**MUSE Basis of Estimate**

**Element WBS #9**

I. General Information

Task Name: Labor for Installation/Running

Unique ID Number

Date of Estimate: December 17, 2015 (last update)

Estimate Generator: R Gilman, R. Ransome

Cost Category:

 M&S

 X SWF

Comments: Because of potential insurance / health care issues, it is desirable to subcontract hiring of the postdoc through PSI. This is not expected to have large impact on the costs, since while the salary scale is higher, the cost of benefits is significantly reduced.

Vendor Quote Number if Applicable\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Drawing Reference Number or Attachment:

Costing Method: Cost based on known post-doc costs

Total Task Cost: $282,212

Total Contingency: $16,933

II. Cost Estimate Breakdown

Cost of each element, along with justification

We plan to have one post-doc in residence during the entire period. Due to the high cost of living in Switzerland, we plan for a salary of $80,000/year for the first year, with 2% increases annually. Fringe is 38.6%. F&A is 26%. Total cost is $282,212.

III. Contingency and risk analysis

The cost is well determined, so we anticipate a contingency of 6% to cover unusually high currency fluctuations. Total contingency is $16,933.

