

FOIA/PA-2014-0051

Group B

RECORDS BEING RELEASED IN PART

The following types of information are being withheld:

Ex. 4: Proprietary information provided by a submitter to the NRC

OAK RIDGE NATIONAL LABORATORY

MANAGED BY UT-BATTELLE FOR THE DEPARTMENT OF ENERGY

NRC Programs
P.O. Box 2008
Oak Ridge, TN 37831-6003
Phone: (865) 576-8130
Fax: (865) 241-4069
Internet: stringfieldjj@ornl.gov

March 22, 2013

Ms. Sandra Nesmith
Office of Federal and State Materials and Environmental Management
U.S. Nuclear Regulatory Commission
Mail Stop T8 A23
Washington, DC 20555-0001

Dear Ms. Nesmith:

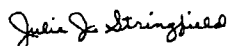
Replacement Project and Cost Proposal for FY 2013, "FSME Agreement States Website Operations and Maintenance," (Interagency Agreement DOE No. 1886-V671-13, JCN F1254)

The Oak Ridge National Laboratory (ORNL) has prepared the subject Project and Cost Proposal and is submitting the original as a final proposal unless negotiations deem a revision to be necessary. This proposal is being submitted in response to the RFP and Statement of Work, both dated January 9, 2013, and subsequent discussions with the NRC PM. This proposal adjusts the effort and cost between fiscal years and is intended to replace the one dated March 8, 2013. Total cost and other aspects of this proposal remain the same. This proposal was not given a revision number as it is intended to be a replacement and thus the initial proposal of record for this agreement.

Consistent with the Department of Energy's (DOE) full cost recovery policy, DOE collects, as part of its standard indirect cost rate, a Laboratory Directed Research and Development (LDRD) cost levied on all monies received at the laboratory. The estimated amount of LDRD costs is identified in the proposal cost estimate section. The DOE believes that LDRD efforts provide opportunities in research that are instrumental in maintaining cutting edge science capabilities that benefit all customers of the laboratory. The Department will conclude that by approving and providing funds to DOE to perform work under this proposal, you acknowledge that such activities are beneficial to your organization and consistent with appropriation acts that provide funds to you.

Questions relative to this proposal should be directed to me as the ORNL Program Manager at (865) 576-8130.

Sincerely,



Julie J. Stringfield
Manager, NRC Programs

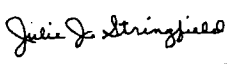
c/enc: L. A. Aloisi
R. G. Baker
P.L. Barber
J. L. Binder
T. R. Hope, DOE-ORO

S. R. Martin, Jr., DOE-ORO
C. W. McGinn
C. T. Rice (File-RC)
D. J. Sams

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NRC FORM 189 (Part 1) (6-1998) NRCMD 11.7			U.S. NUCLEAR REGULATORY COMMISSION			DATE PROPOSAL SENT 3/22/13	
DOE LABORATORY PROJECT AND COST PROPOSAL FOR NRC WORK			X		NEW	FY	2013
			REVISION		NUMBER		
PROJECT TITLE FSME Agreement States Website Operations and Maintenance			JOB CODE F1254				
NRC OFFICE Office of Federal and State Materials and Environmental Management Programs			NRC B&R NUMBER 55-34-8-156				
DOE CONTRACTOR UT-Battelle, LLC			NRC BOC CODE 253D				
SITE Oak Ridge National Laboratory Oak Ridge, Tennessee 37831			CONTRACTOR ACCOUNT NUMBER 41WV67101				
COGNIZANT PERSONNEL	ORGANIZATION	TELEPHONE NO.	DOE B&R NUMBER 401001160				
NRC PROJECT MANAGER Stephen Poy	FSME/DMSSA	(301) 415-7135	PERIOD OF PERFORMANCE				
OTHER NRC TECHNICAL STAFF			PROJECT START DATE 7/01/2013				
DOE PROJECT MANAGER S. R. Martin, Jr.	DOE-ORO	(865) 576-4522	PROJECT END DATE 6/30/2015				
LABORATORY PROGRAM MANAGER J. J. Stringfield	ORNL/RNSD/NRCPO	(865) 576-8130					
LABORATORY PROJECT MANAGER C. W. McGinn	ORNL/ESD	(865) 576-2734					
PRINCIPAL INVESTIGATOR(S) C. W. McGinn	ORNL/ESD	(865) 576-2734					
KEY PERSONNEL F. C. Baes M. E. Langston	ORNL/ITSD ORNL/ITSD	(865) 576-2137 (865) 574-8942					
STAFF YEARS OF EFFORT	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017		
DIRECT SCIENTIFIC/TECHNICAL	0.2	0.8	0.6				
OTHER DIRECT (SUBCONTRACTOR)	0.0	0.0	0.0				
TOTAL DIRECT STAFF YEARS	0.2	0.8	0.6				
COST PROPOSAL (Round to Nearest Thousand \$)							
DIRECT LABOR (SCIENTIFIC/TECHNICAL)	(b)(4)						
OVERHEAD (INCLUDED IN DIRECT LABOR)							
MATERIALS/SERVICES							
TRAVEL	FOREIGN						
	DOMESTIC						
SUBCONTRACT(S)							
OTHER DIRECT							
GENERAL AND ADMINISTRATIVE EXPENSES							
TOTAL ESTIMATED LABORATORY PROJECT COST*							
FEDERAL ADMINISTRATIVE CHARGE (FAC)							
TOTAL DOE PROJECT COST							
CARRYOVER FROM PRIOR FY							
CARRYOVER TO NEXT FY							
TOTAL FUNDING REQUIRED							

