



OCCIDENTAL MINDORO ELECTRIC COOPERATIVE, INC.
SAN JOSE, OCCIDENTAL MINDORO



BID BULLETIN NO. 07

This Bid Bulletin No. 07 dated 31 October 2019 is being issued to respond to request for clarifications and to confirm key issues addressed and discussed during the Pre-Bid Conference held last 03 October 2019:

REFERENCE	QUESTIONS AND CLARIFICATIONS	TPBAC RESPONSE
	<ul style="list-style-type: none">• Are we allowed to connect to Pulang Lupa S/S considering that it is owned by OMCPD who is a private generator? If so, please clarify how this will be implemented.• Does the OMECO TPBAC require the power plants to directly tap into the identified connection points (substations) in Table 10, or is a line tap anywhere along the 69 kV transmission line allowed?• Second pong question ko 'yong about sa single line diagram na pinakita n'yo, you said that sa SAMARICA there are two connecting points, Magbay and Pulang Lupa, so it means that if the plant is connected po ba sa .. for example kasi sa single line diagram nakita na agad natin na naconnect 'don sa Pulang Lupa substation and we have to make a transmission line going to Magbay substation for that purposes?• We believe that there should also be a metering point at 69kV line since under No. 17 of the same document, the winning Bidder shall also connect to 69kV line. Please provide more details.• Are we required to have	<p>The designated locations and injection points of the power plants for Interim Demand Requirement is shown in Annex 1 and 2 of this Bid Bulletin.</p> <p>For the New Generation Capacity, the power plant location shall be on the discretion of the winning bidder. However, the winning bidder shall connect on the NPC approved connection points which at Magbay Substation for San Jose Power Plant, NPC proposed Switching station at Brgy. Malisbong for Sablayan Power Plant and Tayamaan Substation for Mamburao Power Plant. Voltage injection point shall be only at 69kV. Please refer to the attached Annex 3 and 4 of this Bid Bulletin.</p> <p>If the winning bidder will construct the Power Plant in Pulang Lupa or in any other location in San Jose, they shall also construct 69kV transmission line going to the Connection Point/Magbay Substation.</p> <p>The Metering Points or Delivery Points for the Buyer's energy consumption shall be at the 13.2kV side while the use of metering point at the 69kV side is to measure the total</p>

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	<p>separate metering facilities for both 13.2kV and 69kV?</p> <ul style="list-style-type: none"> • We understand that as per regulation the metering facility is at the injection point. Moreover, under Section 7.2.h the Seller is required to connect to both 69kV and 13.2 kV while Section 7.2.i requires the Seller to connect to the Buyer's metering point at 13.2kV. Please clarify. • ITB Section 1.5 requires that the winning bidder shall install 69kV metering facility between existing 69kV line of NPC and the winning bidder's power plant and interconnection facility. Will the 69kV metering facility requirement be a billing meter or a check meter? • Can we connect the back-up power plants to the 13.2 KV only? When the 69KV line breaks down, it will be useless to supply power in the defective system? Please note that we can also do regulation at the 13.2 KV system. • We understand that normally the metering facility is at the injection point. You mentioned that there will be separate billing meter for RE. Will the injection point be at 13.2kV or 69kV? • Per TOR item 17, Power Plant Substation/Switchyard shall connect to both 69 KV (NPC line) and 13.2 KV (OMECO Dist. Line) However, per InsTB Section 1.4 the Power Bill 	<p>generation for UC-ME claims. Please refer to the attached Single Line Diagram (Annex 2 and Annex 4 of this Bid Bulletin).</p>

