

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 1
2. AMENDMENT/MODIFICATION NO. 0505	3. EFFECTIVE DATE 09/30/2014	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802	CODE 00901	7. ADMINISTERED BY (If other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421		(x) 9A. AMENDMENT OF SOLICITATION NO.	
CODE 798861048 FACILITY CODE		9B. DATED (SEE ITEM 11)	
		x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470	
		10B. DATED (SEE ITEM 13) 01/10/2008	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended.  is not extended.  
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER if by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

No Change in Accounting and Appropriation Data

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Clause H-28, Performance-Based Incentives

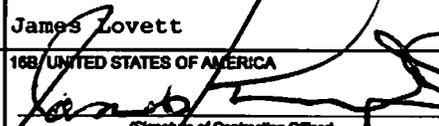
E. IMPORTANT: Contractor  is not.  is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate the Performance Evaluation Measurement Plan (PEMP), for the period October 1, 2014 through September 30, 2015, which is attached hereto. The attached PEMP is based upon conditional approval, granted September 30, 2014, reference Memorandum, Head of Contracting Activity, Office of Environmental Management.

B. All other terms and conditions remain unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) L.C. Clevinger II Manager Contracts	18A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James Lovett
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 9.30.14
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)
	18C. DATE SIGNED 9/30/14



**U.S. Department of Energy  
Savannah River Site**

## **PERFORMANCE EVALUATION MEASUREMENT PLAN**

**Modification No. 0505**

**Evaluation Period:**

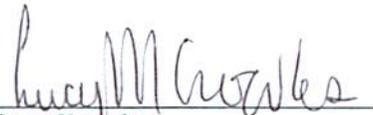
**October 1, 2014 through September 30, 2015**

**Savannah River Nuclear Solutions, LLC  
Savannah River Site, Aiken SC  
CONTRACT NO. DE-AC09-08SR22470**

Approval Page

Concurrence:

Date:

  
\_\_\_\_\_  
Lucy Knowles  
Chief Counsel, Office of Chief Counsel

September 15, 2014

*for*   
\_\_\_\_\_  
Jeffrey C. Armstrong  
Director, Office of Acquisition Management

9/17/2014

  
\_\_\_\_\_  
Douglas E. Hintze  
Assistant Manager for Mission Support

15 Sept 2014

Approval:

  
\_\_\_\_\_  
James Lovett, Jr.  
Contracting Officer  
Contracts Management Division

9/17/2014

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## 1. Purpose

This document serves as the Performance Evaluation Measurement Plan (PEMP) for fiscal year 2015 as identified in Section H-28, *Performance Based Incentives*, of Contract No. DE-AC09-08SR22470 between the U.S. Department of Energy (DOE) Environmental Management (EM) Savannah River (SR) and Savannah River Nuclear Solutions, LLC (SRNS), approved January 10, 2008.

Incentives are developed annually by DOE-SR and SRNS to support mission strategies for the fiscal year and measure all work performed by the contractor during the evaluation period. The SRNS contract is a performance based contract for the management of a DOE facility governed by the provisions of FAR 17.6 and DEAR 917.6. It is a cost-reimbursement contract with provisions for a general performance fee and performance incentives as provided for in the clause in Section I entitled, DEAR 970.5215-1 *Total Available Fee: Base Fee Amount and Performance Fee Amount*.

The PEMP addresses development of the Performance Incentive Document (PID). This includes administration of performance measures at the contract level for total available fee defined in the contract, Section B, *Supplies or Services and Prices/Costs*. Incentives are approved only when funding is authorized for fee-bearing work.

National Nuclear Security Administration (NNSA) and EM incentives established under the contract are contained in the PEMP as attachments. The PEMP, incentive documents and revisions become part of the contract through contract modification.

NNSA works with DOE-SR to develop incentives for the site. Development, review and approval of incentives, and revisions, are managed through the program Head Contracting Activity; NNSA incentives are approved by the NNSA Program Administrator. The approved NNSA incentives are included in the Performance Evaluation Plan (PEP) and are included as Attachment D of the PEMP.

## 2. PEMP Integrated Project Team (IPT)

An Integrated Project Team (IPT) has been established in accordance with DOE O 413.3B, *Program and Project Management for the Acquisition of Capital Assets*. The team's charter defines specific roles and responsibilities of the IPT. IPT roles and responsibilities are further defined in Savannah River Implementing Procedure (SRIP) 412.1, *Performance Evaluation and Measurement Plan*. Reference Attachment A, *Integrated Project Team (IPT) Charter*.

## 3. The PEMP Process

The PEMP process for SRNS is based on fiscal year performance as identified in the contract. The PEMP process is further defined in Savannah River Implementing Procedure (SRIP) 412.1, *Performance Evaluation and Measurement Plan*.

### 3.1 Incorporating DOE, EM and Site Mission

The DOE-SR publishes a Strategic Plan in support of DOE-EM and NNSA missions. The Strategic Plan articulates site vision and missions to successfully execute current missions, including sustainability and revitalization of site assets.

During the past several years federal and contractor staff worked together to define performance measures for strategies in order to develop performance statements, metrics and milestones. As a result of this effort, EM, NNSA and site missions are tied to the contract statement of work.

Functional areas of the contract Statement of Work identify mission-critical outcomes. Outputs and measures define how work is performed in order to meet the outcomes. This framework is used to develop criteria in the Performance Incentive Document (PID).

### 3.2 Performance Planning and modifications

The PEMP is developed with federal and contractor staff input. Both federal and contractor parties strive to reach mutual agreement on expected business, operational and technical performance and work together to develop incentives, descriptions and associated measures tied to contract level objectives, strategic goals and program objectives. Incentives and their associated fee demonstrate direct flow down of strategic goals and priorities.

EM and NNSA headquarters contracting authorities review and approve the PEMP and any change to an incentive's total amount of available fee. The Contracting Officer (CO) reserves the right to make unilateral decisions on all performance objectives and incentives (including the associated measures and targets) used to evaluate contractor performance, including any modifications.

The cost of contract fee is split between EM and NNSA and the ratio is approximately a 60/40 split. This EM fee amount is then further subdivided to each PBS based on funding, complexity and risk. EM Headquarters has given the DOE-SR Contracting Officer authority to manage contract fee, up to \$25M, thus any subsequent PEMP changes that occur at the PBS level are managed and approved by the DOE-SR CO.

The PEMP is developed and approved prior to the beginning of each evaluation period. Only the CO can change the PEMP. No changes will be made to the PEMP with less than 60 days remaining in the evaluation period.

### 3.3 Risk Management

DOE site management uses an integrated risk management process for the EM life cycle. This process provides programmatic risk analyses of work, establishes a process for identification and management of risks and integrates risk data from prime contractors, including SRNS.

The DOE-SR integrated approach to risk management ensures project teams and management are involved in risk identification, grading, handling, impact determination, and integration. The process concludes with preparation of the Risk & Opportunity Analysis Reports (ROAR) and contingency estimates contained in the DOE-SR Federal Risk Management Plan (FRMP) [DOE-SR Risk Summary and Integrated Contingency Analysis]. Each project ROAR provides a summary description of the integrated approach employed in the development of a project risk plan.

An assessment process is used to identify risks and opportunities associated with each project. The risks and opportunities are analyzed and strategies developed to ensure risks are managed to acceptable levels and opportunities are identified to improve the probability of successful completion of the project work scope. A detailed description of the methodology employed for the risk and opportunity assessment conducted by each of the Integrated Project Risk Teams appears in *Manual E11, Procedure 2.62 Project Risk and Opportunity Analysis*.

### 3.4 Performance Incentive Document (PID)

A Fee Allocation Model is developed by the IPT and is illustrated in Attachment B. It is used to illustrate distribution of fee based on weighting of funding, priority and complexity.

The PID identifies specific performance criteria that can be documented when completed, and an amount of fee, used as an incentive, associated with completing and documenting performance. The PID contains the following information statements: Performance Outcome, Contract Output, Description, Background, Justification, Number, Date, Fee, Completion Criteria, and Acceptance Criteria. The PID is further defined in Savannah River Implementing Procedure (SRIP) 412.1, *Performance Evaluation and Measurement Plan*.

### 3.5 Other Incentives

Incentives negotiated as a result of the cost reduction process per SRNS-RP-2009-01188, *SRNS Continuous Improvement System Implementation* will be managed per SRNS Contract clause I.42, DEAR 970.5215-4, Cost Reduction, in conjunction with the SRNS Continuous Improvement Process.

The CO may mutually negotiate with the contractor additional available fee for additional work not covered by the available budget. The funds for such work and the associated available fee are funded through the contractor's efficiencies in accomplishing the otherwise funded work. The additional work must be performed in a safe manner meeting all necessary requirements; and the performance of the additional work cannot affect the safe, proper performance of the otherwise funded work. Any additional work will be authorized in accordance with provision in the contract entitled, *Work Authorization System* and is considered above base scope. This additional work falls under the management of DOE O 412.1A, *Work Authorization System*.

Incentives created as a result of implementing the above contract clause and/or directive will be managed per separate contract requirements, and authorized through contract modification.

#### 4. Change Control

Performance incentives and fee allocation will not be changed unless there is a significant impact by a change to the scope of the contract, baseline or funding as directed by the government or government delay affecting the contractor's ability to achieve the stated performance incentives and measures in the PEMP. Any changes are subject to DEAR 970.5243-1, Changes, as provided in the contract and must be approved by the CO and Fee Determining Official (FDO).

1. All proposed changes to a PID will be discussed at scheduled Award-Fee Board/IPT meetings.
2. Following Fee Board/IPT discussion, the contractor will submit formal correspondence to the CO requesting the proposed change to the PID. The correspondence should include:
  - a. Any proposed change to the original incentive document
  - b. Proposed new incentives tied to the current Contract Performance Baseline (CPB)
  - c. Proposed fee allocation adjustment between current incentives and/or new incentives
  - d. Elimination of current incentives
3. Upon receiving correspondence from the contractor, the CO will consult the appropriate Assistant Manager/Office Director (AM/OD) and Subject Matter Expert to determine:
  - a. If the proposed change impacts the CPB
  - b. If the proposed change identifies new and/or unfunded scope
  - c. If the proposed change impacts multiple site organizations
4. If the proposed change *does not meet* any one of the above determinations, the CO will issue correspondence to the contractor approving such change to the PID that incorporates advice of the AM/OD and/or Subject Matter Expert.
5. If the proposed change *meets* any one of the above determination's, the CO will request the contractor develop and submit a Baseline Change Proposal (BCP) for review by the federal (site) configuration control board.
  - a. Following the recommendation of the federal configuration control board, the CO will issue correspondence to the contractor approving such change to the PID that incorporates the advice of the Fee Board.
6. The CO will issue a modification to the contract for any change to currently approved PID.
7. The CO may deny any proposed changes to the PID.

Action directed by CO correspondence is considered to be within scope of work of the existing contract. If the contractor considers that carrying out direction may increase contract costs or delay any delivery, the contractor shall promptly notify the CO orally, confirming and explaining the notification in writing as soon as possible, but within no more than five (5) working days. Following oral notification and submission of the written notice of impacts, the Contractor shall await further direction from the CO prior to implementing the action.

#### 5. Federal Oversight of Contractor Performance

Central to administration of the contract is assessment of contract performance. All federal employees performing assessments are expected to understand terms and conditions of the contract. In order to verify performance, a systematic process of assessment, analysis, documentation and feedback will be required. A range of assessment techniques from data/metric reviews and analysis, to review of self-assessments by the contractor, to formal multidisciplinary assessments will be employed. The assessments will be tailored based on the level of definition of the work requirements and complexity of the function.

Procedures for assessing contract performance are described in the SR Manual (SRM) 226.1.1D, *Integrated Performance Assurance Manual*. The intent of the oversight processes described in the manual is to assure contractor compliance with contract requirements, provide for timely identification and correction of deficient conditions, verify effectiveness of completed corrective actions, and pursue excellence through continued improvement. Additionally, the manual is intended to assist DOE in implementing the site contractor oversight system (a management framework of related processes to determine whether federal and contractor assurance programs are performing effectively and/or complying with DOE requirements).

The contractor oversight system is founded on an integrated safety management system (ISMS), emulating DOE P 450.4A, *Safety Management System Policy*. SRM 226.1.1D describes processes comprising the contractor oversight system, which enables DOE to: (1) clearly communicate requirements and expectations to contractors; (2) assess the quality, effectiveness, and efficiency of contractor assurance systems and resulting work products in complying with contract requirements; (3) effect continuous improvement in contractors' operations; and (4) enhance the effectiveness of DOE-SR oversight of contractor performance.

The contractor oversight system provides DOE site management information needed to make informed decisions regarding both contractor and DOE performance and to determine whether program corrections are necessary. Communicating requirements and expectations to the contractor is an essential component in the contractor oversight system. Requirements and expectations are communicated through the Statement of Work, special clauses, contract modifications, and through technical direction by the CO or representative.

SRM 226.1.1D provides detailed requirements for standardized scheduling, planning, conducting, reporting, and follow-up and closure activities for Type 1, 2, and 3 Assessments. Assessments are designed to provide managers with meaningful, accurate, and current information on the status of program compliance, productivity, and quality. Use of standardized assessment methods is a key feature of DOE site performance assurance.

## **6. Performance Evaluation**

The evaluation criteria of this plan are applicable at the contract level and not to individual projects or work objectives under the contract. As such, although this plan uses subjective evaluations to rate the contractor and determine the final amount of fee earned for overall contractor performance, objective measurements of contractor performance are included in the plan to support the FDO evaluation and articulate to the contractor what is expected to be achieved for program success during the evaluation period. The actual fee determination and the methodology for determining fee remain unilateral decisions made solely at the discretion of the Government, although the final fee determination is subject to the Disputes clause.

The contractor documents completion of incentives in the electronic Fee Invoicing System (FIS) and forwards documentation to the relevant DOE organization technical representative, who in turn will perform a verification of documentation to confirm output criterion has been met. This may also require an in-field validation. Validation of the work will be accepted, in accordance with the performance criteria, and documented in the DOE-SR STAR system and the FIS.

Upon verification, recommendation is forwarded through management to the Award-Fee Board. The Fee Board verifies documentation provided demonstrates satisfactory completion according to PID requirements through presentation by the AM/OD, including peer-level discussion. Fee recommendation to the FDO will be made according to the PID.

The contractor may perform self-assessment of their performance. The Fee Board will review any assessment provided by the contractor. If the Fee Board does not concur with the contractor's self-evaluation and recommendation, all such disagreements shall be expressed in a performance evaluation letter to the contractor. The contractor shall submit written comments and any supporting documentation to the Fee Board within five (5) working days of receiving the evaluation letter. Within ten (10) working days of receiving any contractor comments or reclama, the Fee Board shall provide the FDO a recommendation, including amount, rationale, and justification.

Disputes that occur during verification, and resolution is not forth coming between the contractor and the appropriate AM/OD, will be resolved by the Performance Fee Board during regularly scheduled meetings.

#### Evaluating Cost Control

Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of selected Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs, or estimate at completion costs, will be compared to costs planned for the current year.

#### **7. Payment of Fee**

Fee described herein is earned based upon the contractor's performance of the overall contract level requirement during the evaluation period. The contractor begins the evaluation period with 0% of the available fee and earns fee during the evaluation period. The potential for the contractor to earn 100% of the fee amount is a mutual goal as it demonstrates the program's objectives were clearly communicated and achievable.

The contractor requests provisional fee payment by submitting an invoice. Following verification by the relevant AM/OD a recommendation is forwarded to the Award-Fee Board and FDO. The FDO determines fee payment, following Award-Fee Board review and recommendation. Determination of fee earned is the unilateral decision of the FDO.

The contractor will be advised in writing of the amount and basis of the performance incentive fee determination. Performance incentive fee not earned during the performance period will not be allocated to future performance periods. However, fee may be allocated to new performance-based incentives as developed by the IPT, as long as the completion of the newly developed incentive does not extend beyond the evaluation period.

Fee is considered provisional throughout the performance period. The FDO unilaterally determines the total fee awarded to the contractor. Fee may be reduced per contract Section B.9, *DEAR 970.5215-3 Conditional Payment of Fee, Profit, and Other Incentives – Facility Management Contracts (JAN 2004) ALTERNATE II [JAN 2004] [DEVIATION]*.

