

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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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

CR #	Description	Date Requested	Decision (Y/N)	Date Authorized	Approved by	Imp. Date
1	Schedule compression	11/11/16	Y	11/13/16	M. Villegas	11/14/16

Name of Project: Bicycle Build	Project Manager: M. Villegas
Change Request #: 1	Change Request Date: 11/11/16
Change Requested By: Name: T Stempfley	Current Project Phase: Integration
Description of Change: <p>The original completion date was December 28th, 2016. The change described herein would compress the schedule and make the completion date November 23th, 2016.</p> <p>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</p>	
Scope Impact: <p>Reduce the innovation time, focusing on ergonomic of incorporating the smart phone adaptation vs overall bicycle design.</p>	
Schedule Impact: <p>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 23th, 2016.</p>	
Cost Impact: <p>The EAC for this project before the requested compression is \$35,799.92. The revised EAC would be \$9,039.92</p> <p>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.</p>	
Quality Impact: <p>Preexisting quality standards remain in place.</p>	
Possible Risks: <p>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</p>	

Reviewed By: Project Team	Position:	Date: 11/11/16
Recommended Action Approve or Reject?	APPROVE digital sign//Mary Villegas//11/13/16	