**MUSE Basis of Estimate**

**Travel for USC Group WBS 7**

I. General Information

Task Name: Travel for USC Group

Unique ID Number

Date of Estimate: 01/18/2014

Estimate Generator: Steffen Strauch

Cost Category:

 X M&S

 SWF

Comments:

Vendor Quote Number if Applicable:

Drawing Reference Number or Attachment:

Costing Method: estimate based on actual expenses in 2012-2013

Total Task Cost: $136,937

Total Contingency: $15,063

II. Cost Estimate Breakdown

Cost of each element, along with justification

|  |  |
| --- | --- |
| Flight + local transport/person | $1,500 |
| Lodging/person/day | $100 |
| Meals/person/day | $60 |
| Visa | $100 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Item** | **QTY** | **Description** | **Days** | **Unit Price USD** | **Total Price USD** |
| 1 | 2 | Detector installation and commissioning | 31 | $6,560 | $13,120 |
| 2 | 4 | Collaboration meetings | 6 | $2,460 | $9,840 |
| 3 | 4 | Expert | 31 | $6,560 | $26,240 |
| 4 | 14 | Two-week experiment shifts | 14 | $3,840 | $53,760 |
|  |  | **Sub total** |  |  | **$102,960** |
|  |  | Indirect cost |  | 33% | $33,977 |
|  |  | **Total** |  |  | **$136,937** |

III. Contingency and risk analysis

Use the table on the last page to estimate risks.



IV. Time Estimates and contingency on time

Time estimate is (optimistic+pessimistic+4\*most-likely)/6.

Sigma is (pessimistic-optimistic)/6.

Be sure to indicate if work days or calendar days.

Comments: No estimate yet.

