

SUPPORT FOR EMPLOYEE REQUEST

EMPLOYEE:

Yichi Lu

RATE:**PERIOD OF PERFORMANCE:**

September 13, 1999 through December 31, 1999

STATEMENT OF WORK:

Dr Lu will provide support to the PA element in developing and refining new methods for conducting sensitivity analyses with the TPA Version 3.2 code, performing numerical modeling in support of auxiliary analyses, and developing the TPA Version 4.0 code.

ESTIMATED UTILIZATION:

560 hours

PRIOR WORK EXPERIENCE WITH SWRI: Although Dr. Lu is currently an employee of Division 18, he will no longer be employed by SwRI after September 10, 1999. For the past 5 months, Dr. Lu has assisted the CNWRA with the implementation of the Morris and FAST sensitivity analysis methods for use with the TPA Version 3.2 code.

PROGRAMMATIC NEED FOR WORK:

All work planned for Dr. Lu is part of the approved operations plan for the TSPA I KTI.

LIST OF ELIGIBLE EMPLOYEES CONSIDERED:

None

RATIONALE FOR SOLE/SINGLE SOURCE SELECTION: Dr. Lu has been the lead investigator for the development, implementation, and testing of the Morris and FAST methods of sensitivity analysis as applied to the TPA Version 3.2 code. His continued assistance is required in order to complete this investigation and document the computer programs used to implement the methods.

RATIONALE FOR NOT USING SwRI RESOURCES:

As noted above, Dr. Lu is an SwRI employee, but will be terminated, effective September 10, 1999. His continued assistance is required in order to complete the project described in the statement of work.

PROJECT NUMBER(S):

20-1402-761