



RESPONSE TO RTEC COMMENTS
SETUP CORE ☐ NON-CORE ☒

Project Title:	Development of Thermally Processed Rice-Based Products for the Mobile Modular Food Processing Facility - Retort Module
Proponent:	DOST-MIMAROPA
Province:	Oriental Mindoro
Amount Requested:	PHP1,929,394.00
Date of Evaluation:	September 19, 2023

RTEC Comments	Response
1. Identify the products that will be produced and determine their shelf-life	<i>Rice-based products will be developed from the project, particularly RTE arroz caldo – shrimp, mussels, and mushrooms. Shelf life will be determined through laboratory analysis after product standardization and process optimization.</i>
2. Compute for the production cost	<i>The production cost is estimated at Php2,650.00 per batch inclusive of all manufacturing and overhead costs, and raw materials. Output per batch is expected to be around 60-70 pouches of 250g RTE arroz caldo.</i>
3. Determine the electricity requirement for this	<i>The electric requirements may range from 0.4 to 0.5 kWh per run. Electric consumption is included in the production cost. Considering the three target formulations, for 20 runs per formulation, the electric requirements may range from 24 to 30 kWh.</i>
4. Include possible technology adopters	<i>One of the possible adopters of the technology is the Provincial Government of Oriental Mindoro-Provincial Agriculture Office since they will be the beneficiaries of the Mobile Modular Food Processing Facility-Retort Module. Also, angles are being looked at to offer the product to other manufacturers of rice-based products in the region.</i>

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"Hatid ay makabagong solusyon!"