Contract clause **H-33, PROVISIONAL PAYMENT OF INCENTIVE FEE**, allows provisional payment of fee for partial completion of subjectively evaluated [subjective] incentives. The contractor may request up to 50% of the total fee available for each subjective incentive. If requests are monthly, the contractor must use a 1/12 divisor; if requests are quarterly, then 1/4 divisor; if semi-annual, then 1/2 divisor. Provisional fee is not considered earned fee, and is contingent upon a final fee determination by the FDO.

Total available fee amount earned payments are made by direct payment or withdrawn from funds advanced or available under the contract, as determined by the CO. The CO may offset against any such fee payment the amounts owed to the government by the contractor, including any amounts owed for disallowed costs under the contract. No base fee amount, or total available fee amount, payment may be withdrawn against the cleared payments financing arrangement without the prior written approval of the CO.

The contractor has developed an automated FIS that uses measurement data from each PID. The contractor works with DOE to identify appropriate DOE approvers. The system assigns responsibility to each output so that the routing process ensures appropriate review by federal and contractor staff. Time limits are assigned to each step to

ensure smooth processing and timely approvals. The system notifies responsible approvers when the review / approval allotted time has been exceeded.

## **8. Government Furnished Services/Items (GFS/I)**

GFS/I are factored into the final fee determination for this incentive contract. GFS/I are identified in the Basis of Estimates (BOE) found in WBS dictionaries for specific tasks. The purpose of the GFS/I are to identify inherent government responsibilities that may pose some level of risk to the contractor in completing incentives. GFS/I are the burden of the government, mutually accepted as part of the performance agreement. If the Government fails to achieve GFS/I equitable adjustment may be made specific to the incentive. These adjustments, however, cannot exceed the maximum available fee for the specific incentive.

## **9. Reporting Requirements**

Contracting Officers and program officials shall consistently and accurately document real-time contractor performance and ensure that it is recorded both in detail in the contract files and in the appropriate format in Contractor Performance Assessment Reporting System (CPARs).

The contract requires each report must be accompanied by a letter or other document which:

- Identifies the contract number under which the item is being delivered; and
- Identifies the contract requirement or other instruction which requires the delivered item(s).

The contractor is responsible for maintaining all records and controlled documents related to the PEMP per DOE O 200.1A, *Information Management Program*, and DOE Order 243.1, *Records Management Program*.

Attachment A, Integrated Project Team (IPT) Charter

## INTEGRATED PROJECT TEAM (IPT) CHARTER

**IPT NAME:** PEMP Integrated Project Team (IPT)

**LEVEL OF IPT:** Savannah River Operations Office, Deputy Manager

### IPT MISSION/OBJECTIVES

The IPT provides site senior federal management a process for evaluating and measuring performance tied to strategic goals. This charter defines roles, responsibilities, authorities and accountabilities for this process. The mission of the IPT is to enable performance and help avoid potential barriers to success.

The Deputy Manager is the DOE-SR Executive Sponsor of the IPT and Fee Board Lead. The IPT is comprised of federal and contractor employees. Federal members include the CO, Performance Incentive Managers, Technical Leads, NNSA SRSO Manager and NNSA NA-262. Contractor members include Management and Operations (M&O) Vice President for Business Services, SRNS Director of Contracts, and Technical Leads. The IPT is augmented as necessary with Subject Matter Experts and matrix support personnel (both federal and contractor) who possess specific competencies, skills and expertise required for successful execution of projects.

The CO has authority to make final decisions on all performance objectives and incentives (including associated measures and targets) used to evaluate Contractor performance, in accordance with the Contract, Section H-28 (b). The DOE-SR Site Manager is an ex officio member of the IPT. The Site Manager is the FDO.

### SCOPE OF IPT RESPONSIBILITIES

#### *IPT Executive Sponsor/ Fee Board Lead*

The IPT Executive Sponsor also serves as the senior federal member of the Fee Board. The IPT Executive Sponsor is the federal official responsible for project success. In accordance with DOE O 413.3B, the IPT Executive Sponsor is responsible for the following:

- Charter and lead the IPT
- Schedule and hold IPT meetings
- Request support from DOE functional resources as required to resolve issues
- Lead Fee Board assessment and discussion of contractor performance
- Identify and resolve critical issues

#### *IPT Members*

IPT members are responsible for supporting the Executive Sponsor with technical and project management responsibilities during project execution. Members conduct and/or coordinate activities for their respective organizational element or functional area of responsibility. IPT members are responsible for the following:

- Ensure interfaces are identified, defined, and documented
- Review and assess performance and project status against parameters, baselines, milestones, and deliverables
- Support the IPT Executive Sponsor
- Review and comment on deliverables

The names of IPT members listed below are current as of the issue date of this charter. Names or functional responsibilities may change at the discretion of the IPT Executive Sponsor without having to modify or update this charter. The Table identifies IPT members, Fee Board members, and Technical Leads.

#### *Award-Fee Board Organization*

The Fee Board is a subset of the IPT. The Fee Board is comprised of federal IPT members. Fee Board members discuss proposed revisions to PID and incentive documentation, review supporting documentation for fee payment determination, and make recommendations to the FDO via the Fee Board Lead.

The Fee Board is responsible for assuring quality assessments have been completed for fee-bearing work, and that the assessment has been formally documented per site directives before recommending payment of fee to the FDO.

***Fee Board Rules of Conduct***

**Call to Order:**

The IPT Executive Sponsor, acting as Fee Board Lead, will call the Fee Board portion of the meeting to order following dismissal of all non-federal IPT members.

**Fee Board presentation:**

The Fee Board Lead will open the floor for federal staff to discuss IPT presentations regarding matters such as proposed revisions to PID, supporting documentation for fee payments, or general discussion of performance. The Performance Incentive Manager leads the presentation related to his/her PID. Other Fee Board members may discuss the presentation and make recommendations to the Performance Incentive Manager.

**Fee Board determinations:**

Following Fee Board presentations, or if there are none, the Fee Board Lead will lead an informal review and discussion of completed fee-bearing work that is being considered for invoicing, including supporting documentation for fee payment determination. Performance Incentive Managers, or their designee, are responsible for discussing completion documentation and evaluation of performance of the fee-bearing work.

Following discussion, Fee Board members make a motion to:

- Accept the recommendation of the Performance Incentive Manager for the incentive as described in the invoice;
- Accept the recommendation of the Performance Incentive Manager, but request additional documentation be added to document satisfactory completion of the incentive as described in the invoice;
- Require additional documentation in order to recommend a determination.
- Require federal manager attend next scheduled Fee Board to discuss adequate documentation in order to recommend a determination.

Fee Board members may support, or second, the motion and provide discussion. No quorum is required for the Fee Board meeting. The Fee Board Lead, observing no objections, shall accept the motion with Manager NNSA SRSO, or designee, concurrence.

NAME	FUNCTION	ORGANIZATION
MOODY, Dave	IPT Member [ex officio] DOE Fee Determining Official [FDO]	DOE-SR Site Manager
SPEARS, Terrel	IPT Executive Sponsor/Co-Fee Board Lead	DOE-SR Deputy Manager
HINTZE, Doug	IPT/Co-Fee Board Lead/Performance Incentive Manager	Assistant Manager for Mission Support (AMMS)
MCGUIRE, Pat	IPT/ Performance Incentive Manager	Assistant Manager for Nuclear Material Stabilization Project (AMNMSP)

FOLK, Jim	IPT /Performance Incentive Manager	Assistant Manager for Waste Disposition Project (AMWDP)
ADAMS, Angelia	IPT/ Performance Incentive Manager	Assistant Manager for Infrastructure & Environmental Stewardship (AMI&ES)(acting)
MCGUIRE, Pat	IPT/ Performance Incentive Manager	Director, Office of Laboratory Oversight (OLO)
DEAROLPH, Douglas	IPT/Fee Board Member/Performance Incentive Manager	Manager NNSA SRSO
ALLISON, Jeff	IPT/ Performance Incentive Manager	Manager NNSA NA-262
LOVETT, James	IPT Member [ex officio] Fee Board Member	Contracting Officer M&O Contract
DAVIS, Peggy	IPT Member	Sr. Vice President SRNS Support Services
TEMPLE, John	IPT Member	Sr. Vice President SRNS Contracts Management
CHRISTIAN, John	DOE IPT Technical Lead	Program Analyst for Mission Planning Division
GREGORY, Johnna	SRNS IPT Technical Lead	SRNS Contracts Management

**Attachment B, Fee Allocation Model**

**Funding Assumptions for Fee Allocation**

Funding for fiscal year 2015 represents targets SRNS will use in the FY14-18 Baseline Update, with DOE-SR concurrence. These funding targets reflect a “reasonable” program that is regulatory compliant. Any changes to these funding targets will require analyses to determine impacts at the Contract Output level.

**Fee Allocation (based on current funding assumptions)**

Funding comes from EM Project Baseline Summaries (PBS) and NNSA funds. Funds are divided into two categories: contract scope cost that is directly funded (direct) and contract scope cost for support activities funded indirectly by placing a tax on individual funds.

See table below for FY15 estimated funding:

<b>President’s Budget</b>	<b>Funding Source:</b>
\$247,248,000	PBS 11C
41,010,000	PBS 12
37,346,000	PBS 13
62,106,000	PBS 30
25,207,000	PBS 20 (EM Safeguards & Security)
<b>\$412,917,000</b>	<b>Total EM Funding</b>
80,794,000	Nuclear Nonproliferation Funding
199,500,000	Defense Programs Funding (Includes NNSA Safeguards & Security)
<b>\$693,211,000</b>	<b>Total Projected Funding without Minors and WFO</b> [NOTE: This does not include ESS/Legacy pension support to SRR (PBS 14C)]

TABLE 1

The M&O contract identifies \$45,730,000 available fee for the contract period (October 2014 through September 2015). When the fee is subtracted from the Total Projected Funding, the fee base in entire fiscal year 2015 becomes \$647,481,000.

For fiscal year 2015, EM provides 60 percent of the Total Projected Funding, while NNSA provides 40 percent. This percentage is used to allocate the contract fee between EM and NNSA. For fiscal year 2015, EM will manage \$27M of fee applied to incentive work for the evaluation period. NNSA will manage \$18M of fee applied to incentive work for the evaluation period.

Performance Incentive Documents in Attachment C (EM) and Attachment D (NNSA) were developed based on the current President’s budget for fiscal year 2015, adjusted by DOE-SR. Work described is based on the current contract. Actual performance of contract outputs may be revised based on an approved fiscal year budget, continuing resolution, program execution guidance, and/or available funding. All work is performed within existing financial agreements and authorization.

EM Fee is distributed based on the projected funding as indicated below:

PBS	President's Budget	Fee Distribution	Percent
PBS 11C	\$ 247,248,000.00	\$ 16,310,271.00	7%
PBS 12	\$ 41,010,000.00	\$ 2,705,317.00	7%
PBS 13	\$ 37,346,000.00	\$ 2,463,613.00	7%
PBS 30	\$ 62,106,000.00	\$ 4,096,962.00	7%
PBS 20	\$ 25,207,000.00	\$ 1,662,837.00	7%

TABLE 2

The following table depicts the DOE-SR EM incentives summary by program for the fiscal year 2015 performance period:

PBS	DOE Program	SRNS Activity	Direct	Indirect	Total
PBS 11C + 12	Nuclear Material Stabilization	Env Mgmt Ops (EMO)	\$ 8,000,000.00	\$ 11,015,588.00	\$ 19,015,588.00
PBS 13	Solid Waste Disposition	Solid Waste (SW)	\$ 1,850,000.00	\$ 613,613.00	\$ 2,463,613.00
PBS 30	Env Stewardship	Area Completion Project	\$ 3,200,000.00	\$ 896,962.00	\$ 4,096,962.00
PBS 20	OSSES	EM S&S	\$ -	\$ 1,662,837.00	\$ 1,662,837.00
<b>Total</b>			\$ 13,050,000.00	\$ 14,189,000.00	\$ 27,239,000.00

TABLE 3

The following table depicts the DOE-SR EM Indirect incentives summary for the fiscal year 2015 performance period:

Indirect	Objective	Subjective	Total
Landlord Services	\$ 4,550,000.00	\$ -	\$ 4,550,000.00
SRNL	\$ 4,250,000.00	\$ -	\$ 4,250,000.00
Management	\$ -	\$ 5,389,000.00	\$ 5,389,000.00
<b>Total</b>	\$ 8,800,000.00	\$ 5,389,000.00	\$ 14,189,000.00

TABLE 4

Attachment C, EM Performance Incentive Documents for fiscal year 2015



## Performance Incentive Document

<b>PID Number:</b>	SRNS2015EMO	
<b>Activity Name:</b>	Environmental Management Operations	
<b>WBS Number:</b>	1.29.20.04, 1.29.20.05	
<b>Performance Period:</b>	October 1, 2014 - September 30, 2015	
<b>Allocated Fee:</b>	\$8,000,000.00	
<b>Revision Number:</b>	0	
<b>Senior level manager/Performance Incentive Manager:</b>	Pat McGuire Assistant Manager for Nuclear Material Stabilization Project (AMNMSP)	
<b>Senior technical advisor:</b>	Allen Gunter	
<b>Contract Performance Outcome:</b>		
<p>Receive, store, ship, and disposition nuclear materials in a safe, and secure manner. Operate and maintain the H Canyon Complex to support disposition of nuclear materials. Receive Foreign Research Reactor (FRR) and Domestic Research Reactor (DRR) used nuclear fuel (UNF) in L Basin in coordination with the NNSA Nuclear Nonproliferation Program and other applicable DOE programs. Expand KAC capacity with construction of the Final Storage Vault and expand capabilities with implementation of planning activities for WIPP blending while maintaining DOE-STD-3013 DE surveillances. Implement risk reduction actions at 235-F and reduce F-Area costs.</p>		
<b><u>Contract Output SRNS2015EMO-01: (Cost Control)</u></b>		
Receive, characterize, and disposition materials in H-Area.		
<b>Description/Background/Justification:</b>		
<p>Activities associated with the contract outputs support receipt and disposition of vulnerable used nuclear fuels (UNF), FRR/DRR and down-blending of oxides for shipment to WIPP to support DOE Strategic Objectives. These objectives include: maximizing risk reduction of surplus nuclear materials, supporting nuclear nonproliferation, and utilizing DOE-SR facilities to disposition surplus nuclear materials.</p> <p>NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.</p> <p><b>Up to \$3,425,000 of the allocated fee will be paid for this Contract Output.</b></p>		

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015EM O-1.01	9/30/15	\$200,000	Ship 1 LEU trailer to Areva to meet TVA contract requirements.
<b>Acceptance Criteria</b>			
DOE-SR will validate the LEU shipment via the MC&A Form 741 transfer documentation for the LEU shipment(s).			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015EM O-1.02	a) 12/31/14 b) 3/31/15	a)\$500,000 b)\$200,000	a) Dissolve 2 batches of MTR fuel in 6.4D. b) Complete Head End RA and declare readiness for MTR fuel.
<b>Acceptance Criteria</b>			
DOE-SR will review H Canyon a) procedures or engineering memo documenting completion of charging and dissolution and b) H-Canyon Readiness Assessment documentation.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015EM O-1.03	6/30/15	\$250,000	Complete 1 <sup>st</sup> and 2 <sup>nd</sup> Cycle RAs and declare readiness for MTR fuel.
<b>Acceptance Criteria</b>			
DOE-SR will review H Canyon Readiness Assessment documentation.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015EM O-1.04	3/31/15	\$250,000; \$125,000 fee paid 1 <sup>st</sup> and 2nd quarter only	Perform Canyon Cold Run to address equipment operability and maintain operator proficiency.
<b>Acceptance Criteria</b>			
DOE-SR will review the completed Cold Run Operations start-up and shut-down procedures and summary data sheets for the one cold run performed during the respective quarters.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015EM O-1.05	9/30/15	\$200,000	Complete HFIR preps and declare readiness for HFIR fuel.
<b>Acceptance Criteria</b>			
DOE-SR will review the H Canyon HFIR Readiness Assessment documentation for completeness.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015EM O-1.06	9/30/15	\$500,000	Dissolve one batch of Pu (approximately 20 kgs).
<b>Acceptance Criteria</b>			
DOE-SR will review dissolving procedures or MC&A signed data sheet.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015EM O-1.07	4/30/15 (a and b)	\$300,000: a)\$150,000  b)\$150,000	a) Implement Waste Min. actions to control costs. (Cost Control). b) Return Acid Recovery Unit to service and turnover to operations.
<b>Acceptance Criteria</b>			
DOE-SR will review the Liquid Waste Minimization actions by procedure or document review a) Review Waste Min. actions; b) Walk down and/or review construction work packages or Ops turnover checklist.			
NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does			

not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015EM O-1.08	4/30/15	\$150,000	Submit SRNS approved DSA for liquid HEU and annual update

**Acceptance Criteria**  
 DOE-SR will review the SRNS approved DSA/TSR supporting liquid HEU (prepared in accordance with 10 CFR 830).

