

MARINDUQUE ELECTRIC COOPERATIVE, INC.

BOAC·BUENAVISTA·MOGPOG·GASAN·STA.CRUZ·TORRIJOS

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Competitive Selection Process (CSP) by Marinduque Electric Cooperative, Inc. (MARELCO) for its New Power Provider (NPP)

BID BULLETIN NO. 2019-002

A. This Bid Bulletin is issued in response to the comments and clarifications of respective bidders raised during and after the Pre-Bid Conference conducted on August 28, 2019.

Issues and concerns were summarized, classified and categorized according to the provisions under the Terms of Reference and Instruction to Bidders.

Taking cognizance on the significance and relevance of some recommendations and comments, and likewise the fundamental objectives and guiding principles in which a Competitive Selection Process must be conducted, the committee, after due deliberation thereby decided to cause some revisions and/or rephrase some provisions of the TOR and Instruction to Bidders to comply with the objectives of the competitive selection process on fairness, transparency and competitiveness.

OLD PROVISION

TERMS OF REFERENCE

I. INTRODUCTION

1. The Marinduque Electric Cooperative, Inc. (MARELCO), through its Third Party Bids and Awards Committee (TPBAC), invites Generation Companies to join the Competitive Selection Process (CSP) for the procurement of a Power Supply Agreement (PSA) with a New Power Provider (NPP) for the provision of 16 MW for Marinduque Grid.

3.1 PLANTS AND CAPACITIES

- 3.1.1 The winning New Power Provider (NPP) shall construct and operate one (1) power plant in each of the following three (3) locations deemed suitable by MARELCO, acquired or leased, without prejudice to purchasing or leasing the facilities owned by MARELCO and NPC-SPUG with the following suggested dependable capacity:
- 3.1.1.1 Between Boac and Mogpog 8 MW
- 3.1.1.2 Between Sta Cruz and Torrijos- 4 MW
- 3.1.1.3 Between Gasan and Buanavista-4MW

REVISED PROVISION

TERMS OF REFERENCE

- I. INTRODUCTION (SCOPE OF BID)
- 1. The Marinduque Electric Cooperative, Inc. (MARELCO), through its Third Party Bids and Awards Committee (TPBAC), invites Generation Companies to join the Competitive Selection Process (CSP) for the procurement of a Power Supply Agreement (PSA) with a New Power Provider (NPP) for the provision of 16 MW Available Guaranteed Capacity for Marinduque Grid which will include base, peaking and intermediate load requirements of the province.

3.1 PLANTS AND CAPACITIES

- 3.1.1 The winning New Power Provider (NPP) shall construct and operate one (1) power plant in three (3) locations with the following load demand:
- 3.1.1.1 Between Boac and Mogpog 8 MW
- 3.1.1.2 Between Sta Cruz and Torrijos 4 MW
- 3.1.1.3 Between Gasan and Buanavista- 4 MW

The lot on which the power plant will be constructed may be acquired or leased.

- 3.1.2 The winning NPP's power plants shall have a Dependable Capacity of 16MW to deliver the Base load, peaking and reserve requirements of Marinduque. It shall be completed and ready for operation on Commercial Operation Date, and shall be composed of brand-new generating units with Dependable Capacity of 2 MW each:
 - 3.1.2.1. Between Boac and Mogpog: eight (8) MW, with three (3) units rated 900 RPM or lower
 - 3.1.2.2. Between Gasan and Buenavista: four (4) MW, with one (1) unit rated 900 RPM or lower
 - 3.1.2.3. Between Sta. Cruz and Torrijos: four (4) MW, with one (1) unit rated 900 RPM or lower

3.1.2 The new power plant shall have generating units composed of maximum 2.5 MW Rated Capacity and minimum of 16 MW Available Guaranteed Capacity at connection point net of plant outage. It shall be completed and ready for operation on Commercial Operation Date.

Note: The generating capacity may come from any type of power plant provided it will meet the requirements stated in 3.1.1. The Effective Capacity of each new power plant to be constructed shall be the product of its rated capacity and the applicable capacity credit factor. For power plants that do not have seasonal variation, such as coal, Diesel/Bunker C and geothermal power plants, the capacity credit factor shall be 100%. Power plants with seasonal variation and those with intermittent energy resources shall have capacity credit factor based on their ability to support capacity during peak periods such as:

- a. Hydroelectric power plants 70%
- b. Solar with battery 25%
- c. Solar without battery 0%
- d. Wind 40%

All units are dispatchable. NPP will schedule the dispatch of Gensets based on Plant Operating Progam for Marelco's approval where the Plant Outage Schedule is presented.

Bidders shall be provided with Map of Marinduque showing the 69kv and 13.2 kv lines

- 3.1.3 In addition to the generating units specified in 3.1.2, by COD, the winning NPP shall have sufficient aggregate RE generating capacity to provide at least one percent (1%) of MARELCO's annual energy requirements therefrom.
- 3.1.3. In addition to the generating units specified in 3.1.2, by COD, in compliance with RPS Law, the winning NPP shall have sufficient aggregate RE generating capacity to provide at least three percent (3%) of MARELCO's forecasted energy requirements on the first year and additional one percent (1%) annually therefrom. (Annex 1)

Note: This will apply only for power plants using nonrenewable sources. RE component can be installed in any location.

