

# **SUPPORT FOR CONSULTANT REQUEST**

**CONSULTANT:** Dr. Manuel A. Diaz

**RATE (dollars/hour):**

**PERIOD OF PERFORMANCE:** 1 year period

**STATEMENT OF WORK:** Perform and review structural and geotechnical analysis and design of surface facilities of high-level nuclear waste repository, SFPO projects, MOX tasks, and similar projects.

**ESTIMATED UTILIZATION (hours):** Approximately 300 hours

**PRIOR CONTRACTOR WORK EXPERIENCE WITH SWRI:** None

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**PROGRAMMATIC NEED FOR CONTRACTOR WORK:** The repository preclosure task, SFPO projects, and MOX tasks are currently under-allocated in terms of CNWRA and SwRI personnel available to work. Deliverables will be at risk of not being met if additional resources are not added to these projects.

**LIST OF ELIGIBLE CONSULTANTS CONSIDERED:** No other qualified consultant has been identified. At this time there is not an abundance of civil engineers who could conduct activities for preclosure task, SFPO projects, and MOX tasks.

**RATIONALE FOR SOLE/SINGLE SOURCE SELECTION:** No other consultant is available who can meet CNWRA needs in a timely and cost-effective manner.

**RATIONALE FOR NOT USING SwRI RESOURCES:** Dr. Manuel A. Diaz has been selected as a consultant because other SwRI divisions do not have the available labor resources to complete the work defined in the statement of work in a timely and cost-effective manner

**PROJECT NUMBER(S):**

20.01402.671

20.01405.071

20.01405.051

20.01405.061

20.04767

20.04768