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015EM O-1.09	9/30/15	\$300,000	Complete Hot Side PVV filter flush including procedure development for performing the flush, establishing piping routes, discard of the filter flush solution to LW and completion of the Unreviewed Safety Question Evaluation (USQE).

**Acceptance Criteria**  
 DOE-SR will review the SRNS completed procedures and USQE documentation (prepared in accordance with 10 CFR Part 830 and DOE G 424.1-1).

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015 EMO-1.10	a) 6/30/15 b) 9/30/15	a) \$175,000 b) \$200,000	a) Submit approved HEU Liquids CD-2 b) Relocate both the Container Retrieval System and the Container Unloading Station apparatus to H Area.

**Acceptance Criteria**  
 DOE-SR will a) verify that all designs completed and a Title II estimate is completed, and b) verify by work package or visual inspection that both systems have been relocated and that the planned equipment mockup and cold testing by SRNL has been completed.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015EM O-1.11	3/31/15	\$100,000	Install bundle storage in the Canyon, qualify operators with dummy bundles, and place into service.

**Acceptance Criteria**  
 DOE-SR will observe bundle storage installed in the Canyon or observe select operators storing a dummy bundle or review the Crane operators training evaluation form.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015EM O-1.12	9/30/15	\$100,000	Replace Railroad Roll-up Door at exterior of airlock.

**Acceptance Criteria**  
 DOE-SR will observe that the Railroad Roll-up door has been replaced or view completed construction work package.

**Contract Output SRNS2015EMO-02:**

Receive, store, characterize and disposition surplus plutonium and uranium materials in K Area.

**Description/Background/Justification:**

K Area will continue to perform surveillance of the DOE-STD-3013 containers in storage. K Area will continue to receive and store containers of surplus plutonium and uranium from off-site. K Area facilities will initiate the planning to allow disposition of surplus plutonium oxide for future transfer to WIPP. K Area Final

Storage Vault RA, implementation of the DSA and project close out will be performed.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to \$1,475,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015EM O-2.01	9/30/15	\$500,000: \$125,000 paid quarterly.	Prepare, receive, and store shipped containers of surplus plutonium and uranium in K Area in accordance with a schedule maintained by DOE-SR and issued by DOE-SR shortly before the shipment.

**Acceptance Criteria**

DOE-SR will review SOP-PHS-001-K to verify receipts to KAC or review operator and FLMs MSA qualifications to verify facility is ready to receive.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015EM O-2.02	9/30/15	\$225,000: \$25,000 per can, invoiced quarterly.	Complete 9 Destructive Evaluation (DE) Surveillances on DOE-STD-3013 Storage Containers.

**Acceptance Criteria**

DOE-SR will review K-Area Interim Surveillance Log Sheet (FRM-CSS-002-K or equivalent) and the Surveillance Program Authority (SPA) Data Set 1 parameters for the DE sample.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015EM O-2.03	a) 11/30/14 b) 9/30/15	\$450,000: a)\$200,000 b)\$250,000	K-Area will a) Complete CD-4 for Final Storage Vault and submit to DOE, and b) Establish a Pu disposition line and complete all tasks through Readiness Declaration.

**Acceptance Criteria**

DOE-SR will review the a) Readiness Declaration report and closed "A" corrections (characterization & TRUPACT loading may be performed in another area) and b) completed CD#4 for Final Storage Vault.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015EM O-2.04	9/30/15	\$200,000: \$10,000 per can	K Area will perform Pu Non-Destructive Evaluation (NDE) measurements on 20 different cans.

**Acceptance Criteria**

DOE-SR will review the non-destructive analysis measurement form for completeness.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015EM O-2.05	9/30/15	\$100,000	Support IAEA Inventory Inspections upon request in accordance with a schedule provided by external sources. Inspections will be completed using approved guidelines and procedures.

**Acceptance Criteria**

DOE-SR will validate that KAC personnel provided adequate preparation and support during the IAEA Inventory inspections.

**Contract Output SRNS2015EMO-03: (Cost Control)**

Reduce risks at 235-F and improve F-Area infrastructure.

**Description/Background/Justification:**

This contract output supports innovative and cost effective means to implement the 235-F risk reduction Implementation Plan actions while reducing costs to the F-Area baseline.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to \$1,100,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria: (Cost Control)
SRNS2015EM O-3.01	9/30/15	\$500,000	Complete activities to reduce F Area S & M in accordance with a DOE-SR approved S & M reduction plan; (Cost Control).

**Acceptance Criteria**

DOE-SR will review the F-Area S&M reduction items for completeness in accordance with a DOE-SR approved S & M reduction plan.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015EM O-3.02	9/30/15	\$600,000: \$150,000 paid at completion of each action item as noted.	SRNS will complete the following 235-F Risk Reduction Actions and provide to DOE for review. 1) Complete Contractor RA for Deactivation Basis for Interim Operation (DBIO) implementation by 1/30/15. 2) Complete cell restoration activities (window cleaning, glove installation, lighting restoration) by 6/30/15. 3) Begin field repair or replacement of first manipulator by 9/30/15. 4) Complete enhanced characterization of cells 6-9 by 9/30/15.

**Acceptance Criteria**

DOE-SR will review the SRNS approved and completed 235-F IP actions.

**Contract Output SRNS2015EMO-04:**

Receive, unload, and store Used Nuclear Fuel (UNF) in L Area.

**Description/Background/Justification:**

L-Area will continue to provide receipt and unloading support for off-site fuel, loading/shipping of UNF to H Canyon to disposition the UNF, and Augmented Monitoring and Condition Assessment Program (AMCAP) support to maintain the facilities in a safe and operable condition.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to \$2,000,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015EM O-4.01	9/30/15	\$500,000: \$125,000 paid quarterly	Receive and unload FRR/DRR fuel per schedule.

**Acceptance Criteria**

DOE-SR will review Cask Data Sheets for casks received and unloaded against the Receipt and Unloading Schedule Agreement. During quarters that fuel is not received, documentation will be provided for review showing readiness to receive was maintained.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015EM O-4.02	9/30/15	\$250,000	Galvanic Corrosion – Complete galvanic isolation of at least one bucket.

**Acceptance Criteria**

DOE-SR will validate that galvanic isolation field work was completed on at least one bucket in support of the AMCAP program by review of completed work packages and with walk-throughs.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015EM O-4.03	9/30/15	\$500,000	Perform continued material characterization tests (compression, microstructure, pH, chemical, microscopic) on designated concrete samples from C Basin and review preliminary results with AMCAP Independent Review Committee (IRC).

**Acceptance Criteria**

DOE-SR will validate that the AMCAP IRC has reviewed the preliminary test results produced by the AMCAP Team.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015EM O-4.04	9/30/15	\$250,000	SRNS to continue housekeeping efforts in L Basin.

**Acceptance Criteria**

DOE-SR will validate that the items have been removed from the Basin/Facility by visual examination.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015EM O-4.05	9/30/15	\$500,000	Complete readiness to receive NRU/NRX in accordance with the readiness assessment plan.

**Acceptance Criteria**

DOE-SR will validate that the L-Area NRU Readiness to receive fuel has been completed.



## Performance Incentive Document

<b>PID Number:</b>	SRNS2015SW	
<b>Activity Name:</b>	Solid Waste	
<b>WBS Number:</b>	1.29.32.25	
<b>Performance Period:</b>	October 1, 2014 – September 30, 2015	
<b>Allocated Fee:</b>	\$1,850,000	
<b>Revision Number:</b>	0	
<b>Senior level manager/Performance Incentive Manager:</b>	Jim Folk Acting Assistant Manager for Waste Disposition (AMWD)	
<b>Senior level supervisor/division manager:</b>	Jean Ridley	
<b>Contract Performance Outcome:</b>		
<p>The Contractor shall manage the Solid Waste Program to safely and effectively prevent and/or minimize the generation of solid waste to include hazardous, low level, transuranic, mixed, and municipal sanitary wastes. The Contractor shall ensure that the handling, treatment, storage, transportation and disposal of the remaining “legacy” and the newly generated solid waste is environmentally sound and in compliance with DOE Directives, and applicable regulations and requirements.</p> <p>The Contractor shall manage and integrate site-wide solid waste recycling, treatment, storage, disposal and transportation activities and implement waste minimization/pollution prevention initiatives. The Contractor shall also provide on-site/off-site waste generators with technical support and verification of compliance with waste acceptance criteria, including Safety Basis and Performance Assessment objectives.</p>		
<b>Contract Output: SRNS2015SW-01</b>		
<p>There are two areas of primary focus taken from the Contract Performance Outcome: 1) ensure the transportation, handling, storage, and disposal of low level waste is environmentally sound, cost effective, and in compliance with DOE Directives, applicable regulations, and requirements; and 2) continued cleanup of the site associated with legacy activities.</p>		
<b>Description/Background/Justification:</b>		
<p>Timely disposal of LLW will facilitate waste generators’ normal operations, prevent potential spread of contamination, ensure regulatory compliance, reduce the need for waste storage space, maximize labor resource utilization and reduce the overall cost of DOE-SR waste management. DOE Order 435.1 drives the timely disposal of wastes generated at DOE sites.</p>		

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to \$1,850,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015 SW-1.01	9/30/15	\$900,000: \$225,000 per quarter	LLW will be disposed in a timely manner such that in-storage time will be < 3 months in duration.

**Acceptance Criteria**

DOE will perform validation by reviewing, on a quarterly basis, the time in storage for the LLW not permanently disposed.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015 SW-1.02	6/30/15	\$100,000	Submit 5 year revision to the 2000 RCRA Part B Permit Renewal Application (U), Volume XIII, Book 1 of 1, TRU Pads 3-6, 14-19, and 26 Facility to SC-DHEC. The Revision will include changes to the TRU Closure Plan in support of less restrictive language (potential contamination) and allow individual pad partial closure (Pad 16).

**Acceptance Criteria**

DOE will review and approve revision submittal to SC-DHEC.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015 SW-1.03	9/30/15	\$150,000	Complete implementation of DSA revision to implement changes in MELCOR Accident Consequence Code System (MACCS) assessment.

**Acceptance Criteria**

DOE will perform independent validation of implementation.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015 SW-1.04	9/30/15	\$400,000	Complete construction as described in the Interim Measures Plan (document number will be added when available) for TRU Pad 16.

**Acceptance Criteria**

DOE will perform independent validation of implementation.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015 SW-1.05	9/30/15	\$250,000	Dispose of 100 legacy contaminated TRU storage culverts as LLW, backfill with soil cover, and grade to direct rain water away from buried waste.

**Acceptance Criteria**

DOE will review disposal documents.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015SW -1.06	9/30/15	\$50,000	The overall objective is to reach a 50% recycling rate of routine waste through the North Augusta Material Recovery Facility (NAMRF) by the end of FY15.

**Acceptance Criteria**

DOE will verify that the 766-H and 704-S cafeteria waste will be segregated and sent directly to Three Rivers Landfill. The contractor will also provide evidence of partnering with the NAMRF.



# Performance Incentive Document

<b>PID Number:</b>	SRNS2015ACP		
<b>Activity Name:</b>	Area Completion Project		
<b>WBS Number:</b>	1.29.32.01, 1.29.32.02, 1.29.32.03, 1.29.32.04, 1.29.32.05, 1.29.32.06		
<b>Performance Period:</b>	October 1, 2014 – September 30, 2015		
<b>Allocated Fee:</b>	\$3,200,000		
<b>Revision Number:</b>	0		
<b>Senior level manager/Performance Incentive Manager:</b>	Angelia Adams Assistant Manager for Infrastructure & Environmental Stewardship (AMI&ES)		
<b>Senior level supervisor/division manager:</b>	Angelia Adams		
<b>Contract Performance Outcome:</b>			
Meet all regulatory commitments, develop and implement alternative long range strategies, technologies and approaches in the refinement of the Area Completion Strategy and long-term stewardship.			
<b>Contract Output SRNS2015ACP-01:</b>			
Meet all FFA Milestones, RCRA Permit and CERCLA Record of Decision (ROD/Interim ROD) commitments due between October 1, 2014, and September 30, 2015, as described in the Federal Facility Agreement for the DOE-SR (Administrative Document # 89-05-FF) and the DOE-SR RCRA Part A & B Permits (SC 1890 008 089) to meet the Area Completion Strategy.			
<b>Description/Background/Justification:</b>			
Full compliance with all Area Completion Project FFA milestones, RCRA Permit and CERCLA Record of Decision (ROD/Interim ROD) commitments will allow DOE-SR to meet regulatory requirements that will meet the Area Completion Strategy to clean up the DOE-SR's Savannah River Site and reduce the footprint. Establishing regulatory commitments and milestones is the most direct way for the regulators and stakeholders to measure the progress of DOE EM cleanup activities at DOE-SR's Savannah River Site. The regulatory and stakeholder support of the DOE-SR depends on continued full regulatory compliance and achievement of commitments and milestones.			
NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.			
<b>Up to \$2,500,000 of the allocated fee will be paid for this Contract Output.</b>			
<b>Number</b>	<b>Date</b>	<b>Fee</b>	<b>Contract Output Completion Criteria:</b>
SRNS2015	3/31/15	\$1,250,000	All RCRA Permit commitments and FFA milestones are

ACP-1.01			achieved from October 1, 2014, through March 31, 2015.
<b>Acceptance Criteria</b>			
All FFA milestones and RCRA Permit commitments are met by the milestone/submittal dates ensuring DOE-SR goals to maintain regulatory compliance in accordance with the RCRA Permit Renewal (SC1 890 008 989) and the Federal Facility Agreement for the DOE-SR (Administrative Docket No. 89-05-FF), and meet all FFA milestones and RCRA Permit commitments avoiding potential fines and civil or criminal penalties are met. Documentation is provided demonstrating that milestone/submittal dates and goals were met which will be verified by a DOE ACP review of Document Status information and/or the Administrative Record File. DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.			
<b>Number</b>	<b>Date</b>	<b>Fee</b>	<b>Contract Output Completion Criteria:</b>
SRNS2015 ACP-1.02	9/30/15	\$1,250,000	All RCRA Permit commitments and FFA milestones are achieved from April 1, 2015, through September 30, 2015.
<b>Acceptance Criteria</b>			
All FFA milestones and RCRA Permit commitments are met by the milestone/submittal dates ensuring DOE-SR goals to maintain regulatory compliance in accordance with the RCRA Permit Renewal (SC1 890 008 989) and the Federal Facility Agreement for the DOE-SR (Administrative Docket No. 89-05-FF), and meet all FFA milestones and RCRA Permit commitments avoiding potential fines and civil or criminal penalties are met. Documentation is provided demonstrating that milestone/submittal dates and goals were met which will be verified by a DOE ACP review of Document Status information and/or the Administrative Record File. DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.			
<b>Contract Output: SRNS2015ACP-02: (Cost Control)</b>			
Prepare a Laboratory Cost Benefit Analysis for use in the decision making process.			
<b>Description/Background/Justification:</b>			
<p>The DOE-SR Savannah River Site requires analysis of thousands of samples each year in support of the Environmental Monitoring and site cleanup activities. Over the past years, the capacity and turnaround time of offsite laboratories, as well as the reliability of the shipping industry, have improved to the point that offsite laboratories may be the most cost-effective option for analyzing DOE-SR samples. This approach has been implemented successfully at other DOE cleanup sites.</p> <p>The cost effectiveness of the current analytical utilization of onsite laboratories versus utilization of offsite laboratories for all of EC &amp; ACP samples will be evaluated.</p> <p>NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.</p> <p>Up to \$100,000 of the allocated fee will be paid for this Contract Output.</p>			
<b>Number</b>	<b>Date</b>	<b>Fee</b>	<b>Contract Output Completion Criteria:</b>
SRNS2015 ACP-2.01	9/30/15	\$100,000	Prepare and provide to DOE the Laboratory best value Cost Study evaluation for environmental and remediation samples performed onsite in the Environmental Bioassay Laboratory versus sending the samples to an offsite contract laboratory; (Cost Control).
<b>Acceptance Criteria</b>			
EC & ACP will conduct a best value study for analytical data determination for environmental and remediation samples performed onsite in the Environmental Bioassay Laboratory versus sending the samples to an offsite contract laboratory. This information will be documented and will be submitted to DOE-SR. DOE-SR will validate acceptance of the incentive based on receipt of the document.			

