WBS Dictionary

By

Chris Goff

For

Embry Riddle Aeronautical University

|  |  |
| --- | --- |
| **WBS Detailed Dictionary** | |
| **WBS Element No./Name:** *1.5 Shifting System* | **Date:** 04/09/2017 |
| **Author/Organization:** Team 7 | |
| **Email Address: team7@gmail.com** | **Phone:** 555 – 58 - 6655 |
| **Estimate Summary:** (Fill out using data from attached detailed worksheet)  Labor $50.00  Travel $0.00  Material $40.00  Subcontracts $450.00  ODC $0.00  **Total $540.00** | |
| **WBS Element Description:**  The shifting system will be specific to customer needs, including a derailleur and shift lever of stainless steel, with a unique design that stands out from competitors, and that is compatible with crank set speed requirements. The shifting system parts will be of the top racing quality, while also adhering to the requirements of Crazy-As-A-Loon Mountain Racing Association. | |
| **Activity/Task Descriptions:**   1. Subcontract the work out for someone to design the derailleur and shift lever to meet design and color requirements by 3/31/17. 2. Approve design by 04/05/2017 and have derailleur and shift lever constructed by 4/10/17, with expected delivery of 4/15/17. 3. Order the cable and have it delivered no later than 4/15/17. 4. Inspect all parts on 04/16/17. 5. Attach the cable to the shift lever using metal fasteners, and extend it to the front and rear derailleurs, thus creating the shifting system by 04/17/2017. | |
| **Key Cost-Driving Assumptions:**  Cost-Driving Assumptions for the shifting system include the subcontract for the design and construction of derailleur and shift lever, the shipping costs for all of the materials, and the labor costs to put the materials together. | |
| **Task Entry/Exit Criteria:**  This WBS activity can begin as soon as the project beings and is complete once the shifting system is assembled. | |

Reference:

PMI. (2013). A Guide to the Project Management body of knowledge (POMBOK guide), (5th

edition). Project Management Institute, Inc. Newtown Square, Pennsylvania. ISBN 978-1-

935589-67-9