The purpose of this modification is to issue an undefinitized contracting action (UCA) for CLIN 00003 Non-Target ICP Core Work Scope. This modification is being made under the authority of contract clause I.100 Changes--Cost Reimbursement (AUG 1987) Alternates II and III (APR 1984).

Effective September 28, 2017, the Contractor is authorized a not-to-exceed (NTE) of $70,000 in direct costs for the work scope under this modification, consistent with the other contract terms and conditions of this contract until the scope is definitized. The NTE does not include fee or the overhead allocation from CLIN 00001. Once negotiations are
Continued ...
The Contractor shall complete data collection and review needed to develop an estimate for transport and treatment of waste from the Separations Process Research Unit (SPRU) (see Attachment 1 for the SPRU waste scope of work). Once the actions identified by Fluor Idaho (see Attachment 2) are completed, DOE-ID and Fluor Idaho will work to further define the scope of this SPRU waste. At that time, the Contractor shall develop and submit its cost and schedule estimate by a date agreed to by both parties.

The Contractor is directed to continue operations in accordance with contract Section B.2. The contract Terms and Conditions remain unchanged.

Payment:
- OR for Idaho
  U.S. Department of Energy
  Oak Ridge Financial Service Center
  P.O. Box 6017
  Oak Ridge TN 37831

Period of Performance: 06/01/2016 to 05/31/2021
Separations Process Research Unit (SPRU) Transuranic (TRU) Waste Idaho Management

Cost estimate for:

1) Receive and unload the SPRU TRU waste stream from the DOT Type-B shipping cask.
2) Manage the TRU waste stream according to the Contact Handled (CH) or Remote Handled (RH) TRU Program.
3) Complete the Acceptable Knowledge (AK) process.
4) Perform Real-Time Radiography (RTR) or Visual Exam (VE) and repackage TRU waste as necessary.
5) Perform all verification and certification activities to completion for final disposal at the Waste Isolation Pilot Plant (WIPP) of the entire SPRU waste stream.
6) Dispose of any Low Level/Mixed Low Level Waste resulting from characterization and certification activities.
7) Is it possible to cost out storage at Idaho, prior to shipment to WIPP, rather than shipping back to SPRU?
8) Transport SPRU certified waste back to SPRU. (Note: if WIPP can receive waste once certified, this may not be needed.)

Three basic options to cost out:

1) Repackage into shielded containers to render RH waste CH.
2) Maintaining mix of RH and CH containers (current configuration).
3) Provide separate cost to process shipment that includes "monolith".

GENERAL: Estimate should include a probable cost range to account for risk and cost uncertainty.
September 6, 2017

Ms. Jennifer K. Cate, Contracting Officer
U.S. Department of Energy
Idaho Operations Office (DOE-ID)
1955 Fremont Avenue
Idaho Falls, ID 83415-1240


REFERENCE: Benjamin J. Leake E-mail to Steven D. Poling, SPRU Estimate, July 31, 2017, CCN 321166

Dear Ms. Cate:

As noted in the reference, we have been informed that the U.S. Department of Energy (DOE) is considering requesting that Fluor Idaho, LLC (Fluor Idaho), complete a cost estimate to transport and treat waste from the Separations Process Research Unit (SPRU) in Niskayuna, New York. Due to conditions described below, Fluor Idaho, requests that we be authorized a Not-to-Exceed authorization of $70,000 and 30 calendar days to complete actions listed below to understand the scope of the request. Once these support actions are complete, we will request funding and a timeframe to provide a cost and schedule estimate for this new scope.

Due to the nature of the waste, the current situation at SPRU, the current state of waste certification and shipping to the Waste Isolation Pilot Plant, and the Idaho Cleanup Project Site Treatment Plan (STP) requirements, a number of actions need to be accomplished before a reasonable cost estimate and schedule for this work can be provided. Among the actions needed are:

- A technical review of the data provided by DOE to date to identify additional data needs;
- Investigation by a joint DOE-contractor team that would travel to SPRU to evaluate conditions there such as the expected division of labor between Fluor Idaho, DOE, the Knolls Atomic Power Laboratory contractor, and the SPRU contractor; the site infrastructure and personnel available to support transportation activities; and the location and state of data needed to support the scope;
Ms. Jennifer K. Cate  
September 6, 2017  
CCN 321191  
Page 2  

- Assembling of additional data needed for preparation of a formal cost estimate; and  
- Detailed technical discussions with DOE on this scope, especially the potential impacts to the Idaho Settlement Agreement and the STP requirements.

Completion of these actions prior to developing the cost estimate will allow us to establish a firm basis for our cost and schedule assumptions and reduce overall project risk to DOE, Fluor Idaho, and the various stakeholders.

If you have any questions, please contact me at (208) 533-0537.

Sincerely,

[Signature]

Thomas M. Williams, Director  
Prime Contract Management

JCM: amt

cc:  
DOE-ID  
P. H. Allen  
E. M. Auman  
M. Bolme  
C. M. Flohr  
M. B. Hinman  
T. W. Jenkins  
B. J. Leake  
J. A. Malmo  
M. M. Mitchell-Williams  
A. S. Nebeker  
A. O. Perez  
D. M. Pruitt  
J. A. Van Vliet  
J. P. Zimmerman  
DOE-ID Admin Support Center  
DOE-ID Records Management

Fluor Idaho  
H. Brown  
P. A. Davis  
T. J. Dieter  
J. P. Floerke  
F. P. Hughes  
J. Saye