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

**Contract Output SRNS2015ACP-03: (Cost Control)**

Complete the Mixed Waste Management Facility (MWMF) drainage enhancements.

**Description/Background/Justification:**

DOE-SR is required to maintain facilities in accordance with the requirements of the Resource Conservation and Recovery Act (RCRA) Permit, Section I.2.3.2, Runoff Maintenance Activities.

Storm water run-off from the Mixed Waste Management Facility (MWMF) cap is discharged into a network of concrete channels prior to entering the sedimentation basins. Over the years of operation, sediments have accumulated at the inlet of some of the weep holes (1 inch diameter subsurface pipes located below the vegetation layer and above the clay liner penetrating through concrete channel sidewall.) The function of these weep holes is to drain the build-up of subsurface water located above the clay liner and behind the concrete channel walls into the concrete channels. As a result of the blockage within the weep holes, water build-up behind and beneath the concrete channels are damaging the concrete channels. To enhance the subsurface water drainage system and resolve this maintenance item, the DOE-SR will be replacing these weep holes with a Multi-Flow drainage system (French Drainage) to increase the drain capacity behind the concrete channels and minimize the clogging. The new system will be installed behind the channel side walls below the existing grade, above the clay liner (clean area), with an installation of an outlet pipe placed through the concrete channel side wall into the channel at several locations. The system will allow water accumulation behind the channel to flow freely into the channel and subsequently to the sedimentation basins.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to \$300,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015AC P-3.01	9/30/15	\$300,000	Complete the Mixed Waste Management Facility (MWMF) drainage enhancements; (Cost Control).

**Acceptance Criteria**

DOE-SR will validate the completion of this scope through a facility walk down and a signed Final Acceptance Inspection form (FAI-51), verifying scope completion.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

**Contract Output SRNS2015ACP-04:**

Perform silver chloride injection at the F-Area Seepage Basin.

**Description/Background/Justification:**

The groundwater plume emanating from beneath the F-Area seepage basins is relatively acidic and contains low level of both chemical and radiological contaminants. The low pH groundwater solubilizes minerals/metals including aluminum and uranium from the subsurface and enhances contaminant mobility by keeping them in a dissolved phased. Groundwater barriers have been installed per the latest corrective action plan to reduce the mobility of the contaminants. The barriers form a funnel and gate system that along with operation of the base injection system comprises the current corrective action. The basic solutions that are injected into the gates consist of a mixture of sodium hydroxide (NaOH) and sodium bicarbonate (NaHCO<sub>3</sub>), and have proven to be effective in the precipitation of metals from the acidic groundwater. This precipitation process has improved the water quality at the seep line and in Fourmile Branch.

Iodine-129 (I-129) is also present in the groundwater and Fourmile Branch. I-129 concentrations in the groundwater are not affected by the injection of base. The DOE-SR has developed an innovative in-situ treatment for I-129 using silver chloride (AgCl). The AgCl amendment has a very small particle size and is designed to be injected into the contaminated aquifer to capture I-129. When I-129 comes in contact with AgCl it forms silver iodide (AgI), which is very stable and essentially insoluble in water. Successful treatment of the Iodine-129 will ensure DOE-SR compliance with the goals established in the RCRA Part B Permit.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to \$100,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015AC P-4.01	9/30/15	\$100,000	Complete silver chloride injection campaign at the F-Area Seepage Basin central gate.

**Acceptance Criteria**

EC & ACP will complete and document the injection process. The results are needed to support future RCRA permit commitments.

DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.

**Contract Output SRNS2015ACP-05:**

Support DOE approval of the D-Area Ash Basins and Landfill Closure Project Critical Decision (CD) 2/3, Approve Performance Baseline/Approve Start of Construction.

**Description/Background/Justification:**

The DOE-SR Savannah River Site Cleanup was initiated in the early 1980's. Remediation of waste units and groundwater began in 1987 with the issuance of the DOE-SR Resource Conservation and Recovery Act (RCRA) permit. In 1989, DOE-SR was placed on the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) National Priorities List (NPL) of sites targeted for assessment and potential restoration. In 1993, the Department of Energy (DOE) Savannah River Operations (SR), the Environmental Protection Agency (EPA), and the South Carolina Department of Health and Environmental Control (SCDHEC) entered into a legally enforceable Federal Facilities Agreement for the DOE-SR (WSRC 1993) (FFA) to ensure DOE-SR cleanup satisfies regulatory requirements.

After 59 years of operation, the D Area Powerhouse was shutdown in 2012. During its years of operation, the facility burned approximately 160,000 tons of coal per year. Deactivation activities began following the shutdown. As a result of the shutdown of the powerhouse, continued operations of the 488-1D and -2D Ash Basins, the 488-4D Landfill and the 489-D Coal Pile Runoff Basin are no longer needed and would require remediation.

Based on the requirements of DOE O 413.3B, a tailoring strategy for the D Area Ash Basins and Landfill Project will be used in accordance with the current EM Portfolio Management Framework. The framework allows the project to include components of Operations Activities and Capital Asset Project work. The operation activities component will include site preparation and the capital asset activities will include isolation of ash.

DOE Order 413.3B states that when the Department, Congress or a regulatory agreement transfers or formally assigns cleanup responsibilities for a parcel of land or facilities to EM for cleanup, this will serve as the basis for a "Mission Need" in support of CD-0 approval by the Acquisition Executive (AE) is established. The D Area Ash Basins and Landfill are included in the approved 2013 DOE-SR Federal Facility Agreement Appendix E, "Long-term Commitments" as enforceable regulatory milestones.

Closure of the D Area Basins and Landfill will meet the goals outlined by the U.S. Department of Energy and the Office of Environmental Management, as well as, the negotiated agreements with the SCDHEC and EPA identified in the SR FFA and state regulations for industrial waste water treatment and solid waste landfills. Isolation of ash is required by CERCLA and state regulations to eliminate any human or ecological exposure to toxic metal contaminants in the ash. The completion of the D-Area Ash Basins and Landfill Closure Project will meet South Carolina Permit closure requirements and enforceable agreement milestones in the Federal Facility Agreement avoiding significant civil and criminal fines and penalties.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

**Up to \$200,000 of the allocated fee will be paid for this Contract Output.**

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015AC P-5.01	9/30/2015	\$200,000	Support DOE approval of the D-Area Ash Basins and Landfill Closure Project Critical Decision (CD) 2/3.

**Acceptance Criteria**

EC & ACP will complete and submit the Critical Decision (CD) 2/3 package to DOE-SR for the D-Area Ash Basins and Landfill Closure Project. DOE-SR will validate acceptance of the incentive based on receipt of the document.



# Performance Incentive Document

<b>PID Number:</b>	SRNS2015SRNL
<b>Activity Name:</b>	Savannah River National Laboratory (SRNL)
<b>WBS Number:</b>	Numerous
<b>Performance Period:</b>	October 1, 2014 – September 30, 2015
<b>Allocated Fee:</b>	\$4,250,000
<b>Revision Number:</b>	0
<b>Senior level manager/Performance Incentive Manager:</b>	Pat McGuire Assistant Manager for Nuclear Material Stabilization (AMNMS)
<b>Senior technical advisor:</b>	Tony Polk Patrick Jackson Jay Ray
<b>Contract Performance Outcome:</b>	
<p>SRNL's three-fold mission is to enable the success of DOE-SR and the Office of Environmental Management (EM) operations and projects, to provide technical leadership for future site missions, and to utilize its technical expertise to provide vital national and regional support in achieving the broader goals of DOE and the federal government. The vision for SRNL is to be the nation's premier laboratory in Environmental Management, National &amp; Homeland Security, and Energy Security (Source: SRNS Contract).</p>	

**Contract Output: SRNS2015SRNL-01 (Cost Control)**

Deliver Disposition Paths for Nuclear Material.

**Description/Background/Justification:**

DOE-SR's unique facilities and capabilities enable it to support consolidation and processing of nuclear materials from other DOE facilities as well as other U.S. and foreign sources. This is important for reducing nuclear and proliferation threats, avoiding the additional costs of protecting materials at multiple sites and enabling closure of other facilities that are no longer needed.

The Site will continue to safely and securely store nuclear materials (plutonium, enriched uranium, used nuclear fuel, and other nuclear materials) pending disposition to meet commitments to the State of South Carolina.

**Plutonium**

DOE-SR has been placed in a lead role by DOE to dispose of plutonium from the cleanup of weapons facilities throughout the DOE Complex.

Plutonium from the cleanup of weapons facilities (non-pit plutonium) has been primarily consolidated at DOE-SR where, depending on future decisions, it is planned to be disposed of by a variety of alternative means

including;

- Packaging (including blending as needed) and shipping to the Waste Isolation Pilot Plant (WIPP) in New Mexico.
- Converting to reusable nuclear fuel by dissolving Pu in H Canyon, converting to Pu Oxide in HB-Line for future processing at MOX.

**Highly Enriched Uranium**

DOE-SR has the capability to support the DOE complex-wide effort to down blend excess HEU to a more useable and less proliferable low enriched uranium (LEU) enrichment. The LEU is provided to a commercial fuel vendor. The vendor uses the LEU to manufacture commercial nuclear fuel for use in commercial reactors for the generation of electricity. Additional LEU commitments from the processing of Used Nuclear Fuel (UNF) will be made to TVA. Receipt of Canadian Liquid Uranium is another source to meet LEU deliveries.

**Used (Spent) Nuclear Fuel**

DOE-SR supports the nation’s nonproliferation goals by receiving U.S. owned/loaned HEU fuel from foreign countries. The UNF is safely being stored in L Basin pending disposition.

SRNL provides technical support and consultation for this mission.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

**Up to \$425,000 of the allocated fee will be paid for this Contract Output.**

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015S RNL-1.01	9/30/15	\$150,000	<p>Provide technical support to Nuclear Materials for the Plutonium Surveillance Program including 3013 Destructive Examination (DE) program, and continuation of plutonium shelf life corrosion studies and 9975 life extension testing.</p> <p>a) Complete data set 2 analyses for backlog of FY14 DE packages and FY15 packages provided they are received by 4/30/15.</p> <p>b) Complete analyses Inner Container (IC) closure weld regions on selected DE packages per the Shelf Life Corrosion Test Plan.</p> <p>c) Complete FY15 annual report on 9975 Life Extension O-ring test fixtures.</p> <p>The overall plutonium surveillance program is designed to provide a statistically justifiable conclusion that the integrity of the overall inventory of stored plutonium materials is not compromised during prolonged storage. Identifying any degradation issues through this program should provide failure prevention and provide significant cost avoidance. SRNL execution of work on life extension testing of 9975 packages is expected to provide data to support the technical bases to allow continued use of 9975 packages and avoid a significant repackaging effort in K-Area and costs. Utilization of the analysis test protocol for examination of Inner Container (IC) closure weld regions on selected DE packages will reduce waste and sample</p>

			preparation compared to the previous protocol. The surveillance program utilizes review of historical data, lean event reviews, and reviews with the Materials Identification and Surveillance group and Corrosion Working Group to evaluate and implement technical and cost reduction changes. (Cost Control).
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**Acceptance Criteria**

DOE-SR will perform validation reviews of the following (to include MIS/SPA team interactions as necessary) as authorized by the DOE CO in accordance with approved work authorization documents:

- Data set 2 analyses for FY14/15 DE packages of 3013 Program and evaluate for adverse impacts to long term storage provided they are received by 4/30/15.
- Report on analysis of closure weld regions on selected DE packages.
- FY15 annual report on 9975 Life Extension O-ring test fixtures.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015S RNL-1.02	9/30/15	\$275,000	<p>Execute scope in support of H-canyon/HB-line operations and improvement initiatives:</p> <ol style="list-style-type: none"> <li>Develop and demonstrate flowsheets for application in H-canyon/HB-line.</li> <li>Characterize samples, as needed, to support operations.</li> <li>Develop options (flowsheets or equipment) to improve production rates.</li> <li>Execute scope to demonstrate options for minimizing waste from operations (note: waste min. to optimize recycle HB-Line column raffinate or use in 6.4D and complete RA if required is an EMO PBI, so any SRNL work done on this will not be reported for SRNL fee).</li> </ol> <p>SRNL execution of work to support canyon flowsheet development and improvements could yield production rate improvements and cost control/reductions by minimizing waste generated and/or reducing the conservatism by reducing the uncertainties in operational limits; (Cost Control).</p>

**Acceptance Criteria**

DOE-SR will perform validation reviews of the following as authorized by the DOE CO in accordance with approved work authorization documents:

- Technical reports and presentations documenting flowsheets.
- Technical reports documenting sample characterization results.
- Technical reports and presentations that evaluate improved production rates.
- Technical reports and presentations documenting option evaluations and testing of waste minimization options.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from

the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

**Contract Output SRNS2015SRNL-02: (Cost Control)**

Deliver products and services that reduce technical risk and enhance the schedule of liquid high level waste dispositioning. SRNL will enable DOE-EM mission success by providing the increased scientific and technological rigor needed to support EM program and project planning, technology development and deployment, project execution, and assessment of program outcomes.

**Description/Background/Justification:**

EM's goal is to reliably complete radioactive liquid waste treatment, safely manage the treated waste and meet DOE commitments to close the liquid waste tanks, while incorporating new technology and to enhance efficiency. In so doing, EM is closing the circle on the legacy of radioactive liquid waste.

At DOE-SR's Savannah River Site, the insoluble sludge solids from tank waste are vitrified at the Defense Waste Processing Facility (DWPF) and converted into a solid glass form. The salt waste is processed to remove of the radioactivity with the decontaminated salt solution being disposed onsite in grout at the Saltstone facility. The Tank Closure Program at DOE-SR's Savannah River Site has made significant progress.

At Hanford, construction is well underway on the Pretreatment and Vitrification facilities. SRNL experience at DOE-SR can be utilized to support flowsheets and other technology development activities.

In addition to the contractor support efforts described above EM has commissioned the SRNL to coordinate the engagement of the national laboratory community to bring the scientific and technological rigor needed to evaluate/prioritize alternatives, define/execute technology development as appropriate, and provide the DOE with an "owners representative" to inform decisions and reduce technical and programmatic risks in conjunction with PNNL. Under this direction, and consistent with their role as Federally Funded Research and Development Centers (FFRDC), the SRNL/PNNL team will work closely with DOE site offices, contractors and other national laboratories to establish a framework for sustainable laboratory engagement and collaboration.

