

AUG 08 2008

# STANDARD ORDER FOR DOE WORK (SOEW)

5008032

DATE OF ISSUANCE

July 18, 2008

This agreement is entered into pursuant to the authority of the Energy Reorganization Act of 1974, as amended (42 U.S.C. 5801 et seq.) This work will be performed in accordance with the NRC/DOE Memorandum of Understanding dated November 24, 1998. To the best of our knowledge, the work requested will not place the DOE and its contractor in direct competition with the domestic private sector.

ISSUED TO: (DOE OFFICE)

Albuquerque Operations Office

ISSUED BY: (NRC OFFICE)

Office of Nuclear Material Safety & Safeguards

ACCOUNTING CITATION

APPROPRIATION SYMBOL

31X0200

BSR NUMBER

85015366270

PERFORMING ORGANIZATION

Sandia National Laboratory (SNL)

JOB CODE TITLE

Transportation Safety and Risk Assessment

DISTRIBUTION OF OUTGOING (NRC SIGNED)

PKinney KStout EHeumann  
JCook J5546

JOB CODE

J5546

EGG

253D

PROJECT PERFORM. PERIOD

BEGIN

END

06/23/2005

06/30/2010

THIS FY FUNDING PERIOD

FROM

TO

10/15/2007

02/28/2009

OBLIGATION AVAILABILITY PROVIDED BY:

A. THIS ORDER

\$ 130,239.00

B. TOTAL OF ORDERS PLACED PRIOR TO THIS ORDER WITH THE PERFORMING ORGANIZATION UNDER THIS JOB CODE FOR THIS FISCAL YEAR

\$ 389,761.00

C. TOTAL ORDERS TO DATE FOR THIS JOB CODE FOR THIS FISCAL YEAR

(TOTAL A & B)

\$ 520,000.00

STANDARD TERMS AND CONDITIONS ARE PART OF THIS ORDER UNLESS OTHERWISE NOTED (See NRC Management Directive 11.7).

## ATTACHMENTS

THE FOLLOWING ATTACHMENTS ARE HEREBY MADE A PART OF THIS ORDER

- ☐ STATEMENT OF WORK
- ☐ ADDITIONAL TERMS AND CONDITIONS
- ☐ OTHER (Specify)

## SECURITY

- ☐ WORK ON THIS ORDER INVOLVES CLASSIFIED INFORMATION. NRC FORM 187 IS ATTACHED.
- ☐ WORK ON THIS ORDER INVOLVES SENSITIVE UNCLASSIFIED, UNCLASSIFIED SAFEGUARDS INFORMATION, OR UNESCORTED ACCESS TO PROTECTED AND VITAL AREAS OF NUCLEAR POWER PLANTS. NRC FORM 187 IS ATTACHED.

FEE BILLABLE UNDER 10 CFR PART 170

☐ YES ☒ NO ☐ PARTIAL

☒ WORK ON THIS ORDER IS UNCLASSIFIED AND NOT SENSITIVE

REMARKS: (At a minimum, reference the approved proposal (NRC Form 189) by number and date. See further instructions on the reverse side.)

This order is issued to accept SNL's proposal dated 07/01/08 to perform the services described in Subtasks 1f and 1g. In accordance with the proposal, the ceiling of the agreement is \$1,475,000.00 with the performance period ending on June 30, 2010. Funding in the amount of \$130,239.00 is hereby provided and increases the available funding from \$1,230,000.00 to \$1,360,239.00.

The NRC TPM is John Cook (301) 492-3318.

The NRC TAPM is Penelope Kinney (301) 492-3248.

## CERTIFICATION OF FUNDS

This certifies that funds in the amount cited in Block A are available in the current Fiscal Year allotment for work authorized by this SOEW.

FUNDS CERTIFICATION OFFICIAL (Typed Name)

Penelope Kinney

SIGNATURE

*Penelope Kinney*

DATE

7/18/08

## SIGNATURES

NRC ISSUING AUTHORITY (Typed Name and Title)

Mark J. Flynn, Director, PEPA, NMSS

SIGNATURE

*Mark J. Flynn*

DATE

7-18-08

DOE ACCEPTING ORGANIZATION (Typed Name and Title)

Rosa A. Martinez, Contracting Officer

SIGNATURE

*Rosa A. Martinez*

DATE

8-8-08

NRC FORM 173 (11-2000)

CERTIFICATION OF AVAILABILITY OF FUNDS ON THIS ORDER

This form was designed using Informa

1720401 401 001 050 32  
SNL \$ 126,445.43  
SO 0 3,793.37  
J5546  
Date: 7/18/08  
Annette M. Whitaker, Contracting Officer, BMSD  
7/18/08 10:21:09

TOTAL P.03

**Penelope Kinney**

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**From:** Campbell, Becky [rscampb@sandia.gov]  
**Sent:** Tuesday, July 08, 2008 5:15 PM  
**To:** Penelope Kinney  
**Cc:** Miller, David R; Ammerman, Douglas J  
**Subject:** FW: COI statement for J5546

Hi Penny,

Per your request please see below for our response to your query regarding J5546. Let us know if you have any questions, and thank you.

Rebecca Campbell  
NRC Contract and Budget Administrator  
Org. 6034 - 6700 Nuclear Technology Business Support  
(505) 284-3625 - voice  
(505) 844-0955 - fax  
Mail Stop 0736  
Sandia National Laboratories  
P.O. Box 5800  
Albuquerque, New Mexico 87185-0736

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**From:** Ammerman, Douglas J  
**Sent:** Tuesday, July 08, 2008 2:00 PM  
**To:** Campbell, Becky  
**Subject:** COI statement for J5546

Sandia is the lead lab for the DOE-RW Yucca Mountain License Application. While this license application does include a transportation component, Sandia is not responsible for that aspect of the application. The transportation work that we have for DOE-RW is focused on maintaining the RADTRAN Transportation Risk Analysis code, which will be used as part of this project, and the determination of the response spent fuel to HEDD attacks. HEDD attacks are outside the scope of the work being performed for the NRC under this contract.

In addition, Sandia has in the past and likely will in the future, performed package testing for various vendors. These vendors have used the information obtained from those tests to support their Safety Analysis Report for Packagings that were submitted to the NRC for certification. However, the risk assessment in this contract is focused on analytically determining the response of spent fuel casks to accident conditions that are extra-regulatory, and none of the work in the past nor any of the foreseeable future work is associated with extra-regulatory conditions.