

# **SUPPORT FOR CONSULTANT/SUBCONTRACTOR REQUEST**

Date: June 9, 1998

**CONSULTANT/SUBCONTRACTOR:** Dr. Malgorzata (Margaret) Lencka, OLI Systems

## **RATIONALE FOR USING AND PROGRAMMATIC IMPACT OF NOT USING CONSULTANT/SUBCONTRACTOR:**

We need assistance in preparing a report on chemistry of pretreatment technologies for the TWRS project. One of the pretreatment issues is reaction of organics and energetics associated with them. Simulation of these reactions is needed, for which there are no experts available within SwRI and the CNWRA core staff are not available due to commitment to other work. This is one of the required areas of work and has to be completed by end of this FY.

## **STATEMENT OF WORK:**

Dr. Lencka will provide us assistance in reviewing the chemistry related to pretreatment processes, especially those related to organic destruction and ion exchange.

## **LIST OF ELIGIBLE CONSULTANTS/SUBCONTRACTORS CONSIDERED:**

None

## **RATIONALE FOR SOLE/SINGLE SOURCE SELECTION:**

OLI Systems has already provided assistance in other TWRS related documents and hence understands the processes of relevance. In addition, they are familiar with simulation programs which will be used in TWRS project.

## **RATIONALE FOR NOT USING SwRI RESOURCES:**

Lack of relevant expertise.

## **PROGRAMMATIC IMPACT ON CNWRA WORK:**

This will enable us to complete the accepted scope of work and augment our spending.

## **RATIONALE FOR RATE(S):**

**Estimated duration/hours:** 100

**Estimated rate(s)/hour:** The hourly fee for Dr. Lencvka is

**WORK BREAKDOWN STRUCTURE NUMBER(S):** 20-1403-106