*Laboratory Directed Research and Development (LDRD) cost included. See Section 13 for details.
NRC FORM 189 (6-1998)

NRC FORM 189 (Part 2) (6-1998) NRCMD 11.7		U.S. NUCLEAR REGULATORY COMMISSION DOE LABORATORY PROJECT AND COST PROPOSAL FOR NRC WORK		JOB CODE <div style="text-align: center;">F1254</div> <hr/> DATE <div style="text-align: center;">3/22/13</div>			
FOR PROJECTS, EXCLUDING TASK ORDERS AND TASK ORDER AGREEMENTS							
PROJECT TITLE <div style="text-align: center;">FSME Agreement States Website Operations and Maintenance</div>							
DOE proposing organization <div style="text-align: center;"> UT-Battelle, LLC Oak Ridge National Laboratory </div>							
ESTIMATED COST BY TASK (\$K) (includes Fed Admin Charges- FAC)							
TASK A	TASK B	FAC					
442	49	15					
PROJECT DESCRIPTION							
A NARRATIVE DESCRIPTION IS PROVIDED ON EACH OF THE FOLLOWING TOPICS IN THE ORDER LISTED.							
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> 1. OBJECTIVES OF PROPOSED WORK 2. SUMMARY OF PRIOR EFFORTS 3. WORK TO BE PERFORMED AND EXPECTED RESULTS 4. PROPOSED PERSONNEL – INCLUDE RESUMES 5. MEETINGS/TRAVEL 6. NRC FURNISHED MATERIALS 7. RELATIONSHIP TO OTHER PROJECTS </td> <td style="width: 50%; vertical-align: top;"> 8. REPORTING REQUIREMENTS AND SCHEDULE 9. SUBCONTRACTOR/CONSULTANT AND MAJOR PROCUREMENT INFORMATION* 10. SPECIAL FACILITIES, IF REQUIRED 11. CONFLICT-OF-INTEREST INFORMATION 12. CLASSIFICATION OR SENSITIVITY, IF APPLICABLE (e.g., safeguards, proprietary, other) 13. ADDENDUM: (A) INTERPRETATIONS OF STATEMENT OF WORK, (B) COST INFORMATION, AND (C) SCHEDULE INFORMATION 14. SPENDING PLAN </td> </tr> </table>						1. OBJECTIVES OF PROPOSED WORK 2. SUMMARY OF PRIOR EFFORTS 3. WORK TO BE PERFORMED AND EXPECTED RESULTS 4. PROPOSED PERSONNEL – INCLUDE RESUMES 5. MEETINGS/TRAVEL 6. NRC FURNISHED MATERIALS 7. RELATIONSHIP TO OTHER PROJECTS	8. REPORTING REQUIREMENTS AND SCHEDULE 9. SUBCONTRACTOR/CONSULTANT AND MAJOR PROCUREMENT INFORMATION* 10. SPECIAL FACILITIES, IF REQUIRED 11. CONFLICT-OF-INTEREST INFORMATION 12. CLASSIFICATION OR SENSITIVITY, IF APPLICABLE (e.g., safeguards, proprietary, other) 13. ADDENDUM: (A) INTERPRETATIONS OF STATEMENT OF WORK, (B) COST INFORMATION, AND (C) SCHEDULE INFORMATION 14. SPENDING PLAN
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* PROJECTS WITH COST-TYPE SUBCONTRACTS CANNOT BE CLOSED OUT UNTIL REQUIRED DCAA AUDITS HAVE BEEN CONDUCTED.							
SIGNATURE – APPROVAL AUTHORITY <div style="text-align: center;">  J. J. Stringfield, Manager, NRC Programs </div>				DATE <div style="text-align: center;">3/22/13</div>			

NRC FORM 189 (Continued)	U.S. NUCLEAR REGULATORY COMMISSION	JOB CODE F1254
(06-98) NRCMD 11.7	DOE LABORATORY PROJECT AND COST PROPOSAL FOR NRC WORK	DATE 3/22/13
FSME Agreement States Website Operations and Maintenance		

1. OBJECTIVES OF PROPOSED WORK:

The objective of this project is to assist NRC staff in communications with the Agreement States, non-Agreement States, and the public on routine program issues, policies, information, and overall NRC policy. This communications support shall assist the NRC staff in fulfilling its statutorily mandated responsibility under Section 274 of the AEA to assure that the States and NRC programs will be coordinated and compatible. The communications support shall also provide assistance to NRC staff in maintaining an information base and the FSME Home Page to continue to provide prompt retrieval of Agreement State information. These electronic communications have become an essential part of the FSME operations.

2. SUMMARY OF PRIOR EFFORTS:

The Agreement State Information Base began in FY 1995. Under this task, ORNL created a Web-accessible information base for retrieval of Agreement State Information. This Website has a collection of approximately 18 years of information captured from review letters, questionnaires, all Agreement State letters, Program Reviews, Agreement State procedures, Sealed Source and Device Registry Sheets, and other sources, as needed. As part of this effort associated indexes and directories were also updated. An NRC State Contacts Database to facilitate communications with Agreement States and Non-Agreement States was developed as a desk-top roster and was later revised to be installed on NRC's internal network. In addition, tools were developed to provide easy access to information including Tribal, Training, the State Liaison Officer Conference, Secure Radiation Control Program Director letters, LLRW, the Working Group, and Enforcement Information.