Bidders shall be provided with a graph for RPS yearly requirements

- 3.1.4. The winning NPP's power plants shall employ only newly-manufactured or brand-new equipment and generating units procured from reputable manufacturers. During the bidding, the Bidder must state the Name of the Power Plant from which supply will be sourced, the minimum stable loading (or P-min) of the power plant (in MW) and the capacity of the power plant (in MW).
- 3.1.4. The winning NPP shall employ only brandnew generating units and equipment. During the bidding, the Bidder must state the Name of the Supplier from which the generating units and other equipment will be sourced, the minimum stable loading (or P-min) of the power plant (in MW) and the capacity of the power plant (in MW).
- 3.1.5. The Power Station shall have a rated voltage of 13.8 KV and capable of being synchronized with the grid. Must be capable of load sharing. Can operate at 0.9 PF leading and .85 PF lagging. It shall have a black start capability.
- 3.1.5. The Power Station shall have a rated voltage of 13.2 KV + 5% voltage increase and shall have an impedance of 8%-12% for purposes of protection coordination.

The generating units must be capable of being synchronized with the grid. Must be capable of load sharing. Can operate at 0.9 PF leading and .85 PF lagging. It shall have a black start capability.

- 3.1.7 The delivery and metering point shall be at the connection point to either 13.2-kV or 69-kV distribution lines.
- 3.1.7. The delivery and metering point shall be at the following connection point:
 - Between Boac and Mogpog -13.2 kV with Bus-in connection including spare protection at Bgy. Janagdong Feeder Bus
 - Between Gasan and Buenavista -13.2 kV with Bus-in connection including spare protection at Bgy.Daykitin, Buenavista Feeder Bus
 - c. Between Sta Cruz and Torrijos 13.2
 kV with Bus-in connection at including spare protection at Bgy. Cagpo, Torrijos

The load sharing shall be at 69 Kv lines.

Note: We will provide Single Line Diagram

3.2 INCIDENTAL EXPENDITURES:

3.2.1. The cost of the Point-to-Point connection to MARELCO's distribution system from either 13.2 KV or 69 KV lines shall be borne by the winning NPP.

3.2 INCIDENTAL EXPENDITURES:

3.2.1 The cost of Point-to-Point connection as provided in Section 3.1.7 shall be borne by the winning NPP.

Note: Operation and maintenance of tie line shall be the responsibility of NPP. However, maintenance of 13.2 KV tie Line may be contracted by the coop with a minimum service charge of P3,033.00/km of line/month.

3.2.2. The winning NPP shall emplace SCADA for its plants with the view of linking with MARELCO's SCADA once it is in place. The winning NPP shall also install kWh meters and data loggers at all generating unit terminals and at all connection points, and submit data as required by MARELCO for its data analytics system.

No revision

Note: GENCO is required to be SCADA ready since it is already a requirement under the PGC and to be able to harmonize with MARELCO SCADA in the future. The communication link will be shouldered by Marelco

3.3 GUARANTEED SERVICE

- 3.3.1. The winning NPP shall provide 24-hour service to MARELCO.
- 3.3.2. The NPP has the obligation to supply the requirements of MARELCO on the period under the PSA, such that all unserved energy that are not due to Force Majeure events, distribution-side outages, or justifiable fuel supply shortages shall be subject to a penalty of 5.6404 P/kWh. The total amount shall be used to offset from MARELCO billings.

3.3 GUARANTEED SERVICE

- 3.3.1. The winning NPP shall provide 24-hour service to MARELCO.
- 3.3.2. The NPP has the obligation to supply the requirements of MARELCO on the period under the PSA. However, it shall be allowed for a maximum allowable of (a)180 hours Scheduled/Planned Outage and (b) 295.2 hours Unplanned/Forced Outage of the power plant(s).

Hence, all unserved energy beyond the allowable scheduled and unscheduled outages and those that are not due to Force Majeure events, distribution-side outages, or justifiable fuel supply shortages shall be subject to a penalty of 5.6404 P/kWh. The total amount shall be used to offset from MARELCO billings.

3.3.3 The winning NPP must have a reserve power. In case of prolonged outages that are not due to force majeure, NPP may provide rental gensets as replacement power to avoid penalties.

Unutilized outage allowance shall not be carried forward to subsequent contract year.

3.3.3 The winning NPP must have a reserve power. In case of prolonged outages that are not due to force majeure, NPP may provide rental gensets as replacement power to avoid penalties.

3.3.4

3.3.5. Once adequate, reliable, and resilient supply of electricity in Mainland Marinduque is achieved, MARELCO will conduct further rounds prioritizing Renewable Energy developers.

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3.4. FUEL REQUIREMENTS

3.4.1. Prior to PSA signing, the winning NPP shall conduct its own CSP for fuel, secure a long-term fuel supply contract, and provide a copy thereof to MARELCO.

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Note: The bidder shall secure a long term fuel supply contract in its own initiative. Copy of which must be submitted to Marelco in compliance with the bidding requirements. 5 years will be considered long term contract.

3.4.2 The winning NPP shall ensure that fuel in stock is always good for at least forty-five (45) days. Fuel supply shortage is justifiable only if caused by Force Majeure events.

3.4.2 The winning NPP shall ensure that fuel in stock is always good for at least forty five (45) days including one month normal operation.

3.7 PAYMENT

3.7.1. Full payment made by the 10th day of the calendar month following the Billing Period shall entitle MARELCO to a PPD of three percent (3%), provided that MARELCO has no overdue payables. Bids shall take this requirement into account. In no case shall the submitted or approved rates be increased to accommodate PPD.

3.7 PAYMENT

3.7.1 Payment for Power billing shall be on or before the 25th day of the following month.

Note: Bidder is not required to offer a PPD.

