**MUSE Basis of Estimate**

**Element WBS #1**

I. General Information

Task Name: Support Table

Unique ID Number

Date of Estimate: 3/20/14 (last update)

Estimate Generator: Gilman,Ransome

Cost Category:

X M&S

XSWF

Comments:

Vendor Quote Number if Applicable:

Drawing Reference Number or Attachment:

Costing Method: Past experience similar systems

Total Task Cost: $36,861 (w/o contingency)

Total Contingency: $8478

II. Cost Estimate Breakdown

Cost of each element, along with justification

Table rotary bearings $3355, from quote to Argonne in planning stage

Extrusions for frame: $4000, physicist estimate

Machine donuts and table: $7000, physicist estimate

Thomson rails: $2100, physicist estimate

Machine extrusions and assemble table: $4800 physicist estimate

Ship to PSI: $8000 physicist estimate

Total: $29,255 F&A $7606 combined total $36,861

III. Contingency and risk analysis

This WBS consists of non-complex technical items that are sketched out. There is very little schedule or technical risk. The same contingency is applied to all items. Contingency is $8478