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	<p>metering point must be at 13.2 kv. Also, in InsTB Section 1.5 requires that the winning bidder shall install 69kv metering facility between existing 69 kv line of NPC and the winning bidder's power plant and interconnection facility. We'd like to confirm if the intention is really to connection to both 69 kV and 13.2 kV or either.</p> <ul style="list-style-type: none"> On the question of required capacity per site for the interim solution, we inquired if the specified capacities per site are minimum requirements per site. The rationale for the query is that it will be possible, for example, to install $18 + 4 + 7 = 29\text{MW}$ (for Samarica + Sablayan + Mapsa, respectively) which actually exceeds the total capacity required but may fall marginally short on a specific site (Sablayan). The key here is to avoid over designing the solution so that excessive costs are avoided, in this case the extra MW in Sablayan. This may help lower the TCGR of the bidder. Alternatively, there may be a site(s) that critically require(s) a minimum capacity but other(s) where it is not too critical for so long as the total is 28.5MW or more. On the interim requirement, there was a schedule of 28.5, 30.5 and 32.5 over three years, right sir? So ah.. but actually two years lang naman ang interim requirement natin can we be more specific when these 	

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	<p>capacity will be required? I mean ah, nakalagay kasi don 2020, 21, 22, so kung mag 2022 three months lang afterwards tanggal na s'ya, kasi we need to have that information for proper planning. So if, if that will be given po, that will be much appreciated.</p> <ul style="list-style-type: none"> Given the limited time, can we connect the Interim Demand Requirement only at 13.2 kV only? "The winning bidder shall start to deliver and operate an interim demand requirement on 25 March 2020 either through rentals or modular generating units..." <p>Shall the interconnection point for the interim plant be at 13.2 kv distribution line only?</p> <p>Considering that DU is more knowledgeable of their system, are there specific recommended sites for interim Units?</p> <ul style="list-style-type: none"> Please clarify what is meant by connection of Plant Substation/Switchyard to both 69kV NPC and 13.2 kV OMECO Distribution lines? What is the scheme for the metering points for this since Item 18 has provided for metering points on the designated OMECO Substations. 	
	<ul style="list-style-type: none"> if genset voltage is 13.8 kV, will OMECO require power transformer for the 13.2 kV interconnection? 	<p>Yes, but the power evacuation at 13.2kV is allowed only during the interim.</p>
	<ul style="list-style-type: none"> In relation to above, will the power evacuation to 69 kV and 	<p>Yes, during interim only. Power evacuation of new generating</p>

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	13.2 kV be done simultaneously?	capacity is at 69 kV only.
TOR No. 09, Outage Allowance	<ul style="list-style-type: none"> • Since there is no outage allowance, how shall this be reconciled with the mandatory PMS of each generating units • "No outage allowance. Power Supplier shall provide 24/7 supply" How shall we consider the annual PMS of Substation and Transmission Line? Will OMECO consider outage allowance for the needed annual PMS? 	The Seller shall be allowed 16 hours annual scheduled outage allowance for each Power Plant. This scheduled outage allowance is for preventive maintenance of Power Plant substation including control system. (Bid Bulletin No. 06, Series of 2019 dated 30 October 2019).
	<ul style="list-style-type: none"> • We request clarification on whether the disallowance of any type of outages, also intend to disallow any downtime. <p>In addition, the disallowance of any outage allowance is not realistic and is prejudicial to both OMECO and the NPP for the following reasons:</p> <p>1) Unscheduled outages, like those brought about by Force Majeure events, are necessary to protect not only the generating plant, but even the power distribution system from potential damage.</p> <p>2) Outages must be allowed in emergency situations, including adverse weather conditions, where injury or loss of lives and damage to properties (e.g., through electrocution, etc.) may be prevented. Given these, we request that this item be revised.</p>	<p>The Seller shall be allowed 16 hours annual scheduled outage allowance for each Power Plant. This scheduled outage allowance is for preventive maintenance of Power Plant substation including control system.</p> <p>Both parties shall formulate protocols during emergency situation and Force Majeure.</p>
TOR No. 3 Contracted/Dependable Capacity	<ul style="list-style-type: none"> • The dependable capacity and contracted capacity must be defined separately. Contracted capacity is fixed at 42MW while 	To revise the definition of the Dependable Capacity/Guaranteed Dependable Capacity in the