3.8. UNBUNDLED TARIFF COMPONENTS

3.8.1. The proposed NPP True Cost Generation Rate must be below the NPC's current TCGR, broken down into unbundled tariff components, as follows:

Component	Unit
CRF	P/kWh
FOM	P/kWh
VOM	P/kWh
$FR = L_{fuel} \div kWh_{net}$	L/kWh
$LOR = L_{lube} \div kWh_{net}$	L/kWh

3.8. UNBUNDLED TARIFF COMPONENTS

- 3.8.1. The proposed NPP True Cost Generation Rate must be below the NPC's current TCGR, broken down into unbundled tariff components, as follows:
- 1. Price components:
 - 1.1 Non-RE
 - A. Capital Fee
 - 1. Capital Recovery (including profit); and 2. Fixed Operation and Maintenance
 - B. Energy Fee
 - 3. Variable Operation and Maintenance; and

- 4. Fuel (including transport)
- 1.2 RE
- A. Capital Fee
 - 1.Capital Recovery (including profit); and 2.Fixed Operation and Maintenance
- B. Energy Fee
 - 3. Variable Operation and Maintenance
- 2. Currencies of each price component which may include local (PhP/kWh) and foreign (USD/kWh). Foreign currency shall be converted to Php using 2018 Foreign Exchange rate.
- 3. Price Indexation indicating the percentage of the price component that escalates and will be indexed to a specific reference market/consumer price.

Note: Capital Recovery component of Bid Price shall not be indexed.

- 4. Guaranteed maximum outage hours per year; Scheduled outages
 - Unscheduled outages
- Applicable taxation based on type of energy source (that is, whether renewable or nonrenewable);
- 3.8.2. Each of the unbundled tariff components shall be accompanied by a derivation, computation, or simulated value for every year of the PSA as applicable using Long Term Levelized Price.
- 3.8.3. CRF shall be fixed throughout the life of the PSA and shall not be subject to indexation. The Incidental Expenditures may be recovered through CRF as long as the approved rate is observed.
- 3.8.4. FOM and VOM shall be adjusted according to monthly Philippine CPI as indicated in the website of the National Statistics Coordination Board (www.nscb.gov.ph) using the value as of September 2018 as base.

Note: The uniform formula shall be thoroughly discussed and provided during the 2nd Pre-Bid Conference

- 3.8.2. Each of the unbundled tariff components shall be accompanied by a derivation, computation, or simulated value for every year of the PSA as applicable.
- 3.8.3. CRF shall be fixed throughout the life of the PSA and shall not be subject to indexation. The Incidental Expenditures may be recovered through CRF as long as the approved rate is observed.
- 3.8.4. FOM and VOM shall be adjusted according to monthly Philippine CPI as indicated in the website of the National Statistics Coordination Board (www.nscb.gov.ph) using the value at the time of PSA signing as base.

4. PRE-QUALIFICATION AND SELECTION

- 4.1. Prospective NPPs shall have an aggregate generation portfolio of at least 10 MW regardless of technology at the time of submission of bid and has been in the business of power generation for at least five (5) years to prequalify.
- 4.2. Prospective NPPs shall have a Net Worth in the amount of at least Four Hundred Million Pesos (PhP400,000,000.00) as proven by Audited Financial Statements for the last two (2) years to pre-qualify.

4. PRE-QUALIFICATION AND SELECTION

- 4.1. Prospective NPPs shall have an aggregate generation portfolio of at least 10 MW regardless of technology at the time of submission of bid and has been in the business of fossil fuel power generation for at least five (5) years or two (2) years for renewable energy to pre-qualify.
- 4.2. Prospective NPPs shall have a Net Worth in the amount of at least Four Hundred Million Pesos (PhP400,000,000.00) as proven by Audited Financial Statements for the last two (2) years to pre-qualify.

4.3. Corporation, Joint Venture and Partnership with International Company can join provided they comply with all the requirements. (ie. 3 years of establishment)

Note: Net Worth of all of the partners may be combined or consolidated to comply with the requirement. Provided they will all submit an AFS duly stamped received and certified true copy by the BIR.

4.3. Corporation, Joint Venture, Consortium and Partnership with International Company can join provided they comply with all the requirements such as submission of Joint Venture agreement among others.

Note: A Joint Venture Agreement duly notarized must be submitted as a requirement to pre-qualify. This agreement shall be accompanied by a duly notarized Board Resolution of each party's Mother company guaranteeing its support and the level of participation of each partner in case they win and formalize the IV company or Project Company

INSTRUCTION TO BIDDERS:

1. Scope of Bid

- 1.1. The Marinduque Electric Cooperative, Inc. (MARELCO), through its Third Party Bids and Awards Committee (TPBAC), invites Generation Companies to join the Competitive Selection Process (CSP) for the procurement of a Power Supply Agreement (PSA) with a New Power Provider (NPP) for the provision of 16 MW for Marinduque Grid.
- 1.2. The winning New Power Provider (NPP) shall construct and operate one (1) power plant in each of the following three (3) locations deemed suitable by MARELCO, acquired or leased, without prejudice to purchasing or leasing the facilities owned by MARELCO and NPC-SPUG:

Table 1: Plant locations and capacities

Location	Capacity
Between Boac and Mogpog	8 MW
Between Gasan and Buenavista	4 MW
Between Sta. Cruz and Torrijos	4 MW

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- 1.2.The winning New Power Provider (NPP) shall construct and operate one (1) power plant in three (3) locations with the following load demand:

Table 1: Plant locations and Load Demand

Location	Load Demand
Between Boac and Mogpog	8 MW
Between Gasan and Buenavista	4 MW
Between Sta. Cruz and Torrijos	4 MW

- 1.3. The winning NPP's power plants shall employ only newly-manufactured or brand-new equipment and generating units procured from reputable manufacturers. During the bidding, the Bidder must state the Name of the Power Plant from which supply will be sourced, the minimum stable loading (or P-min) of the power plant (in MW) and the capacity of the power plant (in MW).
- 1.4. The Power Station shall have a rated voltage of 13.8 KV and capable of being synchronized with the grid. Must be capable of load sharing. Can operate at 0.9 PF leading and .85 PF lagging. It shall have a black start capability.

