

**Table S1. Breakdown of Capital Outlay**

<b>PARTICULARS</b>	<b>VALUE (PHP)</b>
Renovation and Retrofitting	3,000,000
Solar Power System	6,000,000
<b>Subtotal</b>	<b>9,000,000</b>
IEC and materials	1,000,000
Capacity Building Training of Operators	300,000
<b>Subtotal</b>	<b>1,300,000</b>
Loading Conveyor	750,000
Waste-Bag Opener	3,150,000
Multipurpose Shredder Machine	2,350,000
Rapid Composting Machine	8,500,000
Volume Reduction Machine	8,500,000
Bottle & Glass Crusher	750,000
Hydraulic Brick-Making Machine	2,600,000
Concrete Mixer	650,000
Conveyor from Waste Bag to Trommel	650,000
Rotary Screen Trommel Assembly	3,750,000
Sorting Line Conveyor	2,250,000
Hydraulic Press	1,650,000
<b>Subtotal</b>	<b>35,550,000</b>
<b>TOTAL w/o contingency</b>	<b>45,850,000</b>
Contingency Fund	2,292,500
<b>Subtotal</b>	<b>2,292,500</b>
<b>TOTAL</b>	<b>48,142,500</b>

**Table S2. Annual Operational Costs of Proposed IWMTS**

<b>PARTICULARS</b>	<b>VALUE (PHP)</b>	<b>ASSUMPTIONS</b>	<b>REMARKS</b>
<b>Utilities</b>			
Water Expenses	12,000	PHP 1,000 per month	Based on the quantity produced by liquid fertilizer and expenses for the entire facility
<b>Subtotal (utilities)</b>	<b>12,000</b>		
<b>Labor</b>			
Lab Technician	168,000	PHP 14,000 per month	
Operator (12)	1,152,000	PHP 8,000 per month	
Checker	96,000		
Utility Workers (2)	192,000		
Security (3)	540,000		
<b>Subtotal (labor)</b>	<b>2,148,000</b>		
<b>Packaging and other Materials</b>			
Plastic containers and sacks	1,167,400		To be used for distribution of briquettes and fertilizers (solid and liquid) to beneficiaries
<b>Subtotal (packaging, other materials)</b>	<b>1,167,400</b>		
<b>Maintenance</b>			
Maintenance	195,000	PHP 48,750 per quarter	
<b>Subtotal (maintenance)</b>	<b>195,000</b>		
<b>TOTAL w/o contingency 3,522,400</b>			
<b>Miscellaneous</b>			
Contingency Fund	176,120		5% of overall annual cost
<b>Subtotal</b>	<b>176,120</b>		
<b>TOTAL</b>	<b>3,698,520</b>		

**Table S3. Expected Revenues from IWMTS**

<b>PARTICULARS</b>	<b>UNIT</b>	<b>UNIT PRICE</b>	<b>QUANTITY PRODUCED PER DAY*</b>	<b>ANNUAL REVENUE</b>
PET	bottles	10	1,000	2,600,000
Tin can (from Shredder/Press)	kilograms	3	1,000	780,000
Plastics (HDPE, LDPE)	kilograms	5	1,000	1,300,000
Eco-Bricks	pieces	15	500	1,950,000
Briquettes	kilograms	20	250	1,300,000
Liquid Fertilizer	liters	100	500	2,600,000
Solid Fertilizer	sacks	200	140	1,456,000
<b>TOTAL</b>				<b>11,986,000</b>
*capacity per day divided by two, assuming an average supply of waste as estimated from the MSWMP (2015-2024)				