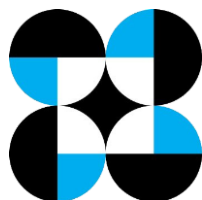


**RESPONSE TO RTEC COMMENTS**  
**SETUP CORE ☐ CEST ☒**

Project Title:	Innovative Solutions for Solid Waste Management in LGU-Victoria's Material Recovery Facility (MRF)
Beneficiary/Proponent:	LGU-Victoria
Province:	Oriental Mindoro
Amount Requested:	Php 1,968,150.00
Date of Evaluation:	April 19, 2022

RTEC Comments	Response
1. Identify the agencies that will be involved in project management and their counterparts	<i>Aside from DOST-MIMAROPA, DOST-ITDI will be tapped to provide a series of training on the utilization of the equipment and production of new product lines.</i>
2. Specify whether the additional three (3) products are for sale and whether it is intended to make a business out of this project.	<i>LGU-Victoria will not use the facility for income generation. Existing and additional waste by-products that will be produced in the facility will be utilized to support the projects of the LGU, bLGUs, and communities for their projects.</i>
3. Determine whether the production will continue after the project's completion	<i>Since the proposed additional equipment will be very useful to improve the services of the MRF, LGU-Victoria committed to continuing the operation of the facility using the additional equipment. An annual fund will be allocated by LGU-Victoria for the maintenance of all the production equipment of the facility.</i>
4. Show if they were generating revenue before the intervention and where the profit goes.	<i>Since the facility is managed by the LGU, all the waste by-products are made available to the communities for free which are commonly used as raw materials for their livelihood projects.</i>
5. Provide tangible data on how much income is generated from each product, such as organic fertilizer, as well as income generated from each type of waste.	<i>The project is not intended for income generation however, the expected volume and value of production after the intervention is provided in the revised project proposal (see project proposal: Expected Outcomes, page 4) to illustrate the income that can be generated for each type of waste by-products if made for sale.</i>
6. Provide a financial analysis demonstrating that the project's generated income will cover the expenses	<i>See revised project proposal: Expected Outcomes (pages 3-4). Each waste by-product was given value to illustrate the expected income that can be generated if the products are intended for sale.</i>
7. Provide a concrete sustainability model.	<i>See revised project proposal: Sustainability Plan (page 5)</i>
8. Provide tangible data on how much waste is processed in a day, how much is organic or inorganic, and how much is left over that needs to be processed.	<i>Included in the revised project proposal rationale (pages 1 to 2)</i>

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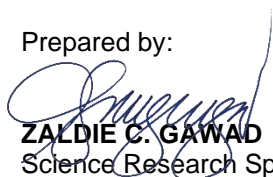
Republic of the Philippines  
**DEPARTMENT OF SCIENCE AND TECHNOLOGY**  
**Oriental Mindoro Provincial S&T Center**

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9. Create an ROI model for what we are investing in based on the volume of products produced.	<i>See revised project proposal: Expected Outcomes (ROI Model, page 4)</i>
10. With the high production, perhaps the client can capture methane from the organics and use it to generate electricity.	<i>One of the long-term plans of LGU-Victoria is to establish a Biogas Digester in the MRF that will contain produced methane gas and convert it into a renewable energy source.</i>
11. The shredding and compacting of wastes are a separate industry from the conversion of these materials into a product. There will be a need for additional personnel because the workload will be overwhelming	<i>Upon the approval of the project, LGU-Victoria will hire two (2) additional employees proportionate to the increase in workload. Newly hired employees will be assigned to operate the additional equipment.</i>
12. Clarify the project's actual plan, such as whether it is solely for eco-property or if a potential adopter of the technology will be involved later.	<i>Since there is no other organization in the municipality that is capable to establish and operate this type of facility, LGU-Victoria's MRF will remain the sole facility to cater to the waste management services in the locality.</i>

Prepared by:

  
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Noted by:

  
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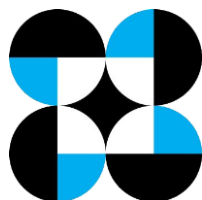
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RESPONSE TO RO's COMMENTS  
SETUP CORE ☐ CEST ☒

Project Title:	Innovative Solutions for Solid Waste Management in LGU-Victoria's Material Recovery Facility (MRF)
Beneficiary/Proponent:	LGU-Victoria
Province:	Oriental Mindoro
Amount Requested:	Php 1,968,150.00
Date of Evaluation:	April 19, 2022

RTEC Comments	Response
<ul style="list-style-type: none"><li>• Meron ba na other related investments required from the LGU like bldg/infra for this additional component equipment for the MRF? And what is the readiness status of this?</li></ul>	<i>Yes, the LGU-Victoria has already an MRF Land and Building for the project and will provide funds for the salaries of workers and other operating expenses; It will also provide 1 set of 100 kVA Transformer in support of the equipment to be provided by DOST-MIMAROPA.</i>
<ul style="list-style-type: none"><li>• Conflicting ang responses sa 2nd and 6th points in the RTEC comments, if whether the by-products of the facility would be for income generation or not?</li></ul>	<i>The by-product of the facility is not intended for income generation of the LGU but intended to support the projects of the LGU, bLGUs, and communities. The by-products were given value only to illustrate the expected income the communities and bLGUs can get if they intend to sell the products.</i>
<ul style="list-style-type: none"><li>• In the sustainability plan, aside from the annual fund to be provided by the LGU for the operational expense of the facility, it would be good to define strategies e.g. conduct of WACS, define assessment criteria for the facility, etc. (Pls see attachment of ADB MRF Tool Kit)</li></ul>	<i>This is noted. The LGU is already practicing conducting waste characterization studies (WACS) in determining the amount of each material the facility must process and store and the number of residuals that must be disposed of or subjected to further processing.</i>
<ul style="list-style-type: none"><li>• Iyon bang plastic densifier na kailangan ay ITDI-developed dapat? Kung kailangan ay ITDI-developed, please specify in the LIB.</li></ul>	<i>Yes, the 1-unit Plastic/Styro Densifier should be ITDI-developed and is noted to be specified in the LIB.</i>
<ul style="list-style-type: none"><li>• Include in the LGU's part in the Project Management of this proposal the LGU's responsibility to provide space, maintain and safe keep the equipment we are going to provide.</li></ul>	<i>This is noted and to be complied with by the LGU-Victoria.</i>

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