4. Transaction Schedule

4.1 This Transaction shall follow the schedule listed in the following table. The TPBAC reserves the right to change any of these schedules. The TPBAC shall give appropriate and timely notice to participating Bidders in the event of changes in schedule.

Transaction Schedule:

	_	
Activity	Date	
Publication of Invitation to Bid	August 03 & 10 2019	
Launching of Transaction	August 05 to 12 2019	
Issuance of Bid Documents	August 05 to 16 2019	
Deadline for Payment of Transaction Participation		
Fee/Bidding Documents and Issuance of Bidding		
Documents	August 16, 2019	
Pre-bid conference	August 28, 2019	
Due Diligence	August 28 to Sept 28, 2019	
Deadline of Submission of comments/requests for		
clarifications	September 27, 2019	
Issuance of Supplemental/ Final Bid Bulletin/ITB	October 7, 2019	
Deadline of Submission and Opening of Bids	October 14, 2019	
Last day of Bid Evaluation	October 21, 2019	
Issuance of Notice to Bidder with the Lowest Calculated Bid	October 21, 2019	
Last day of submission of post-qualification		
requirements	October 28, 2019	
Last day of Post-qualification of Bidder with LCB	November 14, 2019	
Confirmation and Announcement of Winning Bidder	November 14, 2019	
Notification of Bidder with the Lowest Calculated Responsive Bid	November 14, 2019	
Negotiation and Finalization of Power Supply	11010111501 1 1, 2010	
Agreement	November 15 to 25, 2019	
Submission of CSP Report and Draft PSA for Review by NEA		
Award of Contract	November 25, 2019	
Last day of submission of Performance Security	December 6, 2019	
•		
Signing of Power Supply Agreement	December 6, 2019	
Issuance of Notice to Proceed to Winning Bidder	December 13, 2019	
Joint Application of PSA for ERC Approval	December 27, 2019	

7. Eligible Bidders

7.1 The following entities shall be eligible to participate in this bidding:

7.1.1 . . .

7.1.2 . . .

7.1.3 . . .

7.1.4 Joint Ventures provided they were formed and organized prior to submission of Bids.

The lot on which the new power plant will be constructed may be acquired or leased.

- 1.3. The winning NPP shall employ only brand-new equipment and generating units. During the bidding, the Bidder must state the Name of the Supplier from which the generating units and other equipment will be sourced, the minimum stable loading (or P-min) of the power plant (in MW) and the capacity of the power plant (in MW).
- 1.4. The Power Station shall have a rated voltage of 13.2 KV + 5% voltage increase and capable of being synchronized with the grid. Must be capable of load sharing. Can operate at 0.9 PF leading and .85 PF lagging. It shall have a black start capability.

4. Transaction Schedule

4.1 This Transaction shall follow the schedule listed in the following table. The TPBAC reserves the right to change any of these schedules. The TPBAC shall give appropriate and timely notice to participating Bidders in the event of changes in schedule.

Transaction Schedule:

Activity	Date	
Deadline of Issuance of Response to clarifications – 1 st Pre-Bid	October 10, 2019	
2 nd Pre-bid conference	October 22, 2019	
Issuance of Final Bid Bulletin/ITB	November 4, 2019	
Deadline of Submission and Opening of Bids Last day of Bid Evaluation	November 14, 2019 November 21, 2019	
Issuance of Notice to Bidder with the Lowest Calculated Bid	November 21, 2019	
Last day of submission of post-qualification requirements	November 28, 2019	
Last day of Post-qualification of Bidder with LCB	December 16, 2019	
Confirmation and Announcement of Winning Bidder	December 16, 2019	
Notification of Bidder with the Lowest Calculated Responsive Bid	December 16, 2019	
Negotiation and Finalization of Power Supply Agreement	December 17 to 27, 2019	
Award of Contract	December 27, 2019	
Last day of submission of Performance Security	January 6, 2020	
Signing of Power Supply Agreement Issuance of Notice to Proceed to Winning Bidder	January 6, 2020 January 13, 2019	
Joint Application of PSA for ERC Approval	January 27, 2019	

Note: The Second Pre-Bid Conference shall be held on October 22, 2019 (Tuesday) at 1:00 o'clock in the afternoon at Marelco Center for Interactive Learning Center, Ihatub, Boac, Marinduque.

7. Eligible Bidders

7.1 The following entities shall be eligible to participate in this bidding:

7.1.1 . . .

7.1.2 . . .

7.1.3 . .

7.1.4 Joint Ventures and Consortium duly organized under the laws of the Philippines, and of which at least sixty (60%) of the interest belongs to citizens of the Philippines provided they have submitted a duly notarized Joint Venture Agreement with a Board Resolution of party's Mother Company guaranteeing its full support to the JV and clearly stating the level of participation of partners/parties in case they win the bidding and formalize the JV or a Project Company.

7.3. The Bidder must have a generation portfolio of an aggregated total plant capacity of 10 MW regardless of technology and has been in the business of power generation in the last five (5) years to be eligible. For the purpose of confirmation, the Bidder must provide copies of its Certificates of Compliance (COCs) issued by ERC as well as copies of its Generation Company Information Sheet (GCIS) and Generation Company Management Report (GCMR) submitted to ERC for the last five (5) years.

7.4. The Bidder must have a Net Worth of at least Four Hundred Million Pesos (PhP400,000,000.00). The value of the Bidder's Net Worth shall be based on the latest Audited Financial Statements (AFS) submitted to the Bureau of Internal Revenue (BIR) for the last two (2) years.