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TOR No. 22 Dispatch by Utility	<p>the dependable capacity shall be equal or higher than the contracted capacity. We request the revision of this item.</p> <ul style="list-style-type: none"> The Utility should only be able to dispatch the power plant up to Contracted Capacity since it is also the limit for capacity payment. We proposed the revision of this item. 	<p>Instruction to Bidders.</p> <p>“Dependable Capacity/Guaranteed Dependable Capacity – refers to the contracted capacity of thirty-nine megawatts (39 MW).”</p>
Item 17, Page 3 of Terms of Reference	<p>What's the status of the NPC's 69 kV facilities, which locations are already connected and which are not yet connected if there are. What are the future plans of NPC on their 69kV line/facility?</p>	<p>The 69kV line in the OMECO grid was already completed. The planned switching station at Sablayan is expected to complete prior to the COD of the New Generating Capacity where the Bidder is required to connect.</p>
ITB 1, Scope of Transaction	<ul style="list-style-type: none"> Please provide more details on this proposed scheme. Kindly clarify if the back-up power plant shall be equivalent to the large power plant. If we install the 42MW in one location, what will be the total capacity of the back-up units to be installed? 	<p>If the Power Supplier put up a single large Power Plant at San Jose area, the back-up power plant of Sablayan and Mapsa shall be equivalent to required contracted capacity.</p>
ITB Clause 1.7	<p>Can we install the entire 42MW in one location only?</p>	<p>Yes, but if the Power Supplier put up a single large Power Plants at San Jose area, the bidder must install backup plants in Sablayan and Mamburao equivalent to the contracted capacity.</p>
	<p>When you mention that pupwedeng mapaaga ‘yong permanent plant, so the interim requirement can be shorten yes sir, how will that affect the evaluation of the prop, of the bid of the proponent if it’s not you know.. clear, meron po bang weighing tayo don? on the interim and the permanent?</p>	<p>We will follow the period for interim demand requirement and the new generating capacity</p>
	<p>On the question of capacity build-</p>	<p>Every 1st day of the 3rd billing</p>

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	<p>up for the interim solution. The table below was what was provided with the TOR: YEAR INTERIM DEMAND REQUIREMENT (MW) SAMARICA SABLAYAN MAPSA TOTAL 2020 17.7 4.2 6.6 28.5 2021 19.0 4.5 7.0 30.5 2022 20.3 4.7 7.5 32.5</p> <p>The interim solution, however, is to be provided for only a period of two years commencing 25 March 2020 to 25 March 2022. Can you be more specific on when OMECO would need the aggregate capacities of 30.5mw and 32.5MW? The rationale behind the request is that a schedule can help in fleet planning and deployment. A relatively big cost in the supply of modular gensets is the cost of transport. Given a clearer schedule of the capacity build-up allows a proponent to determine if it may be worthwhile to advance the installation of modular capacity to avoid additional transport/mobilization/installation cost. Again this may help a proponent lower his overall TCGR.</p>	<p>month of the year or February 25.</p>
ITB Clause 6.1 (d)	<ul style="list-style-type: none"> • What is the most recent available NPC TCGR? • The declared TCGR is higher than the most recent available NPC TCGR. What's the latest NPC TCGR? Will the comparison be based on NPC's ex-vat or in-vat TCGR? • May we therefore request that the TPBAC to be more definite by providing the Php/kw-hr AND Php/kw-month respective ceilings. This is in consideration that some of the prospective Bidders are not in a position to meet the said ceiling 	<p>The ITB Clause 6.1 (d) is to be omitted.</p>