3. WORK TO BE PERFORMED AND EXPECTED RESULTS:

Background

The Office of Federal and State Materials and Environmental Management Programs (FSME) is the program office within the U.S. Nuclear Regulatory Commission (NRC) which, in close partnership with other Federal agencies, Agreement States, non-Agreement States, Native American Tribal governments, the public, and other stakeholders, implements NRC's responsibilities within the broad collective framework of the National Materials Program. The creation of the FSME, effective October 1, 2006, reflects both the changing responsibilities of the NRC and Agreement States as more States become Agreement States, and the increased need for close coordination and better integration of National Materials Program responsibilities within a single program office.

The current Agreement State Program Assessment Assistance Website project, F1040, is based primarily on the activities of the former Office of State and Tribal Programs. This Statement of Work is for a follow-on agreement to F1040, and will continue to be expanded to cover other activities under the FSME.

A total of 37 States have formal Agreements with the NRC, under Section 274 of the Atomic Energy Act of 1954, as amended (AEA), by which those States have assumed regulatory responsibility over byproduct material, source material, and small quantities of special nuclear material. There are approximately 19,100 radioactive material licenses administered by Agreement States, representing about 87 percent of all the radioactive materials licenses issued in the United States.

The NRC is required by the AEA to periodically review these Agreement States' Radiation Control Programs to ensure that they are both compatible with the NRC's rules for the regulation of such materials, and that the State's program is adequate to protect the public health and safety with respect to the materials covered by the Agreement. FSME performs approximately 10 Agreement State reviews and conducts 10 Agreement State meetings annually. Furthermore, the NRC is authorized and directed, under the AEA, to cooperate with the States in the formulation of standards for protection against hazards of radiation to assure that State and Commission programs will be coordinated and compatible.

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NRC also provides technical assistance and training to Agreement States and their staffs. Technical assistance has ranged from interpreting technical information from license applicants to assisting in State reviews of license applications and inspections. State radiation control personnel may attend NRC sponsored courses to improve their ability to maintain high quality regulatory programs.

FSME collects information on special topics from the States approximately 15 times a year. Agreement States voluntarily provide information about their activities through cooperative exchange of information. Agreement States also submit reports on specific activities when requested by FSME. FSME is responsible for reviewing all of the above reports and material, and for consolidating the information from the 37 Agreement States into topical reports or other formats that are provided to other NRC Offices, the Commission, Congress or the public.

For many years, FSME has attempted to establish and maintain an easily accessible base of information that relates to NRC's Agreement State and State Liaison Programs. The concept of the FSME database included the provision that current information would be available on all desk top computers in the office. This objective was achieved in the establishment of the FSME Home Page. The information was not only available to the NRC staff but also to the Agreement States and the public. Presently, FSME has a collection of approximately 18 years of information that has been loaded onto the current FSME website. This information was captured from Agreement State review letters, questionnaires, all Agreement State letters, and other sources, as needed.

Technical and Other Special Qualifications Required

ORNL personnel assigned to Tasks A and B shall have:

- a. A thorough knowledge of, and experience in, the design, development, and maintenance of databases on personal computers that are attached to local and wide area networks.
- b. Sufficient knowledge of the NRC's rules and policies governing the Agreements States Program, and be able to input data from review, periodic meetings, topical reports or other documents into a database.

In addition to the qualifications stated above, ORNL personnel assigned to Task A shall have a knowledge of health physics and radiation safety practices associated with the use of byproduct material in medical applications; research; industrial radiography; well-logging; industrial measuring; irradiators; and the transportation and disposal of such material.

In addition to the qualifications stated above, ORNL personnel assigned to Task B shall have:

- a. A thorough knowledge of, and experience in the Information Technology Security areas with respect to local and wide area networks;
- b. Sufficient knowledge of the NRC's rules and policies governing Information Technology Security as applied to the Agreement States program; and
- c. A thorough knowledge of, and experience in, the information systems security required for the Federal Government (FISMA) and the ability to implement the NRC's Information Systems Security C&A process as defined under PMM.

Experience in FISMA includes identifying system security risks, mitigating risks to an acceptable level in order to certify and accredit the system, and documenting the controls which were established.

NRC FORM 189 (Continued) (06-98) NRCMD 11.7	U.S. NUCLEAR REGULATORY COMMISSION DOE LABORATORY PROJECT AND COST PROPOSAL FOR NRC WORK	JOB CODE F1254
FSME Agreement States Website Operations and Maintenance		DATE 3/22/13

Work Requirements and Schedule

Task A Maintenance and Operation of the Information Base for Agreement State Information and Provide for Modification of the FSME Home Page

The FSME Home Page must continue to offer a "read only," on-line, information base accessible to all members of FSME in the office environment, from remote locations using a suitable notebook computer, or through an Internet connection. The on-line accessible information base shall also be accessible to States, groups or individuals outside of the agency on a "read-only" downloadable format using Internet or modem access. Product must use the best available database software as discussed in Section 11.

Ideally, information available in the information base can be "exported" to Word documents with minimal effort. Product shall have a "search" and "hyper-link" search capability, and include a "report generator" for summarizing data available to the users. Data entry would be restricted to designated individuals and/or the contractor supporting the project. Documentation concerning the details and history of the product's design and development shall be provided to FSME. The contractor will have access to electronic copies of Agreement State reports, letters, and special reports.

ORNL will be responsible for systems and data maintenance for the FSME Home Page. This includes hardware/software maintenance, information additions to the existing pages, and data quality control. All quality control procedures shall be documented so that they may be implemented by any subsequent laboratory or contractor. The specific support and maintenance activities to be conducted are listed in SOW Attachment A.