C. PREPARATION OF BIDS

13. Eligibility Requirements for Bidders

13.1. Bidders shall submit the following eligibility requirements

I.Class "A" Documents

Legal Requirements:

- a)
- b).
- c)
- d) e)
- f) Compliance with EO# 398
 - BIR VAT Registration
 - Proof of VAT payments for the past six (6) months
 - Tax Clearance from the BIR to prove bidder's full and timely payment of taxes to the government
 - Certification under oath from the bidder's responsible officers that the bidder is free and free of all liabilities with the government
- g) Authority of the Signing Official
- h)General Information Sheet submitted to SEC

7.3. The Bidder must have a generation portfolio of an aggregated total plant capacity of 10 MW regardless of technology and has been in the business of power generation in the last five (5) years for fossil fuel power plant or two (2) years for renewable energy to be eligible.

For the purpose of confirmation, the Bidder must provide copies of its Certificates of Compliance (COCs) issued by ERC as well as copies of its Generation Company Information Sheet (GCIS) and Generation Company Management Report (GCMR) submitted to ERC for the last five (5) years.

Note: To be eligible, a bidder may not necessarily be the owner of the power plant but must be a company having the number of technical operating experience and the aggregate generation portfolio as required above.

For Joint Ventures or Consortium, one or all of the partners must satisfy the requirement.

7.4. The Bidder must have a Net Worth of at least Four Hundred Million Pesos (PhP400,000,000.00). The value of the Bidder's Net Worth shall be based on the latest Audited Financial Statements (AFS) submitted to the Bureau of Internal Revenue (BIR) for the last two (2) years.

Note: Net Worth of all the partners can be combined or consolidated to comply with the requirement. Provided they will all submit an AFS duly stamped received and certified true copy by the BIR.

Note: All documents to be submitted by the Bidder's Foreign counterpart shall be duly authenticated by the respective Embassy.

C. PREPARATION OF BIDS

13. Eligibility Requirements for Bidders

13.1. Bidders shall submit the following eligibility requirements

I. Class "A" Documents

Legal Requirements:

- a)
- b).
- c)
- d)
- e)
- f) Documentary proof of Bidder's compliance with Tax obligations, such as:
 - BIR VAT Registration
 - Proof of VAT payments for the past six months;
 - Tax Clearance from the BIR to prove Bidder's full and timely payment of taxes to the government; or
 - A certification under oath from Bidder's responsible officers that the Bidder is free and clear of all liabilities with the government.

g)General Information Sheet submitted to SEC

14. Documents Comprising the Bid

14.1 The Bid shall consist of the following: (a) Eligibility Requirements as stated in Section 13.1, (b) Bid Security, (c) Financial Proposal, and (d) Technical Proposal.

14.1.1 Financial Proposal:

- 1. The Financial component of the Bid shall contain the accomplished Financial Bid following ANNEX B herewith.
- 2. The proposed True Cost Generation Rate must be below the NPC's current TCGR, broken down into unbundled tariff components, as follows:

Component	Unit
CRF	P/kWh
FOM	P/kWh
VOM	P/kWh
$FR = L_{fuel} \div kWh_{net}$	L/kWh
$LOR = L_{lube} \div kWh_{net}$	L/kWh

- 3. Each of the unbundled tariff components shall be accompanied by a derivation, computation, or simulated value for every year of the PSA as applicable.
- 4. CRF shall be fixed throughout the life of the PSA and shall not be subject to indexation. The Incidental Expenditures may be recovered through CRF as long as the approved rate is observed.
- 5. FOM and VOM shall be adjusted according to monthly Philippine CPI as indicated in the website of the National Statistics Coordination Board (www.nscb.gov.ph) using the value of year 2018 as base.
- 6. A soft/electronic copy of the derivation, computation or simulation shall also be submitted in USB flash drive.

14. Documents Comprising the Bid

14.1 The Bid shall consist of the following: (a) Eligibility Requirements as stated in Section 13.1, (b) Bid Security, (c) Financial Proposal, and (d) Technical Proposal.

14.2 Financial Proposal:

- 1. The Financial component of the Bid shall be submitted using the accomplished Financial Bid following ANNEX B herewith.
- 2. The Financial Proposal of the Bidder shall detail the following bid variables that may affect the projected Long-Term Levelized Price, the calculation of which is detailed in **ITB-25**:
- 1. Price components:
 - 1.1 Non-RE
 - A. Capital Fee
 - 1. Capital Recovery (including profit); and 2. Fixed Operation and Maintenance
 - B. Energy Fee
 - 3. Variable Operation and Maintenance; and
 - 4. Fuel (including transport)
 - 1.2 RE
 - A. Capital Fee
 - 1.Capital Recovery (including profit); and 2.Fixed Operation and Maintenance
 - B. Energy Fee
 - 3. Variable Operation and Maintenance
- 2. Currencies of each price component which may include local (PhP/kWh) and foreign (USD/kWh). Foreign currency shall be converted to Php using 2018 Foreign Exchange rate.
- 3 Price Indexation indicating the percentage of the price component that escalates and will be indexed to a specific reference market/consumer price. *Note:* Capital Recovery component of Bid Price shall not be indexed.
- 4.Guaranteed maximum outage hours per year; Scheduled outages and Unscheduled outages
- 5. Applicable taxation based on type of energy source (that is, whether renewable or non-renewable);

14.1.2 The Technical Proposal

- 1. The Technical Proposal shall detail the plan on how the Bidder will carry out the development, financing, construction, connection to grid, operation, and maintenance of the power plant(s) to supply each of the 16MW power (plant) requirement of MARELCO and the committed Project Milestones. The plan shall include, but not necessarily be limited to the following:
- a) . .
- b) . .
- c) . .
- d) . .
- e) . .
- f) . .
- i) Proof of Technical Capacity:

