### Part I. General Information

<table>
<thead>
<tr>
<th>Unit, Department or Program:</th>
<th>Natural Science Dept./ Plant Biotechnology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of request:</td>
<td>11/8/10</td>
</tr>
<tr>
<td>Date required:</td>
<td>Fall 2011</td>
</tr>
<tr>
<td>Start date:</td>
<td>Fall 2011</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Type of request:</th>
<th>Resources requested:</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Health and safety</td>
<td>Positions BMGC technician</td>
<td>$35,000</td>
</tr>
<tr>
<td>Program improvement x</td>
<td>Equipment</td>
<td></td>
</tr>
<tr>
<td>New program x</td>
<td>Operating</td>
<td></td>
</tr>
<tr>
<td>Facilities, R&amp;M</td>
<td>Other 1</td>
<td></td>
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<tr>
<td>Other</td>
<td>Other 2</td>
<td></td>
</tr>
<tr>
<td>Alignment with Strategic Plan:</td>
<td>UH Strategic Outcome # 2, 4, 5</td>
<td>Total  $35,000</td>
</tr>
<tr>
<td>(WCC action outcomes: 2.1, 2.5 – 2.8, 4.1, 4.3, 4.5 – 4.8, 5.4)</td>
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### Part II. Narrative - Description and Rationale (do not exceed space provided)

**Why is this request important? (what are the most important reasons for this request)**

The Bioprocessing Medicinal Garden Complex (BMGC) consists of 3 subfacilities (the medicinal garden, the aquaponic system, and the bioprocessing facility), which require maintenance by a special BMGC Technician. The medicinal garden and the aquaponic system need to be weeded (by hand), mulched, tilled, watered and replanted constantly to keep up with fast growing weeds, and to maintain healthy growth of plants in an organic growth environment. The lab equipment and the room in the bioprocessing facility are also needs to be serviced and maintained in working order.

**Descriptive Summary of the Request (provide a summary of the resource request)**

The medicinal garden is fully utilized by K-12 and WCC botany and agriculture students for their field practicum and lab research, and also by community members to learn medicinal & nutritious plants. The BMGC has educated more than 5000 people since its grand opening in Summer 2007.

**Rationale for Request (how will the request benefit the unit, department, program or institution;**

The BMGC is one of the four facilities required to support the Plant Biotechnology, and the Ethnopharmacognosy programs at Windward Community College.

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**Part III. Evaluation**

<table>
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<tr>
<th>Notes</th>
<th>Rating (1-5)</th>
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