Task B Support Information System Security Certification and Accreditation

ORNL will support the NRC in the development of security-related documentation and any systems analysis required to obtain an Authorization to Operate (ATO) for national security, intelligence, and general information systems that will ensure cradle to grave compliance including: Federal Information Security Management Act (FISMA); Clinger-Cohen Act; Privacy Act of 1974; Financial Management Integrity Act; Financial Management Improvement Act; Federal Employees Architecture (FEA); Office of Management and Budget (OMB) M-04-04; OMB Circulars A-11, A-123, and A-130; Homeland Security Presidential Directives 7 and 12; National Security Directive 42; Executive Order 13356; Intelligence Reform and Terrorism Prevention Act; Director of Central Intelligence Directives 6-1, 6-3, 6-5, and 8-1; Federal Information Processing Standards (FIPS) 199, 200, and 201; NIST 800 Series; National Strategy for Secure Cyberspace; OMB Information System Security Line of Business; and other applicable OMB and National Institute of Standards and Technology (NIST) series security C&A requirements for classified and unclassified information systems. The specific activities to be conducted are listed in SOW Attachment B.

Applicable Documents to be used as reference when creating documentation to validate compliancy can be located at the following Project Management Methodology (PMM) sites (if access to NRC's internal website is available, if not, a CD will be provided):

<http://csrc.nist.gov/publications/index.html> and
<http://www.internal.nrc.gov/pmm/Publish-PMM-Security-C&A/index.html>

Level of Effort

With the staff allocations estimated in this proposal, the project will require approximately 3,027 staff hours. It is estimated that the time allocations for fiscal years will be as follows:

FY 2013	375 staff hours
FY 2014	1,519 staff hours

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FY 2015 1,133 staff hours

Period of Performance

Base year July 1, 2013 – December 31, 2013

Option year period January 1, 2014 – June 30, 2015

Deliverables

ORNL shall provide all required deliverables to the NRC PM in accordance with the anticipated schedule below for review and comment. The NRC PM will provide comments to the ORNL PM no later than (NLT) the number of days specified below. Comments will be provided to the ORNL PM by e-mail whenever possible. If adjustments to this schedule are required, the revised dates agreed upon by the NRC PM and ORNL PM shall be incorporated into this order via a formal modification to this agreement.

<u>Deliverable</u>	<u>Due Date</u>
Monthly Letter Status Reports	20th of each month
Final Report (DVD of project data)	Date of agreement expiration
Activities under Task A	Shall be conducted on an ongoing basis as described in SOW Attachment A
Activities under Task B	Shall be conducted to mutually agreed upon dates between the NRC PM and ORNL PM for the activities identified in SOW Attachment B

Quality Assurance

ORNL will develop a FSME Agreement States Website Configuration Control/Quality Assurance Plan (approximately 3-4 pages) that will provide the steps and documentation to ensure the acceptability of information entry and computer code development.

All bound reports must be reviewed at least one level above the ORNL PM. Other reports such as letter reports must be reviewed by the ORNL PM. Reports containing numerical analyses are to be reviewed at the same level as for bound reports. If an approved final report is revised, a section must be included in the revised report to document the dates of, reasons for, and scope of all changes made since the issuance of the initial approved final report.

The NRC PM has the option of appointing a Peer Group to review the draft report and make changes to the final report. ORNL may recommend candidates for the Peer Group for approval by the NRC PM. In the occasion of dissent in the content of the final report, the dissenting party will have the option of stating its viewpoints and findings in a section of the report.

4. PROPOSED PERSONNEL:

C. Wilson McGinn of the Environmental Sciences Division at ORNL will be the principal investigator/project manager. He will handle the overall project management and assist in the maintenance of the Web information base. The other key staff members are Marilyn Langston and Fred Baes of the Information Technology Services Division at ORNL. These staff members have technical expertise in web design, database design, development, and management. Langston created and has been involved with the FSME Website (formerly the State and Tribal Program (STP) Website) since 1995.

NRC FORM 189 (Continued) (06-98) NRCMD 11.7	U.S. NUCLEAR REGULATORY COMMISSION DOE LABORATORY PROJECT AND COST PROPOSAL FOR NRC WORK	JOB CODE F1254
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5. MEETINGS/TRAVEL:

ORNL estimates the need for 2 three-day trips per year for one individual to meet with FSME staff to discuss and review progress of work under Tasks A and B. All travel associated with the SOW shall be coordinated through the NRC TM and approved in writing by the NRC PM in advance. All such travel shall result in trip reports, which may be issued separately or as part of the next Monthly Letter Status Report. Copies of separately issued trip reports shall be submitted in accordance with SOW Section 7.3 within 15 days of completion of the travel. (b)(4)

No foreign travel is anticipated at this time.

6. NRC FURNISHED MATERIALS:

The NRC PM will furnish ORNL any additional information, including copies of typical reports and documents, and mailing lists that are relevant to this SOW in an expeditious manner. In particular, NRC will provide ORNL a copy of the following document: <http://www.internal.nrc.gov/pmm/Publish-PMM-Security-C&A/index.html>.

7. RELATIONSHIP TO OTHER PROJECTS:

ORNL has supported the development and maintenance of the STP Website since 1995, which was funded under JCN E7044 and its follow-on project JCN F1040.

ORNL also developed and updated the initial database of high-risk radioactive material sources possessed by NRC and A/S licensees under Task Order 29 of B0009 in FY 2004. Funding was received under JCN J5475. In FY 2005 to the present a web-based application was developed, modified, and maintained by ORNL which enabled licensees with internet access to easily update their high-risk information on a secure site by individual user IDs and passwords. Funding was received for this effort under JCN J5527.