21. Sealing and Marking of Bids

6.Copy of Ancillary Service Procurement Agreement or NGCP Accreditation

14.3 The Technical Proposal

- 1. The Technical Proposal shall detail the plan on how the Bidder will carry out the development, financing, construction, connection to grid, operation, and maintenance of the power plant(s) to supply the available guaranteed capacity of 16MW power (plant) requirement of MARELCO and the committed Project Milestones. The plan shall include, but not necessarily be limited to the following:
- a) . .
- b) . .
- c) . .
- d) . .
- e) . .
- f) ...
- i) Proof of Technical Capacity:
- **6. deleted** ASPA or NGCP Accreditation is not anymore needed

17. Bid Currencies

17.1. With no exception, all unbundled tariff components of a Bidder's proposed TCGR shall be quoted in Philippine Pesos per kilowatt-hour (P/kWh) and liters per kilowatt-hour (L/kWh) as specified in Form "B" herewith.

21.1 The Bids shall be submitted in one (1) sealed main Bid envelope (or box) bearing the signature of the authorized representatives to secure the seal and labelled as follows:

Name of Bidder
Address of Bidder
Address of Bidder
The THIRD PARTY BIDS AND AWARDS COMMITTEE (TPBAC)
Marinduque Electric Cooperative, Inc.

"BID FOR THE POWER SUPPLY AGREEMENT FOR THE PROVISION OF
16 MW FOR MARINDUQUE GRID"

Location:

WARNING: DO NOT OPEN BEFORE 10:00 AM OF OCTOBER 14, 2019

17. Bid Currencies

17.1. With no exception, all unbundled tariff components of a Bidder's proposed TCGR shall be quoted in Philippine Pesos per kilowatt-hour (P/kWh) as specified in Form "B" herewith.

21. Sealing and Marking of Bids

21.1 The Bids shall be submitted in one (1) sealed main Bid envelope (or box) bearing the signature of the authorized representatives to secure the seal and labelled as follows:

Name of Bidder
Address of Bidder
The THIRD PARTY BIDS AND AWARDS COMMITTEE (TPBAC)
Marinduque Electric Cooperative, Inc.

"BID FOR THE POWER SUPPLY AGREEMENT FOR THE PROVISION OF
15 MW FOR MARINDUQUE GRID"

Location:
WARNING: DO NOT OPEN BEFORE 10:00 AM OF NOVEMBER 14, 2019

D. SUBMISSION AND OPENING OF BIDS

22. Deadline for Submission of Bids

22.1 Bids must be received by MARELCO TPBAC on or before 9:00 AM (Philippine Standard Time) of October 14, 2019 at the Marelco Center for Interactive Learning Center (MCIL), Marelco Main Office, Ihatub, Boac, Marinduque. The Bid is considered received by the TPBAC the moment it is dropped into the Bid submission drop box. Any Bid submitted thereafter shall be declared "Late" and shall not be accepted by MARELCO TPBAC.

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Section 24. Opening and Preliminary Examination of Bids

24.1. MARELCO TPBAC shall open the Bids in public at 10:00 AM of October 14, 2019 at the Marelco Center for Interactive Learning, Ihatub, Boac, Marinduque. In case the Bids cannot be opened as scheduled due to justifiable reasons, MARELCO TPBAC shall take custody of the Bids submitted and reschedule the opening of Bids on the next working day or at the soonest possible time through the issuance of a Notice of Postponement to be posted at the websites of MARELCO, NEA, and DOE.

24.2 . . . 24.3 . . . 24.4 . . .

24.5. The TPBAC shall open ENVELOPE 2 of each Bidder that was rated "PASSED" for eligibility. Only Bids that are determined to contain all the Bid requirements (ANNEX J) for both Financial and Technical components shall be rated "passed" and shall immediately be considered for evaluation and comparison.

24.6. In case one or more of the requirements in the second envelope of a particular Bid is missing, incomplete or patently insufficient, MARELCO TPBAC shall rate the Bid concerned as "failed." Further, all Bids with which exceed the National Power Corporation's TCGR in Marinduque shall be rated "failed".

Section 24. Opening and Preliminary Examination of Bids

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24.2 . . . 24.3 . . . 24.4 . . .

24.5 The TPBAC shall open ENVELOPE 2 of each Bidder that was rated "PASSED" for eligibility. The Financial Proposal (Bid Form) shall be examined and checked using pass/fail criterion according to the following:

- a. Financial Bid is presented in the Official Bid Form
- b. Financial Bid is lower than the NPC TCGR.
- c. With soft copy of supporting computation and derivation of each component.

Bid/s not complying with any of the above requirements shall be declared "failed."

24.6 The data entries of Bids that was declared "passed" shall be encoded into the Bid evaluation program (in MS Excel) prepared by the TPBAC, following the Evaluation Methodology described in InsTB-25. The representative of the Bidder, if present, and an independent auditor or witness, shall be allowed to witness the transfer of the aforementioned data into the bid evaluation program.

Note: Provisions under Section 24.7. in the old Instruction to Bidders is deleted while Section 24.8 to 24.10 are retained but renumbered from 24.7 to 24.9

E. EVALUATION AND COMPARISON OF BIDS

25. Detailed Evaluation and Comparison of Bids

This old provision on evaluation of the Financial and Technical proposal is totally discarded and shall be replaced by calculating the Long Term Levelized Price for each Bid price to get the Lowest Calculated Bid.

