Sample Budget Justification with Cost Sharing

Title: UW Research Project

Project Period 10/1/13 to 9/30/18

Budget Period 10/1/13 to 9/30/14

Senior Personnel:

There is one primary investigator and two co-investigators:

Dr. Francis Connor, Assistant Professor, will be the principal investigator leading the research. The PI is on a 9-month academic year appointment at $63,000 and requests two months of summer salary ($14,000).

Dr. Bob Davis, Associate Professor, is a Co-PI and will assist in the project. He is also on a 9-month academic year appointment at $72,000 and requests 1.25 months of summer salary ($10,000).

Dr. Janet Ling, Associate Professor, is the second PI. She is on a 12 month-calendar year appointment at $72,000 and requests 2 months’ salary ($12,000).

Other Personnel:

Ms. Julie Strong, a full time research technician on staff, will devote 50% of her time to this project ($16,000) to prepare samples for analysis and record results.

Support is requested for one graduate student at $12,000 (name, TBD). The student will collect samples under supervision of the PI and Co-PIs.

Consultant Services

Dr. Walter Phillips, chief scientist for MMC Systems, Inc. will act as a consultant in the interpretation of certain sample analysis results. His rate is $300 per day for 5 days plus an estimated $1,000 in travel costs.

Printing
Printing costs are estimated at $800 for journal page charges and $700 for the production of 30 copies of a final report as required by the sponsor.

**Travel**

The PI and Co-PIs will travel to two technical conferences at an estimated cost of $1,000 per conference. The project will need $2,000 for local travel by graduate students and faculty for sample connection (auto mileage and meal allowances).

$1,500 is budgeted for the PI to travel to an international conference to present research results.

**Supplies & Materials**

Total request of $9,500 is based on estimates of $4,500 for consumable lab supplies, $3,500 for chemicals for sample analysis and $1,500 for specialized sample containers.

**Equipment**

Support is requested to purchase a single-axis cryogenic piezo actuator to be used exclusively on this project. The catalog price quoted by the manufacturer for this item is $15,000.

**Retirement and Benefits**

Fringe benefits are calculated at 26.9% of salary for PI and Co-PIs, 37.7% for the research tech and 14.2% for the graduate students; as set forth in the rate agreement with DHHS dated September 22, 2011.

**Student Aid**

Support for graduate student tuition is requested in the amount of ($18,893). This $4723 X 4 quarters of tuition. It is the policy of the University of Washington that sponsored projects pay the tuition of the graduate student supported by the project.

**Subcontracts**

Dr. Marilyn Johnson of Azalea University will provide specialized statistical analysis work in connection with final completion of project data ($5,000).

Sample collection analysis for the control group will be performed at Cedar College under the supervision of Dr. Albert Murray ($35,000).

**Facilities and Administrative Costs**

F&A costs of $97,239 are based upon the University’s approved F&A rate of 54.5% of the MTDC base of $178,420 (total direct costs less $15,000 for equipment, $18,892 for tuition and $10,000 for Cedar College subcontract costs over $25,000). This is per agreement with DHHS dated September 22, 2011.

**COST SHARING**
Cost sharing of $70,582 (20% of $334,551 sponsor request) will be provided as follows:

The PI and both Co-PIs will devote time to the project during the academic year: 2 months for Dr. Connor ($14,000), 1.25 months for Dr. Davis ($10,000) and 2 months for Dr. Ling ($12,000) with the addition of fringe benefits at 26.9% ($9,684)

Applicable F&A costs ($24,898) at 54.5% of salary and fringe.

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