8. REPORTING REQUIREMENTS AND SCHEDULE:

1. Monthly Letter Status Reports

A monthly letter status report (MLSR) shall be submitted to the NRC PM by the 20th of each month following the period reported with electronic copies to the following:

- a. NRC PM – electronic copy only to Stephen Poy, email address stephen.poy@nrc.gov
- b. NRC TM – electronic copy only to Maria Arribas-Colon, email address maria.arribas-colon@nrc.gov
- c. Director, Division of Materials Safety and State Agreements, FSME, an electronic copy only to Brian McDermott, email address brian.mcdermott@nrc.gov
- d. Office of Administration, Division of Contracts – an electronic only copy to ContractsPOT.Resource@nrc.gov

The MLSR shall contain at a minimum all of the required information as shown in MD 11.7, Exhibit 7, "Monthly Letter Status Report Requirements."

**DOE LABORATORY PROJECT AND
COST PROPOSAL FOR NRC WORK****JOB CODE**

F1254

DATE

3/22/13

FSME Agreement States Website Operations and Maintenance

2. Technical Reports

In lieu of a final technical report, ORNL will provide NRC with a DVD or other appropriate storage device containing all files at the time of the expiration of the agreement.

3. Report Distribution

The following summarizes the required report distribution under this SOW. The NRC PM shall provide the ORNL PM with current NRC mailing addresses for this distribution.

<u>DISTRIBUTION</u>	<u>MEETINGS, WORKSHOPS, TRIP REPORTS</u>	<u>DRAFT FORMAL TECH. REPORTS</u>	<u>FINAL FORMAL TECH. REPORTS</u>
NRC PM	1	1	1
NRC TM	1	5	1*
DIRECTOR, DMSSA/FSME	1	1	1
NRC DOCUMENT CONTROL BRANCH	1	0	1
RULEMAKING, DIRECTIVES, and EDITING BRANCH, ADM	0	0	1**

* CAMERA-READY AND ELECTRONIC MEDIA

** CAMERA-READY (NUREGS ONLY)

9. SUBCONTRACTOR/CONSULTANT AND MAJOR PROCUREMENT INFORMATION:**A. Subcontractor/Consultant Information**

No subcontracts are anticipated at this time.

B. Equipment Purchases

Not applicable. No purchase of equipment or software having an acquisition cost of \$500 or more is anticipated.

C. Major Procurements

Not applicable.

10. SPECIAL FACILITIES, IF REQUIRED:**Specially Required Data Processing**

Currently, the website is built on scripts that use HTML and ColdFusion 9. The search engine used for the databases on the website which require login for entry is Verity which is provided with ColdFusion. The databases on the website use ORACLE. All of the files currently on the website can be characterized by the following lists of data types:

**DOE LABORATORY PROJECT AND
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FSME Agreement States Website Operations and Maintenance

Public area:

1,049 HTML

16 cfm

4,182 PDF

Secure/login area:

1,023 HTML

41 cfm

4,061 PDF

Currently only one server is being used to host both the secure portion and the public portion of the website. Secure information will be moved to a server that does not allow public access.

11. CONFLICT-OF-INTEREST INFORMATION:

The conflict of interest information is provided in an attachment to this proposal.

12. CLASSIFICATION OR SENSITIVITY, IF APPLICABLE (e.g., safeguards, proprietary, other):

This work may include sensitive information (official use only). ORNL will take the necessary security steps to ensure that this information can only be accessed by individuals previously authorized by the NRC PM.

13. ADDENDUM:**A. Interpretations of the SOW**

This form 189 is responsive to the Statement of Work (SOW) dated 1/9/13. Clarifications to the SOW that are contained in this proposal include the following:

The period of performance was adjusted per NRC PM direction.

The Final Report listed on page 5 of the SOW will consist solely of a DVD containing all files at the time of the expiration of the agreement. The due date is the agreement expiration date.

Development and maintenance of the FSME Agreement States website is not considered software development as described in SOW Section 14.0.

As stated in SOW Section 11.0, secure information will be moved to a server that does not allow public access.

In regards to SOW Section 12.0, Quality Assurance, ORNL will develop a FSME Agreement States Website Configuration Control/Quality Assurance Plan (approximately 3-4 pages) that will provide the steps and documentation to ensure the acceptability of information entry and computer code development.

In regards to SOW Section 19, Security Requirements for Information Technology (IT) Access Approval, the sensitive information provided by NRC to ORNL staff is Official Use Only (OUO). ORNL will take the necessary security steps to ensure that this information can only be accessed by individuals previously authorized by the NRC PM. No further IT security approvals will be needed as ORNL staff working on this project will not have access to any other NRC data or systems.

The revised Terms and Conditions dated May 2012 are incorporated into this agreement.

All SOW sections not explicitly addressed in this proposal are included by reference.

**DOE LABORATORY PROJECT AND
COST PROPOSAL FOR NRC WORK**

FSME Agreement States Website Operations and Maintenance

B. Cost Information**Estimated Cost Schedule (\$K)**

	2013	2014	2015	2016	2017	Total
Task A	55	221	166			442
Task B	6	25	18			49
Subtotal	61	246	184			491
Federal Administrative Charge	2	7	6			15
Total (Costs)	63	253	190			506
Carryover from Prior Year	0	63	63			
Carryover to Next Year	63	63	0			
Total (Funding)	126	253	127			506

Footnote continued from Page 1

(b)(4)

General/Administrative expenses include the Laboratory Directed Research and Development (LDRD) charge. LDRD is the DOE Laboratory Directed Research and Development charge. The LDRD is a normal component of DOE laboratory overhead charges to both DOE programs and reimbursable work performed for other federal agencies. It is shown above as a component of the Total Estimated Laboratory Project Cost. The FY 2002 Energy and Water Development Appropriations Conference Report (HR 107-258) requires DOE to notify federal sponsors that the Department charges LDRD.