E. EVALUATION OF FINANCIAL PROPOSAL AND COMPARISON OF BIDS

25. Determination of Lowest Calculated Bid

25.1 Long-Term Levelized Price. The Financial Proposal (i.e., Bid Price) of the Bidders shall be evaluated by calculating the equivalent price in September 2018 of the Long-Term Levelized Price over the 15-year period (2022-2037) of the Bid Price.

Note: To ensure apple to apple comparison of bids, bidders shall be provided with data and uniform formula to be used in arriving at the proposed Tariff. This will be presented and thoroughly discussed during the 2^{nd} Pre-Bid Conference.

Comparison of Bids and Selection of Lowest Calculated Bid.

The Long-Term Levelized Price calculated for each Bidder will be compared. The Bid with the lowest calculated Long-Term Levelized Price will be deemed the Lowest Calculated Bid (LCB) and shall be subjected to the next stage of evaluation, which is Post Qualification and Detailed Evaluation of Technical Proposal.

In case of tie Bids, that is, if multiple Bidders have the same calculated Long-Term Levelized Price, the following series of tie-breakers shall be applied:

- 1. Bidders shall be required to submit a new Financial Proposal.
- 2. If ties are not yet broken, the TPBAC shall decide on how to break the tie in consultation with the Bidders whose Bids have tied.

26. Post Qualification Requirements:

26.2. The Technical Proposal shall be evaluated based on the requirements detailed in **InsTB-14**.3 The planned power plant project of the Bidder shall exhibit technical feasibility and credibility that power plant(s) will be available to supply the Available Guaranteed Capacity on August 26, 2022.

The following plans shall exhibit feasibility and reasonableness:

- a) Development Plan
- b) Engineering, Procurement, and Construction (EPC) Plan
- c) Fuel Supply Plan
- d) Financing Plan
- e) Risk Management Plan from development to operations
- 26.3. The Bidder shall show proof of technical capacity to develop, construct, operate and maintain the proposed power plants, if awarded the PSA, through the following:
 - a) Track record as GenCo (list of power plant projects in the last five years,
 - b) Committed site for the proposed power plant(s),
 - c) EPC arrangement, and
 - d) Fuel supply arrangement.
- 26.4. The Bidder shall show proof of financial capacity to develop, construct, operate and maintain the proposed power plants, if awarded the PSA, through the following:
 - a) Track record as GenCo (list of power plant projects in the last five years including financing scheme, i.e. debt/equity ratio and sources of financing),

- b) Audited financial statements,
 c) Letters from investors and partners of their commitment to invest in the project should the GenCo wins the Bid,
 d) Letters from lenders of their commitment or consideration to finance the project should the GenCo wins the Bid.
 - **B.** Following are our answers for other administrative matters, questions and clarifications not covered and addressed in the above provisions:

I. SUWECO

- 1. Company profile and history, including:
 - i. Current and Previous experience with financing (equity and debt) of projects of the type and size being proposed; or
- 2. Statement of the Bidder's Net Worth which must be supported by the two (2) latest Audited Financial Statements (balance sheet, income statement, and statement of cash flows)stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission together with a brief narrative highlighting the key financial performance and history, for the last five (5) years or as many as exist if less than five (5), together with supporting documents, business license number, and tax identification number among others,
- 3. Convincing evidence that the Bidder can finance the equity component of the investment such as commitment letters from investors and partners; and
- 4. Convincing evidence that Bidder has strong credit backing and can successfully arrange financing for the project such as letter from prospective project financers.

QUESTIONS:

- 1. Do we have to comply all the items listed above? the word "<u>or</u>" in item 1 caused us confusion in that section?
- 2. Is it enough for our compliance docs if we submit **only** our statement of net worth w/ supporting documents such as latest audited financial statement, and certification letter from a reputable bank indicating our strong credit bank record, and their willingness to provide or arrange credit facility for the project, in case we win the bidding activity?
- 3. In case your answer is "Yes" in our query in number 2, then is it okay if we neglect the submission of item no.1?

ANSWER:

Yes. It is clear that it is either Item 1 or Item 2 is required for submission. But it is not enough to submit only the Statement of Net Worth with supporting documents such as latest AFS and certification of strong credit bank record. Please do not forget to submit a brief narrative highlighting the key financial performance and history of your company for the last five (5) years.

II. SOLAR PHILIPPINES

- 1. SECTION 8.2 OF THE InsTB which states that:
 - "(e) Ensuring that each document submitted is satisfaction of the CSP requirements is an authentic copy of the original, complete, and all the statements and information provided therein are true and correct"
 - 1. If a government issued document (e.g. SEC, Mayor's Permit, ERC, COC, DOE Serice Contract, etc) is within the company's possession, is the Corporate Secretary allowed to issue a Certified

True Copy of a document or should it be issued by the government agency who provided the document?

ANSWER:

Yes the Corporate Secretary can issue a Certified True Copy of the required documents. But make sure that those documents are verifiable as they are still subject to verification. However, Audited Financial Statements must be duly stamped received and certified true copy by the BIR. On the other hand, Financial Ratios must be duly certified by the company's accountant and notarized to make it a legal document.

2. Regarding the three plants with a total of 16 MW DG PRP, we want to incorporate more than 1% of the required RE including BESS (Battery Energy Storage System) for each plant. With this configuration, we will generate more than what will be the actual load is requiring. Thus, will give us excess generation for each plant that can be transferred from one plant to the other plant. Using 69 KV line owned by NPC, are we going to pay the transmission wheeling charges for transferring energy to other plant for demand support and to utilize excess generation? Or it is a pass-through charge to the MARELCO customers?

ANSWER:

The connection point is fully explained in Section 3.1.7 of TOR. In case of load transfer to 69 KV lines, the Transmission Wheeling fee shall be a pass-through charge to the consumers.

