Approved Change Request
from PMGT614

by
Troy Stempfley

Embry-Riddle Aeronautical University Worldwide
PMGT690
July 5, 2017
Approved Change Request

by

Group 4
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Ronald Howze
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A Paper
Submitted to ERAU Worldwide
in Partial Fulfillment of the Requirements of the
Master Science Degree Course
PMGT 614

Embry-Riddle Aeronautical University
Worldwide
Online Campus
November 2016
### Group 3 Change Control Log

<table>
<thead>
<tr>
<th>CR #</th>
<th>Description</th>
<th>Date Requested</th>
<th>Decision (Y/N)</th>
<th>Date Authorized</th>
<th>Approved by</th>
<th>Imp. Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Schedule compression</td>
<td>11/11/16</td>
<td>Y</td>
<td>11/13/16</td>
<td>M. Villegas</td>
<td>11/14/16</td>
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**Name of Project: Bicycle Build**

**Change Request #: 1**

**Change Requested By: T Stempfley**

**Project Manager: M. Villegas**

**Change Request Date: 11/11/16**

**Current Project Phase: Integration**

**Description of Change:**

The original completion date was December 28\(^{th}\), 2016. The change described herein would compress the schedule and make the completion date November 23\(^{th}\), 2016.

The customer requested the project be completed early to reduce cost and make the product available for Christmas. To reach an early completion the project was crashed (the critical path, “Integration”, was reduced by 35 days). By incorporating the build as part of the Integration Process

**Scope Impact:**

Reduce the innovation time, focusing on ergonomic of incorporating the smart phone adaptation vs overall bicycle design.

**Schedule Impact:**

The change will impact the schedule, scope, and overall cost. Integrating the “Integration assembly” as the building of the bicycle reduces overall project time by 210 hours. The rest of the project schedule will follow accordingly with the same comparative start date but the new completion date will be November 23\(^{th}\), 2016.

**Cost Impact:**

The EAC for this project before the requested compression is $35,799.92. The revised EAC would be $9,039.92

The new PM costs will be $5880 vs $29,400; the concept and design costs are reduced from $4620 to $1380 and we eliminated $1920 cost for “Integration assembly” by using the actual build as the assembly portion.

**Quality Impact:**

Preexisting quality standards remain in place.

**Possible Risks:**

Negative risk(s): minimal; our bicycle design is already superior

Positive risk(s): higher sales potential from getting the product out before the holidays

the reduced overall cost of the project
<table>
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<tr>
<th>Reviewed By:</th>
<th>Position:</th>
<th>Date: 11/11/16</th>
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<tbody>
<tr>
<td>Project Team</td>
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Recommended Action Approve or Reject?  APPROVE digital sign//Mary Villegas//11/13/16