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NRCMD 11.7					
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13C. Schedule Information

Subtask/Milestone Schedule																											
Subtask/Milestone	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				BEYOND 2017						
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	FY						
Task A: Maintenance and Operation of the Information Base for Agreement State Information and Provide for Modification of the FSME Home												▲															
Task B: Support Information System Security Certification and Accreditation												▲															

NRC FORM 189 (Part 3) (10-93) NRCMD 11.7		U.S. NUCLEAR REGULATORY COMMISSION 14. SPENDING PLAN FY 2013			JOB CODE F1254 MODIFICATION NUMBER (if applicable)					
NAME OF LABORATORY <div style="text-align: center; font-weight: bold;">Oak Ridge National Laboratory</div>					PERFORMANCE PERIOD <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">FROM</td> <td style="width: 50%; text-align: center;">TO</td> </tr> <tr> <td style="text-align: center;">7/01/13</td> <td style="text-align: center;">6/30/15</td> </tr> </table>		FROM	TO	7/01/13	6/30/15
FROM	TO									
7/01/13	6/30/15									
TITLE OF PROJECT <div style="text-align: center;">FSME Agreement States Website Operations and Maintenance</div>					Total estimated costs of proposed project or modification at time of proposal submission <div style="text-align: right; font-weight: bold;">\$ 506K</div>					
ESTIMATED COST AND COMPLETION BY MONTH										
COST ELEMENT	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH				
DIRECT COST (\$K)										
INDIRECT COST (\$K)										
TOTAL CUM. COST (\$K)										
PROJECT COMPLETION (%)										
ESTIMATED COST AND COMPLETION BY MONTH										
COST ELEMENT	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER				
DIRECT COST (\$K)				21	21	21				
INDIRECT COST (\$K)				0	0	0				
TOTAL CUM. COST (\$K)				21	42	63				
PROJECT COMPLETION (%)				4	8	12				

NRC FORM 189 (Part 3) (10-93) NRCMD 11.7		U.S. NUCLEAR REGULATORY COMMISSION			JOB CODE F1254	
14. SPENDING PLAN FY 2014					MODIFICATION NUMBER (if applicable)	
NAME OF LABORATORY Oak Ridge National Laboratory					PERFORMANCE PERIOD	
					FROM 7/01/13	TO 6/30/15
TITLE OF PROJECT FSME Agreement States Website Operations and Maintenance					Total estimated costs of proposed project or modification at time of proposal submission \$ 506K	
ESTIMATED COST AND COMPLETION BY MONTH						
COST ELEMENT	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH
DIRECT COST (\$K)	21	21	21	21	21	21
INDIRECT COST (\$K)	0	0	0	0	0	0
TOTAL CUM. COST (\$K)	84	105	126	147	168	189
PROJECT COMPLETION (%)	17	21	25	29	33	37
ESTIMATED COST AND COMPLETION BY MONTH						
COST ELEMENT	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER
DIRECT COST (\$K)	21	21	21	21	21	22
INDIRECT COST (\$K)	0	0	0	0	0	0
TOTAL CUM. COST (\$K)	210	231	252	273	294	316
PROJECT COMPLETION (%)	41	46	50	54	58	62

NRC FORM 189 (Part 3) (10-93) NRCMD 11.7		U.S. NUCLEAR REGULATORY COMMISSION 14. SPENDING PLAN FY 2015			JOB CODE F1254 MODIFICATION NUMBER (if applicable)	
					PERFORMANCE PERIOD	
					FROM	TO
NAME OF LABORATORY <div style="text-align: center;">Oak Ridge National Laboratory</div>					7/01/13	6/30/15
					Total estimated costs of proposed project or modification at time of proposal submission <div style="text-align: right; font-weight: bold;">\$ 506K</div>	
TITLE OF PROJECT <div style="text-align: center;">FSME Agreement States Website Operations and Maintenance</div>						
ESTIMATED COST AND COMPLETION BY MONTH						
COST ELEMENT	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH
DIRECT COST (\$K)	22	21	21	23	23	23
INDIRECT COST (\$K)	0	0	0	0	0	0
TOTAL CUM. COST (\$K)	338	359	380	403	426	449
PROJECT COMPLETION (%)	67	71	75	80	84	89
ESTIMATED COST AND COMPLETION BY MONTH						
COST ELEMENT	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER
DIRECT COST (\$K)	23	23	11			
INDIRECT COST (\$K)	0	0	0			
TOTAL CUM. COST (\$K)	472	495	506			
PROJECT COMPLETION (%)	93	98	100			

**Oak Ridge National Laboratory (ORNL) Proposal Attachment – JCN F1254
FSME Agreement States Website Operations and Maintenance**

Organizational Conflict of Interest

Upon submitting a proposal to the NRC, ORNL acknowledges the disclosure requirements of: 1) the NRC Clause, the NRC Conflict of Interest, Management Directive 11.7, Section 2.3.2.12 and Section 2.33; and 2) the provisions of the Memorandum of Understanding (MOU) between DOE and NRC, dated 1998 (which states, in part, that DOE recognizes that Section 170A of the Atomic Energy Act of 1954, as amended, requires that NRC be provided with disclosures on potential conflicts when NRC obtains technical, consulting, research and other supporting services). DOE further recognizes that the assignment of NRC work to DOE laboratories must satisfy NRC's organizational conflict of interest (OCOI) standards.