3. Are we required to have a central monitoring office for the three power plants? **ANSWER**:

It is not required to have a central monitoring office. It depends on your own discretion.

4. In the on going 69 KV line construction, is there a fibre optic ground wire being laid parallel with the transmission line? If yes, can we use this as a link for the three plants for monitoring purposes? Also, is there a charge for using the fibre optic line?

ANSWER:

As regard the fibre optic ground wire, as far as we are concerned, NPC is not installing fibre optic parallel to their transmission line.

5. The Bidder shall provide three copies of the Bid, one (1) original and two (2) photocopies. The Bid shall be printed or written in black indelible ink. In the event of any discrepancy between the original and the copies, the original shall prevail"

For the original copy of the Bid, are the CTC (especially for certificates) and original documents required to be printed in black indelible ink?

For the photocopy of the original Bid, should it be printed only in black indelible ink?

ANSWER:

When we say "the Bid shall be printed or written in black or indelible ink, we are referring to the Financial Bid which must be written or printed in the Official Bid Form.

6. We have power plants under Feed In Tariff arrangement. Can we include the National Transmission Corp. in the list of our customers with power supply contract?

ANSWER:

If this concerns the production and operation of Renewable Energy and covered with an Agreement, then you may include the National Transmission Corp in your list of customers.

III. YH GREEN ENERGY

1. What is the basis and wisdom of the 5- year requirement? On the 5 years, is it the company itself or will it be okay that it is management team to have the 5 years? Please consider reduction to 3 years to promote competition and greater private sector participation in the provision adequate generation capacity.

ANSWER:

Practically, the guidelines does not provide a specific number of years of experience to qualify in the bidding. Our experiences in the past have obliged us to require said number of years to ensure that the GEnco who have already established adequate experience and expertise in power generation is selected. However, we have considered reduction of experience for Renewable Energy sources as the same is in its early stage of implementation.

For the number of years in experience, the company joining the bidding or the partner company for JV/Consortium committed to provide the requirement of the number of years of experience shall be accepted.

2. In case of Joint Venture/Partnership, is it required that the partner has the generating facility? If not required, will it suffice that the partner has plant management track required but no actual ownership generating facility? What proof is required for this?

ANSWER:

For a Joint Venture/Partnership, the party who will commit should provide the requirement. Experience and generation portfolio should not be combined or consolidated to satisfy the requirement.

3. If foreign partner, what proof is required on the years of experience and required capacity ownership for such entity as opposed to local Genco who are required to submit ERC COC, GCMR and GCIS?

ANSWER:

We will respect whatever document your foreign counterpart will submit equivalent to ERC's COC, GCMR and GCIS in the Philippines or any other document that would show their legal personality as a business entity. However, all documents to be submitted by your foreign counterpart must be duly certified or authenticated by the respective Embassy as factual documents. They must also submit contacts so that we can verify ownership among others.

4. On partnership/Joint Venture, do you require the submission of duly existing SEC Articles of Partnership or will it suffice for an unincorporated Joint Venture Agreement or any agreement indicating the partnership for this particular endeavour or any general endeavour for that matter or a Technical Agreement between parties. If yes, on the second scheme, please advise on the appropriate form of document that will be submitted.

ANSWER:

The requirements to be eligible bidder is clearly explained in Section 17.1 of Instruction to Bidders of this Bid Bulletin. You just have to be certain on what kind of business entity you are going before joining the bidding.

5. On COD which is August 26, 2022 or earlier, what is the implication of this if no PA is still issued by the ERC on the Joint Application by then?

In case there is a delay by the ERC of the approval of the PSA, will this considered as an exception in the delay of implementation since PA or Final Authority needs to be obtained in order to implement the PSA?

ANSWER:

In as much as filing of Application for the approval of PSA will be a joint effort of the Winning NPP and Marelco, we will try our best that a PA will be issued prior to COD.

IV. DMCI POWER CORPORATION:

1. Please indicate specific manufacturing year of the equipment and generating units to be considered "newly manufactured or brand new"

ANSWER:

The phrase "newly manufactured" in the Bid documents has been deleted. What left is the word "brand new". The word "brand new" means the generating units and other equipments have not been used or utilized. A Certification for that matter must be submitted by the bidder.

2. May the Bidder submit a photocopy or certified true copy of the COCs? Is it required to submit the GCIS and GCMR originally stamped received by ERC or certified true copy (CTC) of the file submitted? If CTC, who will certify, ERC or Bidder? May the Bidder submit a photocopy or certified true copy of the SEC registration?

Kindly confirm if the ASF to be submitted is only a certified true copy (CTC) or original copy stamped "received by the BOR? If CTC, who will certify, BIR or Bidder?

ANSWER:

Photocopy of documents such as COC, GCMR, GCIS, ERC registration, government permits and other required documents must be certified true copy. These documents can be certified by the Bidder and not necessarily the government agency.

However, the Audited Financial Statements must be stamped received and certified true copy by the BIR.

The Financial Ratios must be duly certified by the company's accountant and notarized.

3. May we clarify the purpose of requirement to provide the contact details of client's of EPC contractor? Is there an alternative in case there will be a confidentiality issue?

ANSWER:

For this bidding, all documents submitted pertaining to your offer/bid must at all times be verifiable to ensure that everything is in order and authentic. The EPC's clients contact details are part of the submission and must be submitted in compliance to the requirements. As regard the confidentiality issue, no one will know the contact details except the TPBAC upon opening of bids, and will use solely in verifying the veracity of the submitted documents.

(Sgd) **CARMENCITA B. GAAN** Chairperson, TPBAC