Bukit Botak: Type C

Panel Name (Panel Area) - 1 Unit

<table>
<thead>
<tr>
<th>Panel Name</th>
<th>Panel Width (m)</th>
<th>Panel Height (m)</th>
<th>Panel Area (m²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. 1L&gt;R</td>
<td>3.43</td>
<td>3.05</td>
<td>10.462</td>
</tr>
<tr>
<td>2. 2L</td>
<td>3.505</td>
<td>2.725</td>
<td>9.551</td>
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<tr>
<td>3. 3L</td>
<td>3.155</td>
<td>2.725</td>
<td>5.872</td>
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<tr>
<td>4. 4L</td>
<td>0.946</td>
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<td>2.578</td>
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<tr>
<td>5. 5L</td>
<td>3.43</td>
<td>2.775</td>
<td>9.518</td>
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<tr>
<td>6. 6L</td>
<td>1.6</td>
<td>2.725</td>
<td>4.360</td>
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<td>7. 7L</td>
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<td>7.330</td>
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<tr>
<td>8. 8L&gt;R</td>
<td>3.2</td>
<td>3.05</td>
<td>9.760</td>
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<td>9. 9L</td>
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<td>8.420</td>
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<td>10. 10L</td>
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<td>2.725</td>
<td>8.720</td>
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<td>11. 11L</td>
<td>2.755</td>
<td>2.725</td>
<td>7.507</td>
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<td>12. 12L&gt;R</td>
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<td>3.05</td>
<td>12.505</td>
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<td>13. 13L</td>
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<td>8.829</td>
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<td>14. 14L</td>
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<td>15. 15L</td>
<td>2.755</td>
<td>2.725</td>
<td>7.507</td>
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<td>16. 16L</td>
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<td>17. 17L</td>
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<td>7.303</td>
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<td>18. 18L&gt;R</td>
<td>2.525</td>
<td>2.525</td>
<td>6.376</td>
</tr>
</tbody>
</table>

Total: 143.058 m²

Capacity, Maximum Panel Height 4.1m

Panel Size (Per Pcs) = 3 m² x 3 m² = 9 m²

Panel Qty (43 Pcs Per Bay) = 9 m² x 43 = 387 m²

Casting Bay (3 Bay) = 387 m² x 3 = 1161 m²

Working Day (22 Day Per Month) = 1161 m² x 22 = 25,542 m²

Working Day (12 month Per Year) = 25,542 m² x 12 = 306,504 m²

Bukit Botak: Type C (84 m²/904.14 sq ft)

** 306,504m² / 143.058 m² = 2142.515 unit

2142.515 unit / 12 months = 178.542 unit

178.542 unit / 22 days = 8.115 unit
Production of Rasa Factory

Rasa Factory: Casting Area (Bay Yard)

Rasa Factory: Storage Area (Storage Yard)

Rasa Factory: Bay Yard
Precast Panel System ~ 100mm thick Wall Panel: For Single Storey

100mm thick Precast Panel

Using 100mm thick Precast Panel wall allow for bigger space = 1.65%

Brief Note (Terms & Conditions):

1. The comparison are based on information below:
   - Conventional: Original
     a) Architectural Drawings
     b) Structural Drawings
     c) Contract BQ
     2D
   - Alternative: IBS
     a) Architectural Drawings
     b) Structural Drawings
     c) BQ
     3D

2. The Comparison Analysis based on material rate (October 2006) including 5% wastage.

3. The Preparation of Design & Drawing for System Precast Panel (convert from 2D to 3D drawing) required 2 month with Original Architectural & Structural Drawings provided.

4. The Construction of beam & floor slab are based on conventional method (System Formwork).

5. The cost per m² for 100mm thick panel walls as below:
   - Supply only = RM 130.00/m² (wall area including opening)
   - Supply & Install = RM 140.00/m² (wall area including opening & Column Joint)

6. The Panel cost per m² Excluding the below items:
   a) System moulding
   b) M&E work (e.g. ducting, conduit, pipe)
   c) Consultant Design Fee
   d) Transportation of Panel delivery from Factory to Project Site.
   e) Door and Window frame installation cost.

7. The cost for Transportation of panel delivery from Factory to Project Site is RM 35.00/m² (within Selangor).

8. All design panel reinforcement not more than 60kg per m².

9. All design panel wall height: maximum 4.1m Height.
Brief Note (Terms & Conditions):

1. The comparison are based on information below:
   - Conventional: Original
     - Architectural Drawings (2D)
     - Structural Drawings
     - Contract BQ
   - Alternative: 3D
     - Architectural Drawings
     - Structural Drawings (3D)
   - BQ

2. The comparison analysis based on material rate (October 2008) including 5% wastage.

3. The preparation of design & drawing for system precast panel (converted from 2D to 3D drawing) required 2 months with original architectural & structural drawings provided.

4. The construction of beam & floor slab are based on conventional method (System Formwork).

5. The cost per m² for 120mm thick panel wall as below:
   - Supply only = RM 180.00/m² (wall area including opening)
   - Supply & Install = RM 190.00/m² (wall area including opening & Column Joint)

6. The panel cost per m² (excluding the below items):
   - a) System moulding
   - b) M&E work (e.g., ducting, conduit, pipe)
   - c) Consultant Design Fee
   - d) Transportation of panel delivery from Factory to Project Site
   - e) Door and Window frame installation cost.

7. The cost for transportation of panel delivery from Factory to Project Site is RM 35.00 per tonne (within Selangor).

8. All design panel reinforcement not more than 60kg per m³.

9. All design panel wall height: maximum 4.1m Height.