PART A:

"In accordance with ORNL's role in, and responsibility for, disclosing its relationships with organizations which conduct business in the same and/or similar technical area as described by the present and/or ongoing NRC project's scope of work, and in accordance with the NRC clause as stated herein, ORNL hereby asserts that it has examined its relationships with all such organizations, and has also examined its current and future/planned work, and where appropriate, its past work (generally for the previous five years), for DOE and other organizations, and ORNL states the following:

2) ORNL to the best of its knowledge and belief, asserts that it has no current work, planned work, and where appropriate, past work for DOE and others (to mean - organizations in the same and/or similar technical area as the present and/or ongoing NRC project scope of work); and ORNL hereby asserts that it is not aware of any same/similar technical work that would give rise to any potential OCOI as defined in the Atomic Energy Act of 1954, as amended, and in the NRC/DOE MOU.

Signed: _____

Date: _____

PART B: Not applicable.

Supplemental Cost Information for JCN F1254 189 Proposal

(b)(4)



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Environmental Sciences Division
Oak Ridge National Laboratory
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Telephone (865) 576-2734, Facsimile (865) 574-5353, Email mcginncw@ornl.gov

Education

M.S. in Geology, University of Tennessee, Knoxville. June 1988.

Thesis: *Possible Petrogenetic Relationships Between the Pee Dee Gabbro and Lilesville Granite, Anson and Richmond Counties, North Carolina.*

B.S. in Natural Science, George Peabody College, Nashville, Tennessee. June 1977.

Positions and Honors

Group Leader – Risk and Regulatory Analysis Group - October 2001 to present - Responsible for supervision and directing the Group in the areas toxicology and risk assessment.

Technical Support Team Member – Department of Energy Center for Risk Excellence
1997 to 2001- participated in the development of policy practices, guidance, tools, support, and training in support of risk informed decisions to safeguard health and the environment on a national level.

Group Leader - Environmental Restoration/Hazardous Waste Group - July 1992 to 2000 - Responsible for directing the Hazardous Waste Group in its endeavors to conduct risk assessments and related activities at DOE sites.

Risk Assessment Manager – Department of Energy Oak Ridge Operations Environmental Management Risk Assessment Council - July 1992 to 1998 - Responsible for the coordination of the activities of the Risk Assessment Council which include ensuring that the (i) ORO EM Programs' risk assessment procedures and approaches are current and in accordance with the latest EPA and ATSDR recommendations; (ii) the most recent risk assessment information and data (e.g., risk factors, exposure criteria, dose criteria, cancer potency factors) are applied in all ORO EM Programs' risk assessments; and (iii) these standards and requirements are communicated to all risk assessment staff.

Risk Assessment Team Leader for K-25 Gaseous Diffusion Plant - March 1991 to August 1991 - Responsible for the coordination of the K-25 Risk Assessment Team and all risk assessment activity related to K-25 Environmental Restoration. Involved in the scoping phase for RI activities including the identification of data quality objectives and the data collection to meet these needs. Conducted analysis of remedial alternatives for hazardous waste sites. Involved in the investigation of site contaminants and characterization of the groundwater regime to evaluate contaminant mobility and possible risk to human health. Managed the production of several Remedial Investigation Reports. Written numerous contaminant fate and transport evaluations and Risk Assessments.

Awarded the USEPA OSWER Bronze Medal – May 2009 – Recognition of significant improvements to the risk-based concentration screening tables which are provided as a foundation for all human health risk assessment conducted under CERCLA.

Publications and Technical Support Documents

McGinn, C.W. Pharmaceutical and Personal Care Products in the Environment: Summary of U.S. State Level Take-Back Activities. Office of Water, U.S. Environmental Protection Agency, 1301 Constitution Ave NW, Washington D.C. (2008).

Armstrong, A.Q., C. W. McGinn and P. H. Reno. Fenamidone - Ecological Risk Assessment for New Uses on Leafy Vegetables, Brassica Leafy Vegetables, Fruiting Vegetables, Cotton and Sunflower Seeds,

and In-Furrow Application at Planting of Cotton Seeds. Environmental Fate and Effects Division, Office of Pesticide Programs, U.S. Environmental Protection Agency, 1921 Jefferson Davis Highway, Arlington, VA. (2007)

Armstrong, A.Q., C. W. McGinn and P. H. Reno. Penoxsulam - New Uses on Turf and for Control of Aquatic Vegetation in Aquatic Environments. Environmental Fate and Effects Division, Office of Pesticide Programs, U.S. Environmental Protection Agency, 1921 Jefferson Davis Highway, Arlington, VA. (2007)

Armstrong, A.Q., C. W. McGinn and P. H. Reno. Environmental Fate and Ecological Risk Assessment for the Reregistration of Dicamba and Dicamba Sodium, Potassium, Diglycoamine, Dimethylamine and Isopropylamine Salts. Environmental Fate and Effects Division, Office of Pesticide Programs, U.S. Environmental Protection Agency, 1921 Jefferson Davis Highway, Arlington, VA. (2006)

C.W. McGinn and A.Q. Armstrong. Environmental Fate Assessment for the Reregistration of Chloroneb. Environmental Fate and Effects Division, Office of Pesticide Programs, U.S. Environmental Protection Agency, 1921 Jefferson Davis Highway, Arlington, VA.(2005)

C. W. McGinn, J. H. Moyer, and L. D. Bloom, *Integrated Worker Risk Evaluation System*, Waste Management 01 Papers, presented March, 2001.