In addition to the strategic role for EM, SRNL will execute technology development tasks for EM-20 that support the EM Complex.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

**Up to \$1,170,000 of the allocated fee will be paid for this Contract Output.**

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015SRNL-2.01	9/30/15	\$630,000	Execute scope to provide technical bases, characterization results, consultation in support of DOE-SR Tank Waste Programs/Projects. These efforts are likely to include: a) DWPF/Saltstone waste form, flowsheets, sludge batch qualification. Qualify sludge batch 9 including sample characterizations, development of process options and frit formulation. b) Perform sample characterization and evaluation and

			<p>support corrosion control program.</p> <ul style="list-style-type: none"> <li>c) Characterize any tank closure samples received to determine residual material left in tanks.</li> <li>d) Qualification of next salt batch and support salt processing facility operations and troubleshooting.</li> <li>e) Support SRR performance assessment work through modeling and experimental studies.</li> </ul> <p>By maximizing the waste loading for sludge batches through frit development and completing work on the alternate reductant flowsheet, SRNL can support increased cost control/savings by minimizing the canisters produced (frit development) and increased operational flexibility and reducing facility downtime with the alternate reductant flowsheet; (Cost Control).</p>
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**Acceptance Criteria**

DOE-SR will perform validation reviews of the following as authorized by the DOE CO in accordance with approved work authorization documents:

- a) Technical reports documenting sample characterization, alternate reductant work scope, SB9 flowsheets development and frit formulation.
- b) Technical reports documenting characterization of tank samples and corrosion monitoring.
- c) Technical reports and associated QA documentation documenting results of tank closure samples.
- d) Salt batch qualification technical reports.
- e) Completion of PORFLOW runs in support of performance assessment scope.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015S RNL-2.02	9/30/15	\$465,000	<p>To maintain and enhance SRNL as a pre-eminent center for research, development, and deployment of technologies to clean up the environmental legacy of the Nation's nuclear programs, SRNL will provide technical leadership and scope execution in support of the Hanford Tank Waste program:</p> <ul style="list-style-type: none"> <li>a) Technical reviews and consultation in support of ORP.</li> <li>b) Flowsheet evaluation and gap definition in support of WRPS Tank Waste Integrated Flowsheet effort.</li> <li>c) Technology development efforts (e.g. Caststone, Tc removal).</li> <li>d) Leadership and execution of scope in support of WTP technical issue resolution (e.g. erosion/corrosion).</li> <li>e) Technical consultation and reviews for Hanford contractors.</li> </ul> <p>By executing the technology development and technical assistance activities, SRNL will enable cost control/savings through efficiency improvements and improved planning scenarios and options analyses in support of the overall ORP</p>

mission; (Cost Control).			
<b>Acceptance Criteria</b>			
DOE-SR will perform validation reviews of the following as authorized by the DOE CO in accordance with approved work authorization documents:			
<ul style="list-style-type: none"> <li>a) Feedback from ORP customer on engagement of SRNL technical personnel.</li> <li>b) Technical reports and presentations from flowsheets evaluation efforts.</li> <li>c) Technical reports documenting results of technology development efforts.</li> <li>d) Technical reports and presentations on WTP technical issue resolution activities.</li> <li>e) Summary documents related to technical reviews and consultation.</li> </ul>			
<p>NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.</p>			
<b>Number</b>	<b>Date</b>	<b>Fee</b>	<b>Contract Output Completion Criteria:</b>
SRNS2015S RNL-2.03	9/30/15	\$75,000	Provide technical support to EM-20 through technical/program leadership activities and technology development: <ul style="list-style-type: none"> <li>a) Technical program support to EM-20.</li> <li>b) Completion of funded technology development activities. (e.g. Cementitious Barriers Partnership, Glass Corrosion work, Chemical cleaning and waste characterization, Tc studies)</li> </ul> Execution of selected technology development tasks will enable cost control/savings and efficiency improvements within the Tank Waste program area; (Cost Control).
<b>Acceptance Criteria</b>			
DOE-SR will perform validation reviews of the following as authorized by the DOE CO in accordance with approved work authorization documents:			
<ul style="list-style-type: none"> <li>a) Documents and support provided to EM-20.</li> <li>b) Technical reports and presentations from technology development efforts.</li> </ul>			
<p>NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.</p>			

<b><u>Contract Output SRNS2015SRNL-03: (Cost Control)</u></b>
Develop and deploy Next Generation Cleanup Technologies.
<b>Description/Background/Justification:</b>
The environmental cleanup of DOE-SR will continue to receive emphasis for the foreseeable future as we

reverse the environmental impact from legacy operations performed on the Site. With each success, the Site becomes safer for future generations and less costly to maintain. These cleanup operations are not trivial nor are they straightforward.

DOE-SR has had to develop new and innovative applied technologies in order to accomplish much of the cleanup. This will continue to be the case as the cleanup challenges get more and more difficult. DOE-SR plans to make these new technologies available across the country and internationally to assist others in their own cleanup efforts. DOE-SR technological expertise and knowledge in cleanup has been highlighted to assist Japan in the remediation efforts at the Fukushima-Daiichi Nuclear Power Station.

SRNL efforts are likely to include programs in Environmental Compliance & Area Completion Projects (EC&ACP), Solid Waste Management (SWM), Technology Development for EM-10, and programs to support Japan's remediation of the Fukushima site.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

**Up to \$295,000 of the allocated fee will be paid for this Contract Output.**

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015S RNL-3.01	9/30/15	\$50,000	Provide technical support for SRNS Environmental Compliance & Area Completion Projects including products and services in meeting regulatory milestones and deliverables as well as developing and transitioning to passive environmental technologies and approaches for waste site remediation. This scope includes the following activities: technical input to D-Area ash basin and coal pile runoff pile projects; technical input to P-Area groundwater OU project; sampling and analysis supporting TNX Edible Oil Treatability Study; and Timely GC Analysis of Soil Gas, Soil, and Groundwater Samples from EC & ACP. The R&D work for EC&ACP focused on attenuation (evaluating aerobic degradation of chlorinated ethenes in the Southern Sector of A/M Areas, TNX edible oil sampling and analysis, MicoCED treatability test site characterization) may lead to cost control/savings. SRNL controls costs by minimizing wastes, implementing concepts of sound data quality objectives, and tailoring remedial solutions to site conditions (geology, geochemistry, hydrology, etc.); (Cost Control).

**Acceptance Criteria**

DOE-SR will perform validation of products and services SRNL provides for environmental cleanup initiatives such as development of regulatory documents for D-Area ash basin and D-Area coal runoff pile remediation, development of regulatory documents for P-Area groundwater remediation, M-1 Air Stripper operation and maintenance, TNX groundwater and effectiveness monitoring strategy, and GC analysis of samples from RCRA and CERCLA sites being monitored or characterized by EC&ACP as authorized by the DOE CO in accordance with approved work authorization documents.

Products to include completed reports, test plans, hydrogeologic and geotechnical projects program plans, and other technical documentation.

Services to include field characterization and oversight; laboratory analysis, testing, and reagent preparation; document reviews and technical consultation resources to EC&ACP project teams.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does

not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015S RNL-3.02	9/30/15	\$115,000	<p>Provide technical support for SRNS Solid Waste Management. SRNL plans to:</p> <ul style="list-style-type: none"> <li>a) Develop and submit to DOE the FY 2015 Performance Assessment Maintenance Plan.</li> <li>b) Develop and submit to DOE the FY 2015 Composite Analysis Maintenance Plan.</li> <li>c) Develop and submit to DOE the FY 2014 PA Annual Review report.</li> <li>d) Develop and submit to DOE the FY 2014 CA Annual Review report.</li> </ul> <p>Approximately 10% of this PBI may lead to cost control/savings for the SWM customer through the completion of the PA Maintenance Plan and the CA Maintenance Plan, SRNL controls cost by minimizing wastes, implementing concepts of sound data quality objectives, and leveraging resources and programs within the lab and across the site (cost sharing with site customers); (Cost Control).</p>

**Acceptance Criteria**

DOE will perform validation reviews of the following as authorized by the DOE CO in accordance with approved work authorization documents:

- a) Report on the FY 2015 Performance Assessment Maintenance Plan.
- b) Report on the FY 2015 Composite Analysis Maintenance Plan.
- c) Report on the FY 2014 PA Annual Review.
- d) Report on the FY 2014 CA Annual Review.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015S RNL-3.03	9/30/15	\$75,000	<p>Provide technical development for EM-10 on Environmental Compliance (EM-11), Soil &amp; Groundwater Remediation (EM-12), D&amp;D and Facility Engineering (EM-13). \$1.2M EM-10 funding.</p> <ul style="list-style-type: none"> <li>a) Provide LFRG technical support activities and technical support for the DOE Order 435.1 update.</li> <li>b) Applied Field Research Initiative (AFRI) technology development and ASCEM User Interface, Tank Demonstration, and testing at F-Area.</li> </ul>

			<p>c) In Situ Decommissioning (ISD) Sensor Network Test Bed and further ISD developments.</p> <p>Demonstration of a new more cost effective paradigm in long-term monitoring of remediated waste sites could save significant dollars in the type and quantity of analyses throughout the DOE Complex. Deployment of sensor network at 105-C Reactor Building may lead to SRNS cost avoidance in facility surveillance and maintenance operations by reducing the frequency of facility walk-downs and early detection of emerging abnormal areas before they become visible. Prototype semiconductor thin film radiological waste containment bag development (Rad Bag) may lead to SRNS/DOE-EM cost savings in extending the durability/serviceability of a radiological waste containment bag. GrayQb Single Face - radiation mapping device may lead to cost savings during decontamination/deactivation operations by providing near real time results of contamination relative intensity and location. SRNL controls cost by leveraging resources and programs within the lab (e.g., LDRD, etc.), across the site (cost sharing with site customers) and within universities (e.g., SULI and FIU interns, etc.); (Cost Control).</p>
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**Acceptance Criteria**

DOE-SR will perform validation reviews on the SRNL programs directed by EM-10 including as authorized by the DOE CO in accordance with approved work authorization documents:

- a) DOE Order 435.1 and LFRG technical support; Support finalization of DOE Order 435.1A and supporting technical standard; Provide technical assistance for LFRG activities at DOE Sites (TBD);
- b) Report documenting the performance of the long term monitoring pilot field test Demonstration; Summary report on field and laboratory testing of humate as an attenuation mechanism for Uranium; Co-author on report on ASCEM User Outreach Activities; DOE-SR Tank simulations to demonstrate ASCEM tools;
- c) Continuation of 105-C AE sensor system and facility structural health analysis – Report; Continuation of prototype semiconductor thin film (Advanced Rad Bag) durability testing -- Report & Advanced Rad Bag; Residual contamination fixative development and testing -- Report & residual contamination fixative formulation; 3D Virtual Modeling for D&D planning and workforce training development -- Report & 3D Virtual Modeling for D&D planning platform.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015S RNL-3.04	9/30/15	\$45,000	SRNL is the EM's Corporate National Laboratory across the EM complex and will seek to diversify its customer base and funding sources for SRNL to increase efficiencies for the benefit of all of its customers. SRNL will provide technical support and expertise, and global leadership in support of Fukushima cleanup and remediation efforts that may include

			<p>the following:</p> <ul style="list-style-type: none"> <li>a) Lead development and negotiations of new business contract(s) supporting Fukushima cleanup.</li> <li>b) Work with governmental agencies (Department of Energy, Department of State, etc.) to identify and establish SRNL leadership in U.S. government efforts supporting Fukushima remediation by the Ministries in the Government of Japan (MOE, METI, MEXT, etc.).</li> </ul>
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**Acceptance Criteria**

DOE-SR will perform validation reviews of the following as authorized by the DOE CO in accordance with approved work authorization documents:

- a) Documentation demonstrating development and negotiations of new business contract(s) supporting Fukushima cleanup.
- b) SRNL participation or leadership in governmental agency support to Fukushima remediation.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015S RNL-3.05	9/30/15	\$10,000	Provide Technical assistance on environmental remediation to DOE Legacy Management (LM), to include a site visit and a final report outlining recommendations.

**Acceptance Criteria**

DOE-SR will perform validation reviews of the following as authorized by the DOE CO in accordance with approved work authorization documents:  
 Final report to DOE LM outlining recommendations on environmental remediation for a DOE site.

**Contract Output SRNS2015SRNL-04: (Cost Control)**

Develop Solutions to Close and Better Secure the Nuclear Fuel Cycle.

**Description/Background/Justification:**

SRNL helps develop the nation's used (spent) nuclear fuel cycle initiatives through participation in the DOE Fuel Cycle Research and Development (FCR&D) Program. This is facilitated by SRNL leadership in Clean Energy initiatives aligned with the DOE Sustainability Plan goals.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to \$300,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015S RNL-4.01	9/30/15	\$300,000	As part of the SRNS Contract, SRNL will provide technical leadership for future site missions, and utilize its technical expertise to provide vital national and regional support in achieving the broader goals of DOE and the federal government, and maintain and enhance the core competencies that are necessary to support assigned and future missions of

		<p>EM and NNSA programs at DOE-SR. As part of this mission, SRNL will develop and lead the nation's used (spent) nuclear fuel cycle initiatives through participation in the DOE Fuel Cycle Research and Development (FCR&amp;D) Program. Perform DOE-NE FCR&amp;D program funded work activities as specified in the Program Information Collection System NE (PICSNE) defined in terms of cost, schedule and technical performance. Complete all Level 1, 2, and 3 milestones for the Nuclear Fuel Storage and Transportation Campaign, Separations and Waste Forms Campaign, Used Fuel Disposition Campaign, and Fuel Cycle Options Campaign. The objective of the FC&amp;RD program is to conduct R&amp;D to help develop sustainable fuel cycles to improve uranium resource utilization, maximize energy generation, minimize waste generation, improve safety, and limit proliferation risk. If these options are successful, it will help DOE and future policy makers in cost control/savings when it comes to the management of used nuclear fuel that is safe, economic, and secure. SRNL controls costs by minimizing wastes, using subcontract research staff (e.g. postdocs), using low cost sample analysis using universities and international partners when possible and subcontracting infrastructure support with local and regional partnerships; (Cost Control).</p>
<p><b>Acceptance Criteria</b></p>		
<p>DOE-SR will perform validation of the following as authorized by the DOE CO in accordance with approved work authorization documents: completed reports, presentations, and publications identified in the funded DOE-NE FCR&amp;D scope.</p> <p>NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.</p>		
<p><b><u>Contract Output SRNS2015SRNL-05: (Cost Control)</u></b></p>		
<p>Reduce greenhouse gas emission via Clean Alternative Energy Project.</p>		
<p><b>Description/Background/Justification:</b></p>		
<p>SRNL facilitates complex-wide accomplishment of the DOE Sustainability Plan goals through innovative leadership in Clean Energy activities in support of DOE renewable energy strategic initiatives. Also, as part of the SRNS Contract, SRNL will provide technical leadership for future site missions, and utilize its technical expertise to provide vital national and regional support in achieving the broader goals of DOE and the federal government, and maintain and enhance the core competencies that are necessary to support assigned and future missions of EM and NNSA programs at DOE-SR.</p> <p>SRNL continues to be heavily involved in a number of initiatives that will reduce greenhouse gases in accordance with Executive Order 13514. SRNL's Hydrogen Storage Engineering Center of Excellence will continue to advance the concept of clean fuels based on the hydrogen technology that DOE-SR has developed over years of tritium research and production. SRNL has a number of other projects to reduce greenhouse gas</p>		

emission, including solar and methane, which is a key DOE-SR strategic initiative and goal for EM sites.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to \$300,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015S RNL-5.01	9/30/15	\$300,000;  a) \$65,000  b) \$30,000     c) \$45,000  d) \$60,000    e) \$100,000	As part of SRNL's efforts to support DOE in Energy Security the following Clean Energy Projects will be completed :  a) Hydrogen Storage Engineering Center of Excellence- Technical Work Scope: Complete evaluation of a 2 liter hydrogen adsorption prototype system. b) Basic Energy Science: Have accepted for publication in the area of energy storage three technical articles in peer reviewed journals with impact factors = >3. This PBI will support the goal of the Basic Energy Science program to provide the foundation for new energy technologies. If successful, this technology could create opportunities to revolutionize the future of sustainable energy applications, which will include cost control/savings over present energy storage and conversion devices; (Cost Control) c) Methane opportunities for Vehicular Energy - Complete design and construction of a two liter adsorbed natural gas prototype system. d) SunShot "Low-Cost Metal Hydride Thermal Energy Storage System for Concentrating Solar Power Systems" – Update and validate System Metal Hydride Thermal Energy Storage Model. e) SunShot High Temperature Corrosion Analysis of Molten Salt Systems for CSP Applications. Characterization of the corrosion rates of selected alloys in contact with high operating temperature heat transfer fluids incorporating corrosion protection and inhibition strategies as outlined in Statement of Project Objectives (SOPO). The SunShot PBIs support progress toward achieving the DOE SunShot technical and cost targets for Concentrating Solar Power (CSP) thermal energy storage (TES) systems. If successful, subsequent industrial development and manufacturing efforts will lead to substantially lower future CSP system cost making them competitive with today's commercial power plants.  SRNL controls costs by minimizing wastes, using subcontract research staff (e.g. postdocs), using low cost sample analysis using universities and international partners when possible and subcontracting infrastructure support with local and regional partnerships; (Cost Control).

**Acceptance Criteria**

DOE-SR will perform validation reviews of the following as authorized by the DOE CO in accordance with approved work authorization documents:

- a) EERE program management acknowledgement of requirements delivered as specified.

