

## Bottom up Cost Estimate

By

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PMGT 690

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by

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Worldwide  
Online Campus  
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| Line Item |                           | FY 16-17 Baseline |            |          |              |        |             |
|-----------|---------------------------|-------------------|------------|----------|--------------|--------|-------------|
|           |                           | Labor (\$)        | Labor (hr) | Material | Subcontracts | Other  | FY Total    |
| 1.1       | Project Management        | \$616.00          | 40.00      | \$0.00   | \$0.00       | \$0.00 | \$ 616.00   |
| 1.1.1     | Project Initiation        | \$154.00          | 10.00      |          |              |        |             |
| 1.1.2     | Project Monitoring        | \$308.00          | 20.00      |          |              |        |             |
| 1.1.3     | Project Closing           | \$154.00          | 10.00      |          |              |        |             |
| 1.2       | Integration               | \$1,540.00        | 100.00     | \$0.00   | \$0.00       | \$0.00 | \$ 1,540.00 |
| 1.2.1     | Concept                   | \$616.00          | 40.00      |          |              |        |             |
| 1.2.2     | Design                    | \$616.00          | 40.00      |          |              |        |             |
| 1.2.3     | Testing                   | \$308.00          | 20.00      |          |              |        |             |
| 1.3       | Frame Set                 | \$24.00           | 2.00       | \$570.00 | \$0.00       | \$0.00 | \$ 594.00   |
| 1.3.1     | Frame                     | \$6.00            | 0.50       | \$400.00 |              |        |             |
| 1.3.2     | Handlebar                 | \$6.00            | 0.50       | \$75.00  |              |        |             |
| 1.3.3     | Fork                      | \$6.00            | 0.50       |          |              |        |             |
| 1.3.4     | Seat                      | \$6.00            | 0.50       | \$95.00  |              |        |             |
| 1.4       | Crank Set                 | \$12.00           | 1.00       | \$451.00 | \$0.00       | \$0.00 | \$ 463.00   |
| 1.4.1     | Components                | \$4.80            | 0.40       |          |              |        |             |
| 1.4.2     | Crankset                  | \$4.80            | 0.40       | \$451.00 |              |        |             |
| 1.4.3     | Pedals                    | \$2.40            | 0.20       |          |              |        |             |
| 1.5       | Wheels                    | \$10.80           | 0.90       | \$265.81 | \$0.00       | \$0.00 | \$ 276.61   |
| 1.5.1     | Front wheel               | \$2.40            | 0.20       | \$79.55  |              |        |             |
| 1.5.2     | Rear wheel                | \$2.40            | 0.20       | \$79.55  |              |        |             |
| 1.9.2     | Training wheels           | \$3.00            | 0.25       | \$106.71 |              |        |             |
| 1.9.3     | Adjusting training wheels | \$3.00            | 0.25       |          |              |        |             |
| 1.6       | Braking System            | \$24.00           | 2.00       | \$29.99  | \$0.00       | \$0.00 | \$ 53.99    |
| 1.6.1     | Brake cable               | \$6.00            | 0.50       | \$29.99  |              |        |             |
| 1.6.2     | Brake lever               | \$6.00            | 0.50       |          |              |        |             |
| 1.6.3     | Brake pad                 | \$6.00            | 0.50       |          |              |        |             |
| 1.6.4     | Adjusted brake set        | \$6.00            | 0.50       |          |              |        |             |
| 1.7       | Shifting System           | \$27.00           | 2.25       | \$179.94 | \$0.00       | \$0.00 | \$ 206.94   |
| 1.7.1     | Right controller          | \$6.00            | 0.50       | \$29.99  |              |        |             |
| 1.7.2     | Left controller           | \$6.00            | 0.50       | \$29.99  |              |        |             |
| 1.7.3     | Front derailleur          | \$6.00            | 0.50       | \$29.99  |              |        |             |

BOTTOM UP ESTIMATE

4

|       |                 |        |      |         |  |  |  |
|-------|-----------------|--------|------|---------|--|--|--|
| 1.7.4 | Read derailleur | \$6.00 | 0.50 | \$29.99 |  |  |  |
| 1.7.5 | Front cable     | \$3.00 | 0.25 | \$29.99 |  |  |  |
| 1.7.6 | Rear cable      | \$3.00 | 0.25 | \$29.99 |  |  |  |
|       |                 |        |      |         |  |  |  |

|       |                            |         |      |         |        |        |         |
|-------|----------------------------|---------|------|---------|--------|--------|---------|
| 1.8   | Smartphone Docking Station | \$21.00 | 1.75 | \$50.00 | \$0.00 | \$0.00 | \$71.00 |
| 1.8.1 | Mounting base              | \$3.00  | 0.25 |         |        |        |         |
| 1.8.2 | Connector port             | \$3.00  | 0.25 |         |        |        |         |
| 1.8.3 | Speakers                   | \$3.00  | 0.25 | \$50.00 |        |        |         |
| 1.8.4 | Wiring                     | \$12.00 | 1.00 |         |        |        |         |

Total

\$  
3,821.54