Bollinger, Mark E.; Picel, Kurt; McGinn, Wilson. *Communicating Risks from the Environmental Management Program of the United States Department of Energy*, Environmental Science and Pollution Research, Special Issue (2) 2000.

C. W. McGinn and J. L. Dail, *Model Simplifies Environmental Prioritization*, Chemical Health & Safety, November 1998.

C. W. McGinn, K. Motheramgari, and L. Bloom, *Baseline Human Health Risk Assessment for the K-1070 Operable Unit K-25 Site, Oak Ridge, Tennessee*, Martin Marietta Energy Systems, September 1994.

C. W. McGinn, P. D. Miller, S. T. Purucker, A. Redfearn, and R. K. White, *Defining the Role of Risk Assessment in the Comprehensive Environmental Response compensation and Liability Act Remedial Investigation Process at the DOE-OR*, ES/ER/TM-58, August 1994

C. W. McGinn, P. D. Miller, S. T. Purucker, and R. K. White, *Standardized Risk Assessment Approach for Evaluating Source Control Operable Units to Support Expedited Actions at the Oak Ridge Reservation*, ES/ER/TM-58, March 1993 (Draft)

D. R. Watkins, J. T. Ammons, J. L. Branson, B. B. Burgoa, P. L. Goddard, T. L. Hatmaker, L. A. Hook, B. L. Jackson, S. Y. Lee, C. W. McGinn, R. L. Schmoyer, and J. C. Wright, *Final Report on the Background Soil Characterization Project at the Oak Ridge Reservation, Oak Ridge, Tennessee, Volume I - Results of Field Sampling Program*, DOE/OR/01-1175/V1, Department of Energy, October 1993.

Fred Baes
Information Technology Services Division
Oak Ridge National Laboratory
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Education

M.S., 1977, Biology, Emory University, Thesis title: *Age-Specific Lead Distributions in Urban Forest Tree Rings in Atlanta, Georgia*

B.S., 1972, Zoology, University of Tennessee (Phi Eta Sigma, Phi Kappa Phi, and Phi Beta Kappa honor societies)

Relevant Experience

- 2007-present Webmaster, AmeriFlux network (<http://public.ornl.gov/ameriflux/>)
- 2006-present Webmaster, Carbon Dioxide Information Center (<http://cdiac.ornl.gov/>)
- 2006-present Webmaster, Operational Guidelines Public Web Site (<http://ogcms.energy.gov/>)
- 2003-present Webmaster, High-Risk Radioactive Material Sources Database (<https://homer.ornl.gov/nrc/>)
- 2002-2005 Webmaster, Integrative Neuroscience Initiative on Alcoholism (no longer active)
- 2002-present Webmaster, Center for Integrated Risk Assessment (<http://cira.ornl.gov/>)
- 2001-present Webmaster, ORNL Center for Biokinetic and Dosimetric Research (<http://ordose.ornl.gov/>)
- 2000-2007 Webmaster, Tennessee Mouse Genome Consortium (no longer active)
- 1999-present Webmaster, Health Physics Society (<http://hps.org/>)
- 1998-present Webmaster, RQ•Calculator (<http://homer.ornl.gov/rq/>)
- 1996-present Webmaster, Department of Energy (DOE) Headquarters Office of Environmental Policy and Guidance (<http://homer.ornl.gov/nuclearsafety/nsea/oepa/>)
- 1989-1992 Editor, RCRA/CERCLA Update and Air/Water/Radiation Update technical newsletters for the DOE Office of Environmental Policy and Guidance
- 1988-1992 Author and Presenter, four-day course, *Environmental Laws and Regulations for Mid-Level and Senior Managers*, DOE Office of Environmental Policy and Guidance
- 1978-present Staff Scientist, Oak Ridge National Laboratory

Publications

Over fifty publications, including journal articles, book chapters, technical reports, proceedings, training materials and abstracts (available on request)

Marilyn E. Langston
Information Technology Services Division
Oak Ridge National Laboratory

Education

1991 B.S. Computer Science (Magna Cum Laude)
Bristol University
Knoxville, TN

Professional Experience

ORNL Staff 23 years.

Current Position **Technical Information Analyst**

Designed and developed database for NRC High-Risk Radioactive Materials Sources Database, programming interfaces for data input and searching, and report generation.

Designed and developed tracking database for NRC licensee, programming interfaces for data input and searching, and generating reports; converted NRC Regulation Assessment Tracking System (RATS) Database for use under new operating system, while maintaining input and reporting functionality.

Managed and maintained the General License Database (GLDB) for the Office of Nuclear Material Safety and Safeguard using Foxpro.

Maintain Human Genome Publication Contacts database.

Designed, developed, and maintained an integrated Management Information System in Microsoft Access for the Environmental Compliance Group of the Environmental Sciences Division. Responsible for programming, debugging, and maintaining programs used by the group. Analyzed problems and developed computer programs to solve problems and prepared written instructions to operating personnel. Set up a Management Information System on a local area network to be accessible to entire group and to Washington sponsors.

Programmed, debugged, and maintained a NEPA tracking system for five DOE sites. Developed PC-based expert systems for Y-12 internal assessment of environmental compliance, for the Health, Safety, Environment and Accountability Division.