- b) Copies of acceptance letters and 2014 journal impact factors.
- c) Letter of confirmation from Ford program manager.
- d) Draft annual report for SRNL Year 3 experimental testing work to EERE SunShot review by 9/30/15.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

**Contract Output SRNS2015SRNL-06:**

**Expand the SRNL leadership in National Security.**

**Description/Background/Justification:**

SRNL support for DOE-IN Nuclear Materials Information Program.  
 SRNL utilizes its technical expertise to provide services and products for the DOE-IN. The DOE-IN Nuclear Materials Information Program (NMIP) develops and maintains a comprehensive information system on foreign special nuclear materials (SNM) capable of being utilized in nuclear weapons. This system is maintained on classified networks and is updated with current intelligence annually.

SRNL technical support for DOE-IN Foreign Nuclear Program.  
 SRNL utilizes its technical expertise to provide services and products for DOE-IN's Foreign Nuclear Program. SRNL provides technical analysis and programmatic support to DOE-IN and to other agencies within the Intelligence Community (IC). National Laboratories and their Field Intelligence Elements (FIE's) provide DOE's technical input to all issues of weapons production and utilization by foreign nuclear programs. SRNL's FIE provides important technical leadership, analysis and input on current issues, foreign facilities and weapons materials production.

The SRNL counterintelligence program primarily consists of an expansive awareness function, a counterintelligence investigative capability, an analysis element and a multi-focused cyber component. The Senior Counterintelligence Official (SCIO) leads the integrated counterintelligence effort against foreign intelligence, terrorism threats directed at SRNL, and also has direct managerial oversight for the overall performance of the office, personnel and financial management of the CI program.

Also, as part of the SRNS Contract, SRNL will provide technical leadership for future site missions, and utilize its technical expertise to provide vital national and regional support in achieving the broader goals of DOE and the federal government, and maintain and enhance the core competencies that are necessary to support assigned and future missions of EM and NNSA programs at DOE-SR.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

**Up to \$240,000 of the allocated fee will be paid for this Contract Output.**

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015SRNL-6.01	9/30/15	\$240,000	As part of the work on National Security, SRNL will provide technical support for DOE-IN as follows :

			DOE-IN Technical reports/assessments of foreign nuclear weapons programs, Nuclear Materials Information Program assessments, and Leverage SRNL intelligence capabilities (including DOE/IN work) to broaden support for other Intelligence Community agencies. The specific number and content of assessments will be specified in FY15 by DOE-IN. SRNL expects to do at least two assessments of foreign nuclear weapons programs and 100% of the Nuclear Materials Information Program assessments assigned. Detail of reports and other support are classified information.
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**Acceptance Criteria**

DOE-SR will perform validation reviews of the following as authorized by the DOE CO in accordance with approved work authorization documents:

- a) Technical reports and assessments of foreign nuclear weapons programs have been reviewed and published by DOE-IN.
- b) 100% of Nuclear Materials Information Program (NMIP) assessments for which SRNL is responsible are updated.
- c) Broadened support for other Intelligence Community Agencies.

**Contract Output SRNS2015SRNL-07: (Cost Control)**

**SRNL Infrastructure Sustainment.**

**Description/Background/Justification:**

SRNL offers a unique combination of capabilities, equipment, and infrastructure that are not available anywhere else. Although SRNL was originally built as a part of the nuclear weapon complex to maintain the U.S. nuclear deterrent, the facilities obtained and constructed for that purpose represent a significant asset to the site, region, and country and it is poised to solve National issues. The DOE-SR vision targets SRNL to be the central hub as DOE-SR expands its business segments to address DOE needs that capitalize on historic DOE-SR competencies and capabilities. SRNL will actively seek ways to revitalize and present these assets for more wide-spread beneficial use.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

**Up to \$ 1,445,000 of the allocated fee will be paid for this Contract Output.**

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015SRNL-7.01	9/30/15	\$223,000	SRNL will implement High Priority Safety Basis scope and Active Confinement Ventilation System infrastructure improvements as defined in the approved FY15 SRNL Infrastructure Sustainment PBI Implementation Plan as developed between DOE-SR and SRNL. <ul style="list-style-type: none"> <li>a) Complete Documented Safety Basis development and implementation upgrades</li> <li>b) Meet selected Active Confinement Ventilation project milestones.</li> </ul>

**Acceptance Criteria**

DOE-SR will perform completion validation reviews per the FY15 SRNL Infrastructure Sustainment Implementation Plan as authorized by the DOE CO in accordance with approved work authorization documents.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015S RNL-7.02	9/30/15	\$332,000	As defined in the approved FY15 SRNL Infrastructure Sustainment PBI Implementation Plan jointly developed by DOE-SR and SRNL, complete "A" Cell Block window and control panel replacements and install "B" Cell Block exhaust fans with no adverse impact to mission work. Initiate Process Monitor and Control System upgrade of key laboratory support systems.  a) Complete Shielded Cell Upgrades. b) Continue Process Monitoring and Control System Upgrades.
<b>Acceptance Criteria:</b>			
DOE-SR will perform completion validation reviews per the FY15 SRNL Infrastructure Sustainment Implementation Plan as authorized by the DOE CO in accordance with approved work authorization documents.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015S RNL-7.03	9/30/15	\$800,000	Complete candidate IGPP capital projects, deferred Davis Bacon scopes, construction maintenance orders and major maintenance scopes that support restoration and sustainment of facility infrastructure as defined in the approved FY15 SRNL Infrastructure Sustainment PBI Implementation Plan jointly developed by DOE-SR and SRNL. Develop pre-conceptual designs and estimates, as appropriate, in support of IGPP and major maintenance infrastructure tasks as mentioned above.  a) Complete IGPP Projects. b) Complete CMO and Major Maintenance Activities. c) Perform Pre-Conceptual High Priority Infrastructure Design Activities. d) Develop CD and Est. for Critical Infrastructure Integrated Priority List (CIPL) e) Complete Deferred Davis Bacon Scopes
<b>Acceptance Criteria:</b>			
DOE-SR will perform completion validation reviews per the FY15 SRNL Infrastructure Sustainment Implementation Plan as authorized by the DOE CO in accordance with approved work authorization documents.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015S RNL-7.04	9/30/15	\$90,000	Advance SRNL Consolidation Roadmap initiatives that result in facility footprint reduction, overall deferred maintenance backlog reduction, and operational and R&D efficiency improvements as defined in the approved FY15 SRNL Infrastructure Sustainment PBI Implementation Plan. Continue to support any follow on DOE-HQ Laboratory Operations Board (LOB) Infrastructure Assessments; (Cost Control).  a) Complete B-Area moves. b) Vacate north end of 736-A. c) Update an integrated SRNL and F/H Lab Consolidation

			Plan. d) Support LOB assessment.
<b>Acceptance Criteria</b>			
DOE-SR will perform completion validation reviews per the FY15 SRNL Infrastructure Sustainment Implementation Plan as authorized by the DOE CO in accordance with approved work authorization documents.			
NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.			
<b>Contract Output SRNS2015SRNL-8:</b>			
Conduct effective laboratory management.			
<b>Description/Background/Justification:</b>			
Utilizing a comprehensive and integrated approach, SRNS will document and continue implementation of a path forward to: improve the overall institutional management of SRNL; establish a comprehensive vision for the future; and effectively apply innovative solutions to meet DOE mission needs.			
NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.			
Up to \$75,000 of the allocated fee will be paid for this Contract Output.			
<b>Number</b>	<b>Date</b>	<b>Fee</b>	<b>Contract Output Completion Criteria:</b>
SRNS2015SRNL-8.01	9/30/15	\$75,000	Proceed with implementation of the SRNL Institutional Plan to improve and develop overall institutional management of SRNL. Progress will be made and documented in core competency management, major laboratory initiatives, laboratory capabilities, business practices, and laboratory partnerships. Progress will be measured against defined objectives and annual milestones. An Implementation Plan will be developed for this PBI.
<b>Acceptance Criteria</b>			
DOE-SR will perform validation reviews of the implementation status report for the SRNL Institutional Plan as authorized by the DOE CO in accordance with approved work authorization documents.			



# Performance Incentive Document

<b>PID Number:</b>	SRNS2015LS		
<b>Activity Name:</b>	EM Landlord Services		
<b>WBS Number:</b>	Various / Indirect		
<b>Performance Period:</b>	October 1, 2014 – September 30, 2015		
<b>Allocated Fee:</b>	\$4,550,000		
<b>Revision Number:</b>	0		
<b>Senior level managers:</b>	Angelia Adams, Acting AM Infrastructure & Environmental Stewardship (AMI&ES) Doug Hintze, AM Mission Support (AMMS)		
<b>Senior level supervisor/division manager:</b>	David Bender John Lopez Bill Clark Craig Armstrong Jim Lovett		
<b>Contract Performance Outcome:</b>			
The Contractor shall execute assigned landlord responsibilities and provide a range of services to other organizations doing work on the Savannah River Site.			
<b><u>Contract Output SRNS2015LS-01: (Cost Control)</u></b>			
<b>Description/Background/Justification:</b>			
Initiatives are needed to ensure the electrical and steam Min Safe operational requirements are met and costs controlled and effectively managed to support current and future missions of Nuclear Materials Stabilization and Disposition, Radioactive Liquid Waste Disposition, Solid Waste Disposition, Soil & Groundwater Remediation, Facility Deactivation and Decommission, Tritium and other NNSA Missions. In addition, activities are needed to plan, develop and support the SRS Sustainability/Energy Management initiatives.			
NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.			
<b>Up to \$750,000 of the allocated fee will be paid for this Contract Output.</b>			
<b>Number</b>	<b>Date</b>	<b>Fee</b>	<b>Contract Output Completion Criteria:</b>
SRNS2015 LS-1.01	a and b)	\$300,000;  a and b)	Partnering with DOE in the negotiation of a new ten-year contract with South Carolina Electric & Gas Company, including controlling costs with regard to the following activities; (Cost Control): a) Provide financial analysis through evaluation of life

	12/31/14	\$150,000	cycle cost options for the contract. b) Provide Technical Consultation to DOE regarding negotiation of terms and costs as requested. c) Perform annual electrical demand analysis and identify opportunities to reduce/optimize future site energy cost.
	c)9/30/15	c)\$150,000	

**Acceptance Criteria**

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- a) Review SRNS Contract involvement summary report
- b) Evaluate the effectiveness of SRNS involvement and recommendations concerning the development of the new contract and rate structure.
- c) Review the Annual Electrical Demand Analysis documentation & metrics.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015 LS-1.02		\$350,000:	Leverage the collaborative efforts of Site tenant organizations reliant upon steam produced by the Ameresco Federal Solutions (AFS) Biomass Cogeneration Facility (BCF) and AFS to minimize the negative impact of a loss of steam event by performing the following activities; (Cost Control):
	a) b) 1/31/15	a) b) \$150,000	a) Take the lead, develop and coordinate with the applicable SRS tenants the implementation of a Communication Guideline for the orderly shutdown (load shedding) of steam reliant facility systems and the implementation of SRS tenant Polar Vortex lessons learned and procedures to mitigate the impact of a steam production loss of event with a focus during freezing weather.
	c) 9/30/15	c) \$100,000	b) Conduct, as a minimum, one table-top drill that demonstrates that the Communications Guideline is effective and validates SRS tenant's procedures and implementation of lessons learned that will protect steam reliant facilities and equipment from damage caused by freezing weather or its effects. Action validates a more robust load shedding and communications process. Within 20 days of the drill produce a detailed report that evaluates the drill's effectiveness and lists lessons learned.
	d) 9/30/15	d) \$100,000	c) Support Ameresco Federal Solutions (AFS) to perform agreed upon activities to improve reliability of existing Biomass Cogeneration Facility (BCF) steam and electricity supply.  d) Support AFS steam reliability project development and perform assigned activities associated with scope of work within agreed schedule and cost, assuming adequate funding is allocated.

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**Acceptance Criteria**

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- a) Evaluate the Communications Guideline’s effectiveness toward establishing clear and reasonable Site wide advisory messages, protocol for directing load shedding levels during adverse weather and loss of steam events, and clear and unambiguous communication protocols for messaging and reporting to all applicable tenants and managers.
- b) Evaluate the effectiveness of the drill(s), completeness of the resulting report and the implementation of any lessons learned or corrective actions that can be reasonably implemented on the spot.
- c) Evaluate the effectiveness of the support activities toward improving the reliability of steam and electricity produced by the existing Biomass Cogeneration Facility (BCF).
- d) Evaluate the effectiveness in terms of meeting cost, schedule, and quality of the assigned support activities toward achieving the AFS steam reliability project.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015 LS-1.03	a) 1/31/15	\$100,000: a)\$25,000	Perform Energy Management/Sustainability Program activities as follows: a) Develop the FY15 Site Sustainability Plan for the Savannah River Site in accordance with the DOE-HQ annual guidance document by 12/31/14 and prepare the SRS Consolidated Energy Data Report (CEDR) in accordance with annual DOE-HQ guidance documentation by 1/31/15. b) Support Site Data Calls and other requirements throughout the year. c) Improve energy efficiency within scope activities and programs such as peak alerts, energy usage tracking, energy conservation awareness, etc... Implement one effective energy improvement program or project.
	b) 9/30/15	b)\$25,000	
	c) 9/30/15	c)\$50,000	

**Acceptance Criteria**

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- a) Evaluate the FY15 SRS Annual Sustainability Plan and the FY15 SRS Consolidated Energy Data Report and transmit the Plan to DOE-HQ for use in the DOE agency-wide Strategic Sustainability Performance Plan and

transmit the Report to DOE-HQ for use in DOE agency-wide data collection.  
 b) Evaluate documentation that demonstrates the effectiveness of the support to the Site Data Calls. Evaluate documentation that demonstrates achievement of at least one effective (commensurate with available fee) energy improvement program or project.

**Contract Output SRNS2015LS-02: (Cost Control)**

The Contractor shall meet all SRNS agreed upon scheduled milestones to evaluate the DOE-SR aging infrastructure systems, and actively seek cost effective opportunities to right-size and minimize infrastructure investment so savings can be applied to future recapitalization. When cost-effective, provide opportunities to benefit the community through the DOE Asset Revitalization Initiatives and Programs.

**Description/Background/Justification:**

DOE-SR infrastructure is over 60 years old. Spare parts are no longer available and are being cannibalized for continued operations. Over the past 10 years, funding for infrastructure repairs/replacement has declined considerably due to budget challenges. Many infrastructure systems were designed /sized for multiple Reactor operations. SRS missions have changed. Initiatives such as rightsizing and footprint reduction of existing infrastructure are needed so savings can be applied toward future recapitalization. In the meantime, critical infrastructure projects must be planned, prioritized, and executed to ensure Min Safe system requirements are met and cost effectively managed to support current and future missions of Nuclear Materials Stabilization and Disposition, Radioactive Liquid Waste Disposition, Solid Waste Disposition, Soil & Groundwater Remediation, Facility Deactivation and Decommission, Tritium and other NNSA missions. In addition, the identification, leveraging, revitalization, and disposition of site assets will reduce the EM liability and minimize lifecycle cost. Wherever it is cost effective, the SRS Community Reuse Organization is utilized to provide additional opportunities to benefit the surrounding community.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to \$1,350,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015 LS-2.01	9/30/15	\$200,000:  a) \$100,000  b) \$100,000	Implement Infrastructure Right-Sizing Initiatives in a cost controlled manner; (Cost Control): a) Improve the quality of System Health Reporting (SHR) by performing the following activities: <ul style="list-style-type: none"> <li>o Develop and present System Health Reports for all Site Services Systems using the E7 Manual, Procedure 3.04 as guidance.</li> <li>o Evaluate the availability of spare parts for the aging infrastructure.</li> </ul> b) Implement selected "right sizing" scope / activities as described in the Site Services Infrastructure Alignment Study (SS IAS), Document #-TBD.

**Acceptance Criteria**

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- (a) Validate evidence of the improved system health reports.
- (a) Evaluate a spare parts availability White Paper.
- (b) Perform a walkdown and verify right-sizing implementation.

