## Evaluation Matrix Template

Instructions: Fill in the first column with five functions your group agrees are absolutely necessary for your concept solution to have in order to solve the problem. Then assign a weight to each function, making sure all the weights add up to $100 \%$. Evaluate the function of each concept idea with a score from 1 to 10 , with 10 being the highest, based on how well your concept idea meets the function. Once the chart is completely filled in, add up all the evaluation scores and circle the concept with the highest score. This becomes your final solution.

| 5 key FUNCTIONS our solution MUST try to meet | Weight | Concept 1: |  | Concept 2: |  | Concept 3: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Score | Weight * Score | Score | Weight * Score | Score | Weight * Score |
| 1 \% |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 2 $\%$ |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 3 $\%$ |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| $4 \times$ |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 5 $\%$ |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Totals | = 100\% |  |  |  |  |  |  |

