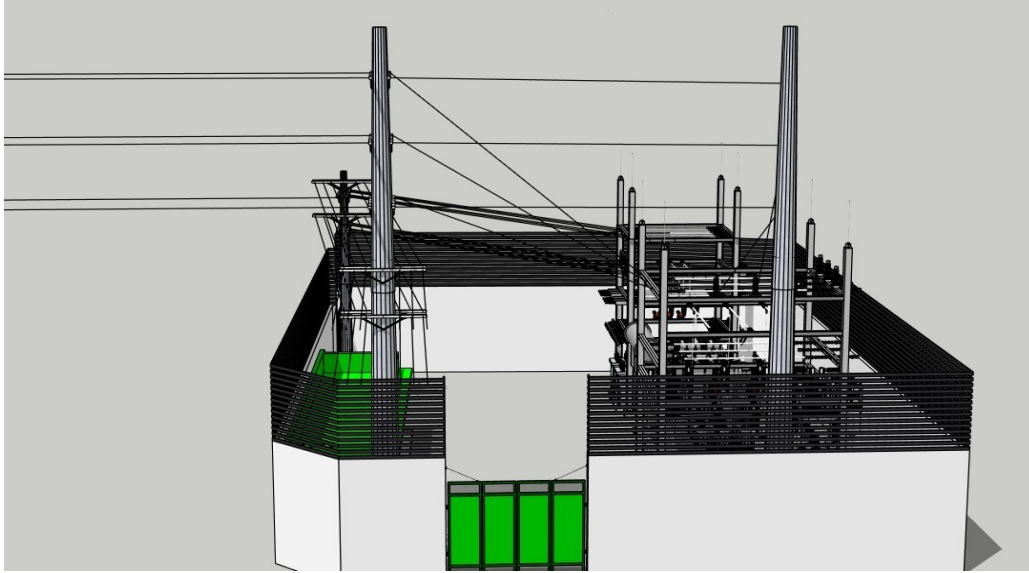
- i. The conceptual designs were presented:





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- ii. TWG highlights that the permits and licenses (e.g. DPWH, LGU, DENR, etc.) are the scope of the Bidder.
- iii. The final civil designs will be made available by next week for Bidders to be able to offer a more competitive, realistic bid.
- iv. The TWG also briefly discussed the mechanical components of the project, with emphasis on fire protection.

**D. The Chairperson opened the floor for comments and queries from the observers. The discussions are as follows:**

QUERY	BAC RESPONSE
Are other brands and countries of origin possible?	Bidders are requested to kindly submit their requests for reconsideration for their respective brands and



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<i>(It is noted that multiple Bidders have raised the same query.)</i>	countries of origin. The BAC will respond to this specific concern next week through a Bid Bulletin.
Due to manufacturing time for power transformers, we respectfully request an extension of project duration for the first project. <i>(It is noted that multiple Bidders have raised the same query.)</i>	Bidders are requested to kindly submit their requests for extension of project duration. The BAC will respond to this specific concern next week through a Bid Bulletin.
Will the dimensions of power transformer pad be provided?	Yes. Bidders are encouraged to verify this during site inspection. Moreover, the TWG will provide the details in a Bid Bulletin.
Must FAT be in the country of origin witnessed personally?	Yes, it is a requirement for FAT to be witnessed on-site. Three (3) persons from MORE Power shall be considered for FAT.
There are no bid drawings for civil design.	To be detailed in a Bid Bulletin due to some revisions in design.
Which brands for protection relays are accepted?	The relays are owner-supplied, and the Bidder needs only to install, wire, terminate, and test & commission these relays.
Will control cables be part of our scope?	For the Megaworld site, it will be provided for by MORE Power. For the Gen. Hughes site, it will be on the scope of the Contractor.  Furthermore, please consider the limited space in Megaworld Substation.
Will the general site lay-out be provided?	To be detailed in a Bid Bulletin.
Where is the location of the warehouse for the storage of owner-supplied materials?	It is in Lapayon, Leganes for accessories. However, the power transformers need coordination between the winning Bidder for the first project and the winning Bidder of the second project.
Please consider the extension of bid opening.	Kindly submit your request to the Secretariat for review and deliberation of the BAC.
There are no detailed drawings of the panels for protection design, only schematic was provided.	Panel design is the scope of the Bidder, subject to the approval of MORE Power.
Who will conduct the hauling of protection relays?	As these are small items, they will be turned-over by MORE Power to the winning Bidder.
Can the price values of the equipment be disclosed for insurance purposes?	We will provide these to the winning Bidder. However, the market value for these items may also be used for the meantime.
What is the fire protection set-up for the power transformer?	We only specified portable fire extinguishers only. We will not use a sprinkler system surrounding the transformer.
Are relays for backup protection different from the main protection?	No, they are the same brand for Main-1 and Main-2.
Is the SCADA already existing?	Yes. The Bidder must map and integrate the new substation to MORE Power's SCADA network.
Is MORE using a master clock and traveling wave functions?	For master clock, it is already deployed in the Control Center. The traveling wave is not used by MORE Power.



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Is teleprotection included?	No. The Bidder needs only to use the existing fiber optic network for SCADA.
Kindly discuss the breaker fail functionality.	The relays are stand-alone with breaker fail function. Slave relays will be supplied only as needed.
We request the brochure of the owner-supplied relays.	These are available online for downloading.
How many relays, switches, and devices are allowed per panel?	It is up to the Bidder to design. We would appreciate a compact design to save space.
We request the building plans. Is this conventional foundation?	Yes. The design will be detailed in a Bid Bulletin.
Please confirm the actual number of steel poles to to discrepancy of the presented conceptual design and the TOR.	The final design will be released in a Bid Bulletin.
Is online DGA part of the scope? Who will interface the online DGA to the SCADA network?	Yes, it is part of the scope. The Bidder shall provide technical support during the SCADA integration.
For the country of origin of OLTC, does it need to come from Germany?	Preferably so. But any origin country will do as long as the OLTC is authentic and genuine.
Who will supply the FOTE for Gen. Hughes?	To be supplied by MORE Power.
Who will do the relocation survey?	To be done by MORE Power.
For the SF6 of power circuit breakers, is there a need to refill them?	If the charge is sufficient, there is no need. However, Bidder is responsible to refill it if found necessary.

## VI. OTHER MATTERS

- A. The Secretariat advised Bidders to coordinate with TWG for their set-up for the site inspection.
- B. The Secretariat notes that Bidders may send further queries and comments via email.

## VII. ADJOURNMENT

There being no matters left to discuss, the motion to adjourn was raised and seconded and the meeting was **adjourned at 12:12 p.m.**

Prepared by:

  
**JOHN DAVE V. JABATAN**  
Secretariat

Approved by:

  
**ATTY. ELIZABETH DYHN A. CABUNAGAN**  
Chairperson of the BAC