<p>NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.</p>			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015 LS-2.02	a)12/31/14	a)\$50,000	<p>Implement Foot Print Reduction Initiatives in a cost controlled manner by performing the following activities; (Cost Control):</p> <p>a) Develop a plan and a scope of work for the disposition of at least 38 unoccupied trailers to minimize life cycle cost and reduce Site footprint.</p> <p>b) Contingent to «Assets for Service» agreement between DOE and SRS Community Reuse Organization, provide business and technical leadership to execute the disposal of a minimum of 38 unoccupied trailers to minimize life cycle cost and reduce Site footprint.</p>
	b)9/30/15	b)\$200,000	
<p><b>Acceptance Criteria</b></p> <p>DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis &amp; Reporting (STAR) system:</p> <p>a) Review and evaluate the plan and scope of work for viability of execution within available resources.</p> <p>b) Evaluate documentation that shows disposal of at least 38 trailers (to earn full fee).</p>			
<p>NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.</p>			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015 LS-2.03	a)12/31/14	a)\$100,000	<p>Complete the following activities:</p> <p>a) Produce an Annual Utility Infrastructure Improvement Plan for the FY15 projects that demonstrates linkage to the current System Health Reports. This Infrastructure Improvement Plan is managed under the Site Services change control process.</p> <p>b) Execute Infrastructure improvement Utility System projects, sustaining activities and liability reduction work scope (e.g. water systems, electrical distribution system, etc.). Fee can be earned quarterly.</p>
	b)9/30/15	b)\$300,000	
<p><b>Acceptance Criteria</b></p> <p>DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis &amp; Reporting (STAR) system:</p> <p>a) Review and evaluate Annual Utility Infrastructure Improvement Plan against established criteria.</p> <p>b) Evaluate Summary Report (to include schedule &amp; cost management) walkdown selected projects upon completion, and review Final Acceptance Inspection (FAI) documents or Work Packages of completed</p>			

infrastructure improvement work scope.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015 LS-2.04	9/30/15	\$200,000	Begin work to replace the A Area Firewater System by performing the following work activities: <ul style="list-style-type: none"> <li>a) Establish project milestones and deliverables.</li> <li>b) Solicit and award the contract to replace the A-Area Firewater System.</li> <li>c) Review and favorably resolve any issues with the vendor's Upper Tier Design.</li> </ul>
<b>Acceptance Criteria</b>			
DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system: <ul style="list-style-type: none"> <li>• Review the Project Schedule of milestones and deliverables.</li> <li>• Review contract documentation.</li> </ul> Review documentation associated with the Upper Tier Design.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015 LS-2.05	9/30/15	\$300,000;  a)\$100,000   b)\$200,000	Complete the following activities: <ul style="list-style-type: none"> <li>a) Update Critical Infrastructure Integrated Priority List (CIPL) per CIPL Guideline. Also, evaluate the process and further improve the data content for better use as a tool for funding allocation and task readiness.</li> <li>b) Develop scope of work/technical specifications, and cost estimates for at least 3 high risk Site Services' general infrastructure projects (ex: radio trunking system, roofs, roads, etc) with a total of at least \$10M of unburdened scope.</li> </ul>
<b>Acceptance Criteria</b>			
DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system: <ul style="list-style-type: none"> <li>• Evaluate CIPL documentation &amp; data improvements (a).</li> <li>• Review the updated CIPL quarterly or as needed (a).</li> <li>• Evaluate the Scope of Work/Technical Specification and cost estimation documentation for the identified Site Services' general infrastructure projects (b).</li> </ul>			

<p><b><u>Contract Output SRNS2015LS-03: (Cost Control)</u></b>  <b><u>Real Property Asset Management</u></b></p> <p>The Contractor shall meet all SRNS agreed upon scheduled milestones by leveraging the Real Property Asset Management Program (RPAM) and Facility Information Management System (FIMS) data to effectively manage SRS infrastructure needs and further site missions.</p>
<p><b>Description/Background/Justification:</b></p> <p>SRNS will ensure compliance of DOE Order 430.1B Real Property Asset Management Program and implement DOE-HQ requirements for asset replacement value. The Facility Condition Assessment Survey (CAS) Inspections will continue in FY15. In addition, improvements to the accuracy of the DOE-SR Actual Maintenance Cost Reporting Data will continue to be implemented for the HQ FIMS.</p>
<p>NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah</p>

River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to \$450,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015LS-3.01		\$450,000;	Continue Implementation of RPAM Initiatives (Cost Control):
	a) 10/31/14	a) \$15,000	a) Complete and submit Phase 2 of the Lab Operations Board (LOB) deliverable.
	b) 9/30/15	b) \$75,000	b) Perform CAS inspections of at least 20% of eligible FIMS assets to ensure SRS meet facility condition assessment 5 year cycle.
	c) 9/30/15	c) \$85,000	c) Complete implement FIMS data improvement recommendations developed in FY14. Populate Anticipated Asset Information Module (AAIM) in FIMS with asset data to be provided by DOE-SR. Update and maintain FIMS data of over 2,000 real property SRS assets to ensure data is accurate and reliable.
	d) 3/31/15	d) \$50,000	d) Complete implementation of the FIMS Corrective Action Plan to more accurately capture SRS Actual Maintenance Costs at the asset level. Also, posture SRS for FY15 FIMS validation.
	e, f, g, h) 9/30/15	e) \$50,000	e) Identify and update key data of the Shared Site Structure Database to support FIMS, CAS, and Integrated Life Cycle Estimate/EM Environmental Liability reporting.
		f) \$75,000	f) Develop a process to integrate CAS data with Maintenance Management System for better planning and maintenance of Site Services facilities.
		g) \$50,000	g) Demonstrate cost reduction and/or cost avoidance and improved office/space/warehouse utilization rates by integrating impacts of site housing completion planning, workforce restructuring, site mission changes, and lessons learned from CAS inspections into the RPAM SmartPlan (SRNS-RP-2011-00202).
h) \$50,000		h) Leverage Real Property Asset Management Program (RPAM) for the Site, and initiate implementation of a tailored approach for the Replacement Value (RPV) of agreed upon unique/critical facilities.	

**Acceptance Criteria**

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- a) DOE-SR will review Phase 2 completion document of all remaining assets and perform a FIMS system review of randomly selected assets to ensure their assessment data is accurately populated in FIMS.
- b) Review Condition Assessment Survey (CAS) Reports for the structures inspected in FY15. In addition, DOE-SR will perform field validation walk downs on randomly selected completed facilities/structures and then verify that CAS data has been placed into the DOE-HQ Condition Assessment Information System (CAIS). Confirm completion of CAS inspections of at least 20% of FIMS assets by end of FY15.
- c) Review evidence of implementation of DOE-HQ FIMS recommendations developed in FY14 as demonstrated by performance against metrics implementation schedule. Confirm accurate population of AAIM data in FIMS.
- d) Review evidence that Actual Maintenance Costs at the asset level are populated in FIMS by end of FY15.

- Review SRNS plan to prepare for FIMS Validation to be conducted in early FY16.
- e) Review evidence that the Shared Structures Database is actively being updated throughout FY15.
- f) Review a White paper and evidence of the integration of CAS data into SRS Maintenance Management System and facility planning activities.
- g) Review Revised SMART Plan and evidence of actions that will result in cost reduction/avoidance and increased office space/warehouse utilization rates.
- h) Evaluate RPV for H-Canyon, DWPF 105-K, and SRNL 773-A Lab.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

**Contract Output SRNS2015LS-04: (Cost Control)**

**Real Property Asset Management**

The Contractor shall meet all SRNS agreed upon scheduled milestones to cost effectively maintain DOE-SR plant systems, components, structures, and also improve maintenance processes/services to meet site missions and positively address deferred maintenance issues.

**Description/Background/Justification:**

Procedure Manual 1Y, *Conduct of Maintenance*, is established for effective management of plant systems, structures and components at the Savannah River Site. These standards comply with the requirements of the Department of Energy (DOE) Order 433.1B, Maintenance Management Program for DOE Nuclear Facilities. The site maintenance program initiatives are needed to ensure the Min Safe system requirements are met; SRS plant systems, components, structures are maintained; maintenance processes/services are improved and positively address deferred maintenance issues to meet and further support current and future missions of Nuclear Materials Stabilization and Disposition, Radioactive Liquid Waste Disposition, Solid Waste Disposition, Soil & Groundwater Remediation, Facility Deactivation and Decommission, Tritium and other NNSA Missions.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to \$400,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015 LS-4.01	9/30/15	\$100,000	Improve the Site integration/planning strategy for "outage windows" by executing the following activities; (Cost Control): <ul style="list-style-type: none"> <li>• Develop short term integrated schedules to facilitate better planning and support group integration.</li> <li>• Develop a longer term Site Outage planning strategy with a schedule and initiate the schedule implementation.</li> </ul>

**Acceptance Criteria**

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Review evidence of short term integrated schedules whereby planning support has improved.
- Review the long term Site Outage Planning Strategy and Schedule and evidence of schedule implementation.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015 LS-4.02	9/30/15	\$100,000;  a) \$50,000  b) \$50,000	Complete the following activities; (Cost Control):  a) Develop and begin implementation of a rigorous Building Operations and Maintenance Improvement Plan to improve building material condition status and maintenance response time to support the essential site missions and enhance the DOE-SR infrastructure by developing a material condition index/report and priority scheme for building improvement projects that is updated monthly  b) Evaluate the performance effectiveness of the Mentor Protégé Subcontractor to determine improvements and/or efficiencies.

**Acceptance Criteria**

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- (a) Review the Building Operations and Maintenance Improvement Plan and reports to include the material condition index and priority scheme for building improvements.
- (b) Evaluate documentation that demonstrates improved performance effectiveness of the Mentor Protégé Subcontractor.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015 LS-4.03	9/30/15	\$200,000;  a)\$100,000  b)\$100,000	Perform the following Site Services Shops activities to achieve the SRS missions of Nuclear Materials Stabilization and Disposition, Radioactive Liquid Waste Disposition, Solid Waste Disposition, Soil & Groundwater Remediation, Facility Deactivation and Decommission, and Tritium & NNSA: a) Achieve less than 5% field rejects of Containment Fabrication Facility (CFF) products in support of current SRS missions. b) Achieve over 95% pass of independent Quality Assurance inspection for electrical and mechanical Shops (Breaker, Calibration, Fabrication, Machining, Jumper and Valve)

			products in support of current SRS missions.
<b>Acceptance Criteria</b>			
<p>DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis &amp; Reporting (STAR) system:</p> <ul style="list-style-type: none"> <li>• Review list of CFF completed products via Asset Suite Program Reporting Tool (a).</li> <li>• Review list of product field reject documentation (a).</li> <li>• Verify reject rates (a).</li> <li>• Review list of Shops products that required independent QA inspections via Asset Suite Program Reporting Tool (b).</li> <li>• Review list of Non-conformance Reports for product QA failure (b).</li> <li>• Verify QA pass rates (b).</li> </ul>			
<b><u>Contract Output SRNS2015LS-05: (Cost Control)</u></b>			
<b>Integrated Planning</b>			
<b>Description/Background/Justification:</b>			
<p>Define a strategic integrated infrastructure planning process for SRS that clearly defines and integrates the infrastructure necessary for the successful execution and completion of site missions. The outcome will be the first phase of a multi-year infrastructure sustainment initiative designed to inform the budget formulation process, provide direction and guidance to leverage implementation of a right-sized, efficient infrastructure linked to SRS EM and NNSA missions and SRNL facilities that support both SRS and DOE programs across the complex.</p> <p>NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.</p> <p><b>Up to \$500,000 of the allocated fee will be paid for this Contract Output.</b></p>			
<b>Number</b>	<b>Date</b>	<b>Fee</b>	<b>Contract Output Completion Criteria:</b>
SRNS2015 LS-5.01	9/30/15	\$500,000	<p>Develop an SRS integrated infrastructure planning process that links missions with a right-sized, modernized infrastructure. The process would be overarching to include inside-the-fence mission infrastructure, site utilities, SRNL, communications and common infrastructure services required for SRS contractors and tenants. Major scope milestones:</p> <ol style="list-style-type: none"> <li>1) Define the key strategic site and mission planning assumptions that drive near-term (next 5-10 years) infrastructure requirements. These will be used to support the FY2017 budget formulation process. May, 2015</li> <li>2) Utilizing the assumptions documented in Output Completion Criteria 1, identify cost reduction opportunities and develop a prioritized, integrated and right-sized roadmap of infrastructure requirements. Sept 2015</li> <li>3) Prepare a strategic-level document describing the strategy,</li> </ol>

			assumptions, end-state vision and roadmap for a right-sized SRS infrastructure. This document would be used primarily to communicate with key external stakeholders. September, 2015.
<b>Acceptance Criteria</b>			
DOE –SR will review and validate the outputs from 1 through 3 above.			

<b>Contract Output SRNS2015LS-06:(Cost Control)</b>
Strategic Sourcing
<b>Description/Background/Justification:</b>
<p>The FY14-18 DOE Strategic Plan, under Strategic Objective 10 requires: Expand use of Federal Strategic Sourcing Initiative to DOE federal procurement operations to achieve 4% cost savings/avoidance against Actionable Dollar spending in FY 2015. It is advantageous for the Contractor to use Supply Chain Management Center (SCMC), Integrated Contractor Purchasing Team (ICPT), or DOE agreements to the maximum extent practicable. Use of such pre-established agreements as part of the overall acquisition strategy is considered a cost-effective and controlled use of Government resources and is considered to be an effective and efficient solution for procurement requirements. Rationale and justification for not using a pre-established agreement, as referenced, should be documented. As per DOE Policy Flash 2014-18, DOE Procurement Directors should establish internal processes that place consideration of established DOE agreements at the top of the order of precedence of acquisition strategies when conducting acquisition planning for goods and services, coordinating with the ICPT, SCMC, and applicable DOE Federal agreements.</p> <p>NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.</p> <p>Up to \$100,000 of the allocated fee will be paid for this Contract Output.</p>

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015 LS-6.01	9/30/15	\$100,000	<p>The Federal Strategic Sourcing Initiative to DOE federal procurement operations is to achieve 4% cost savings/avoidance against actionable dollar spending in FY 2015; (Cost Control).</p> <p>The cost savings/avoidance percentage (X%) is achieved as follows:</p> $X\% = \left[ \frac{\text{SCMC Reported Cost Avoidance/Savings}}{\text{Actionable Dollars}} \right] \times 100$ <p>Note:                      Actionable Dollars = (Total Auto Sourced Actions – Total Buyer Actions Using Contracts – Total P-Card Actions – Sole Source Actions – Multi-Year Contract Actions).</p>

<b>Acceptance Criteria</b>
<p>DOE-SR will review the report from the contractor documenting the average procurement cost per transaction of the CAPS survey to validate the percentage of the actionable dollars for the calculation which results in the Fee Percentage. DOE-SR will review the SCMC-issued monthly report in conjunction with the quarterly report, provided through the DOE-SR Contracting Officer up to DOE HQ.</p> <p>NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing</p>

cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

**Contract Output SRNS2015LS-07: (Cost Control)**

**Chief Financial Officer (CFO) Evaluation**

The CFO will develop a multi-phased project to evaluate the accounting for H-Canyon materials processing and recommend the optimum method for cost assignment to programs.

**Description/Background/Justification:**

This is a multi-phased project to evaluate the accounting for H-Canyon materials processing and recommend the optimum method for cost assignment to programs in phases. The total duration of this effort will span FY14 and FY15.

Over the last several years, the SRS, and specifically H-Canyon, has experienced an increase in Work-for-Others type activities to support the nation's efforts to secure vulnerable nuclear materials from around the world. With funding coming from different sources, it is essential that financial processes accurately reflect the use of funds to ensure compliance with accounting standards and requirements.