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	<p>or making a bid offer an exercise in futility</p> <ul style="list-style-type: none"> One ground for disqualification po kasi is under ITB 6.1 'yong letter D, declared TCGR is highest than the most recent available NPC TCGR, so, we know that, based on that term of reference you stated there that the source of power is open technology, are you going to provide us a TCGR per technology? Para ma-site din po namin kasi 'yong each tariff component 'nong TCGR. Okay sige sir, need lang namin maclarify kasi 'yong sa ground for disqualification 'yong dapat hindi higher sa NPC kasi nakalagay NPC sir e. 	
	Can OMECO issue actual daily, monthly & yearly load profile for each recommended power plant location?	Yes, the data and documents are already available and you may secure during due diligence period.
	Is the RE requirement already included in the 42MW or will it be on top of the 42MW requirement?	Yes, it is included in the 39 MW.
	<ul style="list-style-type: none"> Is the RPS requirement on top of 42MW? Is the reserve/ancillary requirement on top of the 42MW? Please clarify. 	No, It is included in 39MW.
	The bunker is given no, unless you install something else, the bunker will not pass the emissions requirements and yet you actually in the bid documents you encourage it, including don sa peak load n'yo tska sa ancillaries.	The bidder has the option to what type of technology they will use as regulating, base, peaking, ancillary, and reserve.
	<ul style="list-style-type: none"> Is the N-1 requirement already 	Yes, it is included in the 39 MW.

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	included in the 42MW required capacity? We noticed that you did not mention N-1 requirement in the bidding documents.	
	Are we allowed to build power plants outside of the identified locations (San Jose, Sablayan and Mamburao)?	No.
	It was mentioned during the pre-bid conference that NPC proposed to construct a switching substation at Sablayan. May we know if there are contingency plans in case the NPPs powerplant is constructed ahead of NPC's Sablayan substation? Where will we tap on the 69KV line in such case?	The planned switching station at Sablayan is expected to complete prior to the COD of the New Generating Capacity where the Bidder is required to connect.
	What's the definition of Associated Energy? Is this similar to contracted energy or minimum energy off-take?	No, it is the projected energy requirements of the Buyer as shown in Schedule F of PSA.
TOR No. 03	What is Contracted Capacity? Is this equivalent to 42MW?	The Contracted Capacity is thirty-nine megawatts (39 MW) per revised TOR.
	<ul style="list-style-type: none"> There seems to be a mismatch between the term and its definition. The term is just an expectation but the definition is the actual event. What is the difference between NEE and Associated Energy? What is the relevance of the Net Expected Energy if the Buyer will pay the Seller based on the actual energy delivered and the Seller's tariff is based on contracted capacity and actual energy? We propose to delete the phrase "up to the Net Expected Energy level" and change it to "up to the Contracted Capacity of 42MW". 	<p>The NEE is to be omitted in the PSA.</p> <p><i>"The Associated Energy refers to the projected energy requirements of the Buyer as shown in Schedule F of PSA."</i></p>
TOR No. 06	Considering the tight deadline, availability of engine and its	The COD of the Interim Demand Requirement has been

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	<p>auxiliaries and the difficulty in securing all the necessary permits and licenses, it is suggested not to fix the date for the interim COD.</p> <p>It is too risky and difficult on the part of the seller to invest without prior ERC approval of the PSA. Example, assuming the Commission approved the PSA on 19 March 2020, how can the seller operate by 20 March 2020? Thus, it is suggested to rephrase/change this provision as follows:</p> <p>8.3.1 For the interim Demand Requirement – within six (6) months from ERC approval (provisional or final) of the PSA.</p>	<p>moved to May 25, 2020.</p>
PSA Section 9.2	<p>On the interim demand requirement, if the buyer agrees to the above suggestion this provision shall not be relevant.</p>	<p>We will maintain the provision.</p>
	<p>The total contracted capacity is 42MW, is this figure already accounts the ancillary, reserve and the RPS for Off-Grid Compliance? Or the RPS is still on top of 42MW?</p>	<p>It is included in 39MW.</p>
	<p>The procurement of the 42MW will happen for both the interim years (2020 – 2022) and contract years (2022 – 2035), this means that a total of 84MW capacity will be invested on by the developer? It also mentions that rentals for the interim period is allowed, however the next section mentioned that new generating facility is needed by 2020. Please clarify that interim period capacity may come from diesel type facilities and need not be new?</p>	<p>Please refer to Annex 1 and 3 of this Bid Bulletin.</p>
	<p>Please confirm that the 42MW is equivalent to what will be</p>	<p>39MW is contracted capacity that must be delivered by the</p>