The first phase of this project, completed in FY14, described and characterized an understanding of the current state of H-Canyon's mission and technical processes, specific programmatic workscope, and cost methodology, regarding the costs associated with the base EM program, NNSA's AFS-2, and the IEWO related to Canadian fuel.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

**Up to \$500,000 of the allocated fee will be paid for this Contract Output.**

<b>Number</b>	<b>Date</b>	<b>Fee</b>	<b>Contract Output Completion Criteria:</b>
SRNS2015 LS-7.01	a) 4/17/15	a) \$100,000	a) Conduct an assessment to evaluate alternative cost methodologies and recommend an optimum accounting methodology. Develop an implementation plan and schedule; (Cost Control).
	b) 9/30/15	b) \$400,000	b) Methodology is ready to be implemented in FY2016

**Acceptance Criteria**

DOE-SR will evaluate the SRNS assessment to ensure a thorough analysis was conducted, the conclusion was based upon sound accounting principles, and the implementation plan and schedule are reasonable.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

**Contract Output SRNS2015LS-08: (Project Controls)**

**Prepare for and Receive DOE Recertification of Earned Value Management System (EVMS).**

**Description/Background/Justification:**

Activities associated with SRNS preparation for and completion of Earned Value Management Re-Certification:

1. Declare Readiness for Recertification
2. Receive Provisional Certification to support D Ash CD-2/CD-3 approval.
3. Receive Recertification from DOE-OAPM

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to \$500,000 of the allocated fee will be paid for this Contract Output. NOTE: All milestones must be successfully met to be eligible for the total allocated fee.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015LS-08.01	1. 12/31/14	1. \$100,000	<ol style="list-style-type: none"> <li>1. Officially notify DOE Office of Acquisition and Project Management (OAPM) that SRNS is ready for Recertification Review and request an EVMS Surveillance Review.</li> <li>2. Obtain EVMS Provisional Recertification from OAPM for D Ash Basin and Landfill Project.</li> <li>3. Obtain EVMS full recertification from OAPM for SRNS Capital Projects.</li> </ol>
	2. 3/15/15	2. \$100,000	
	3. 6/30/15	3. \$300,000	

**Acceptance Criteria**

DOE-SR will verify SRNS EVMS documentation for preparation and satisfactory execution of both Provisional Certification and full Recertification Reviews meets requirements and complies with OAPM guidance; verify authenticity of OAPM certification documentation.



## Performance Incentive Document

<b>PID Number:</b>	SRNS2015SUBJ	
<b>Activity Name:</b>	Management & Operations - Subjective	
<b>WBS Number:</b>	Various / Indirect	
<b>Performance Period:</b>	October 1, 2014 – September 30, 2015	
<b>Allocated Fee:</b>	\$5,389,000	
<b>Revision Number:</b>	0	
<b>Senior level manager:</b>	Doug Hintze Assistant Manager Mission Support (AMMS)	
<b>Senior level supervisor/division manager:</b>	Bill Clark	
<p><b>Contract Performance Outcome:</b>          Minimize risk of cost overruns; reduce overall number of changes (e.g. Baseline Change Proposals (BCP), contract modifications, etc.) for scope, cost and schedule. The contractor will provide timely, accurate, reliable and actionable project and contractor cost, schedule, performance, risk, and forecast data, reports and information.</p> <p>This incentive is not intended to motivate the contractor to excel in cost control to the detriment of the other important performance objectives.</p> <p><b>Environmental Management Performance Objectives per Contract No. DE-AC09-08SR22470:</b></p> <p><b>Nuclear Materials Management</b>          The Contractor shall safely and effectively manage nuclear materials and facilities in accordance with applicable DOE Directives and requirements. Management of nuclear materials at DOE-SR includes storage, operations and disposition.</p> <p><b>Solid Waste</b>          The Contractor shall manage the Solid Waste Program to safely and effectively prevent and/or minimize the generation of solid waste to include hazardous, low level, transuranic, mixed, and municipal sanitary wastes. The Contractor shall insure that the handling, treatment, storage, transportation and disposal of existing “legacy” and future solid waste is environmentally sound and in compliance with DOE Directives, and applicable regulations and requirements.</p> <p><b>Soil and Water Remediation (Area Completion Project)</b>          The Contractor shall plan and safely execute a program that meets all regulatory commitments reflected in the DOE-SR Federal Facility Agreement, Resource Conservation and Recovery Act (RCRA) permit and closure plans, settlement agreements, administrative orders, consent decrees, notices of violation(s), Memoranda of Agreements or other notices of direction from DOE and/or regulatory agencies.</p>		

**Savannah River National laboratory (SRNL)**

SRNL's three-fold mission is to enable the success of DOE-SR operations; to provide technical leadership for future site missions; and to utilize its technical expertise to provide vital national and regional support in achieving the broader goals of DOE and the federal government in a safe manner. SRNL shall be operated as a defined work activity within the M&O contract structure so that it will be positioned to be responsive to future DOE requirements.

**ESS&H Program**

The Contractor shall conduct a comprehensive ESS&H program that provides for the protection of workers, the public, and the environment. The Contractor shall include provisions for the protection of human health and safety security and the environment in all activities for which it has contractual responsibilities.

**Operations Support**

The Contractor shall implement site-wide programs and coordinate their implementation with all site organizations. The Contractor shall provide technical support for all its activities and operations. The Contractor shall also provide technical support for other organizations as directed by the CO or as requested by other organizations and approved by the CO. Except as otherwise directed by the CO, services to other contractors generally do not extend to within their facilities or areas under the control of other tenant organizations.

**Business Services**

The Contractor shall provide general planning, management and administrative services for all its activities and for other organizations as directed by the CO.

**Regulatory Compliance**

The Contractor shall plan strategically in an environment of changing budgets and technical and regulatory requirements, maintain and enhance community, regulatory, and stakeholder relationships. All D&D activities shall be conducted through an integrated approach with soil and water remediation requirements in accordance with the established regulatory interaction protocols. D&D activities, and the integrated approach within, must take into account historic properties and historic preservation requirements.

**Contract Output SRNS2015SUBJ-01:**

This incentive is measured with an adjectival rating to measure technical performance, cost control, schedule performance and business relations / management for all of the fiscal year 2015 authorized scope.

This Contract Output will receive an adjectival grade and numerical score. In order to provide for consistency across the Complex, DOE-SR will use the five tier adjectival ratings and definitions set forth in FAR 16.4 described below.

Adjectival Rating	Percent of allocable fee	Definition
Excellent	91% - 100%	Contractor has exceeded almost all of the significant award-fee criteria and has met overall cost, schedule, and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.
Very Good	76% - 90%	Contractor has exceeded many of the significant award-fee criteria and has met overall cost, schedule, and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.
Good	51% to 75%	Contractor has exceeded some of the significant award-fee criteria and has met overall cost, schedule, and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.
Satisfactory	1% to 50%	Contractor has met overall cost, schedule, and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.
Unsatisfactory	0%	Contractor has failed to meet overall cost, schedule, and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.

**Description/Background/Justification:**

**Description:**  
 In an effort to identify strengths and weaknesses in performance, the IPT, as identified in the PEMP, conducts informal evaluations with site federal and contractor organizations to solicit feedback on contractor performance in four topical areas:

- Technical Quality
- Cost Control
- Schedule (timeliness)
- Business Relations

Federal and contractor evaluations may be completed together with other reviews to improve efficiency in preparing monthly performance reports. The following DOE-SR organizations complete monthly evaluations of contractor performance:

- Assistant Manager for Infrastructure and Environmental Stewardship (AMIES)
- Assistant Manager for Mission Support (AMMS)
- Office of Acquisition Management (OAM)
- Office of Human Capital Management (OHCM)
- Assistant Manager for Nuclear Material Stabilization (AMNMS)
- Assistant Manager for Waste Disposition (AMWD)
- Office of Field Chief Financial Officer (CFO)
- Office of Chief Counsel (OCC)
- Office of Civil Rights (OCR)
- Office of External Affairs (OEA)
- Office of Safety and Quality Assurance (OSQA)
- Office of Safeguards, Security and Emergency Services (OSSES)

Similarly, counterpart SRNS organizations conduct monthly self-assessments and provide self-assessment

results to DOE-SR organizations regarding cross-cutting areas of performance and roll up the information into the these same four topical areas:

Technical Quality  
Cost Control  
Schedule (timeliness)  
Business Relations

**Background:**

The primary mission of U.S. Department of Energy (DOE) Office of Environmental Management (EM) is to complete safe cleanup of environmental legacy brought about from five decades of nuclear weapons development and government-sponsored nuclear energy research by DOE and its predecessor agencies.

EM is responsible for environmental restoration, waste management, technology development, and facility transition and management. To achieve its vision and implement desired management improvement efforts requires an organized, systematic approach to program and project execution. EM has developed the EM Program Management System (EMPMS) to clarify roles and responsibilities, to provide for more integrated operations, and to further establish a solid baseline for workforce planning.

The EMPMS is a performance-based management system. Performance-based management uses performance measurement information to help set agreed-upon performance goals, to allocate and prioritize resources, to inform managers so they can manage program activities to meet those goals, and to report on their status. It also offers opportunity to learn from any failures in performance and to continuously improve management practices.

**Justification:**

Contractor self-assessments are used to measure and report contractor technical performance (quality of product/service), cost control, adherence to schedule, and business relations / management as these relate to the contractor support of the individual and collective DOE organizations and address both the strengths and weaknesses of performance during the evaluation period.

The structured process described above is used to enhance contractor work performance. The implementation methodology to ensure the structured process is executed is described below:

SRNS self-assessments are captured monthly in an electronic web-based DOE Scorecard Tool, and are used facilitate enhanced communication between individual DOE-SR and SRNS organizations. For example, within the DOE Scorecard Tool, a score [1 (Unsatisfactory) -5 (Excellent)] is applied to performance in the four topical areas for each reporting organization.

These topical areas and scores are then used as a basis for positive and negative feedback discussion in meetings between the individual responsible SRNS and DOE-SR organizations.

Monthly, the SRNS PEMP Manager rolls up all SRNS reporting organization self-assessments into a monthly SRNS "Subjective Report" which includes scoring in the four topical areas. Furthermore, this report also includes a section document DOE-SR summary and scoring comparisons, and documents measures of technical, cost, schedule performance and business relations / management in accordance with site performance reporting to support the DOE-SR Contractor Performance Assessment Reporting (CPAR) requirements.

This report and the scoring within it is reviewed by DOE-SR monthly as part of the M&O Subjective milestone review and consequently supports provisional fee payments as per contract clause H-33: PROVISIONAL PAYMENT OF INCENTIVE FEE\*.

\* H-33: PROVISIONAL PAYMENT OF INCENTIVE FEE: the contractor may request monthly provisional fee payments for up to 1/12th of 50% of the total subjective fee for the performance period. Provisional fee is not considered earned fee and is contingent upon a final fee determination by the Fee Determination Official.

This system, the structured process and the implementing methodology, is critical to the evaluation of that portion of SRNS work that is considered implicit, or "Subjective". This system provides for clear performance measures that are defined and consistent with standards of reporting contractor performance (FAR 42.15, FAR 15.3, FAR 9.1, and DEAR 909.1), The Federal Acquisition Streamlining Act of 1994, and the federal acquisition guide, chapter 42.15.

Additionally, Subjective incentives use adjectival measures related to quality of service or product. The success of a contractor against Subjective measures is determined by the government. The government considers the related conditions under which the work was performed as well as the contractor's specific performance as measured against the government's objective.

Moreover, customer service is an implicit performance expectation. Both federal and contractor employees will strive to reach mutual expectations and conduct beneficial communications in support of site missions.

**Up to \$5,389,000 of the allocated fee will be paid for this Contract Output.**

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2015 SUBJ-1.01	9/30/15	\$5,389,000	Provide a monthly report measuring trends and improvements in technical, cost, schedule performance and business relations / management activities. The report will include trending data and analysis of direct program (PBS) continuous improvement efforts, and cost performance of the Indirect cost pools (Essential Site Services, Landlord Services and G&A).

**Acceptance Criteria**

DOE-SR will review the contractor monthly reports measuring technical, cost, schedule performance and business relations / management in accordance with site performance reporting to support the DOE-SR Contractor Performance Assessment Reporting (CPAR) requirements and this PEMP, Section 6, Performance Evaluation.

In addition, DOE-SR will use the following suggested guidelines when measuring performance:

Quality of Product or Service  
 Assess Conformance to:  
 Contract Requirements  
 Specifications  
 Standards of Good Workmanship  
 Are reports/data accurate?  
 Does the product or service meet the specifications of the contract?  
 What degree of Government technical direction was required to solve problems that arose during performance?

Schedule  
 Assess Timeliness of Completion Against:  
 Contract  
 Task Orders  
 Milestones  
 Delivery Schedules  
 Administrative Requirements

Cost Control  
 Assess Effectiveness in Forecasting, Managing, Controlling Contract Cost  
 Does the Contractor keep within the total estimated cost?  
 Negotiated/Budgeted Costs vs Actuals  
 Did the Contractor do anything innovative that resulted in cost savings?

Were billings current, accurate, and complete?  
Are the Contractor's budgetary internal controls adequate?

**Business Relations**

Assess Integration and Coordination of All Activity Needed to Execute Contract

Problem Identification

Corrective Action Plans

Reasonable & Cooperative Behavior

Customer Satisfaction

Timely Award & Management of Subcontracts

Attachment D, NNSA Performance Incentive Documents for fiscal year 2015

**Fiscal Year 2015  
DOE/NNSA Strategic Performance Evaluation Plan (PEP) Template**

**FOR**

**MANAGEMENT AND OPERATION OF THE  
SAVANNAH RIVER SITE NNSA ACTIVITIES**

**By**

**Savannah River Nuclear Solutions, LLC**

**Contract Number: DE-AC09-08SR22470**

**Performance period: October 01, 2014 through September 30, 2015**

**Attachment E, Revision Summary Log**

<b>Rev. #</b>	<b>Rev. Date</b>	<b>Affected Sections / Pages</b>	<b>Description of Revision</b>
0	10/01/14	All	Initial Issue for this evaluation period

**Fiscal Year 2015**

**DOE/NNSA Strategic Performance Evaluation Plan (PEP)**

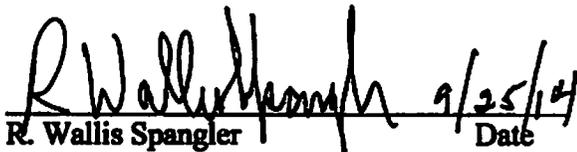
**FOR**

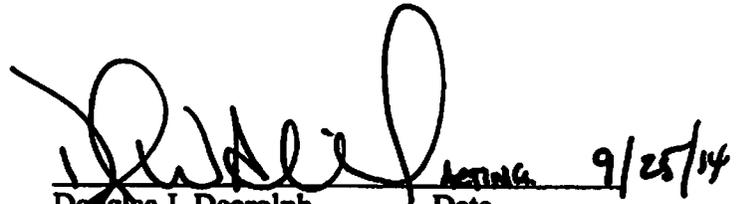
**MANAGEMENT AND OPERATION OF THE  
SAVANNAH RIVER SITE NNSA OPERATIONS**

**By**

**Savannah River Nuclear Solutions, LLC  
Contract Number: DE-AC09-08SR22470**

**Performance Period: October 01, 2014 through September 30, 2015**

  
\_\_\_\_\_  
R. Wallis Spangler      Date  
Senior Vice President  
NNSA Operations and Programs  
Savannah River Nuclear Solutions, LLC

  
\_\_\_\_\_  
Douglas J. Dearolph      Date  
Field Office Manager  
Savannah River Field Office  
National Nuclear Security Administration

  
\_\_\_\_\_  
John W. Temple      Date  
Senior Vice President  
Contracts Management  
Savannah River Nuclear Solutions, LLC

  
\_\_\_\_\_  
Carol R. Elliott      Date  
Contracting Officer  
Savannah River Field Office  
National Nuclear Security Administration

**FY 2015 PERFORMANCE EVALUATION PLAN**

**DOCUMENT REVISION HISTORY**

<b>Revision</b>	<b>Date</b>	<b>Change Description</b>
Rev 0	Original Issue	

## **INTRODUCTION**

Savannah River Site is a facility owned by the United States Department of Energy (DOE), herein referenced as "Plant," and is managed by Savannah River Nuclear Solutions, LLC (SRNS). Pursuant to the terms and conditions of the Contract, and clause H-27, *Performance Based Management*, this Performance Evaluation Plan (PEP) sets forth the criteria in which SRNS' performance will be evaluated and upon which the determination of the amount of award fee earned shall be based. The available award fee amounts for FY 2015 are specified in Section B-2.3 and scope of work for NNSA as set forth in Section C-3.3 of Contract number DE-AC09-08SR22470. This PEP promotes a strategic Governance and Oversight framework, for the NNSA scope, based on prudent management of risk, accountability, transparency, and renewed trust. It has been written to implement the collective governance and oversight reform principles as expressed by the DOE/National Nuclear Security Administration (NNSA).

## **PERFORMANCE BASED APPROACH**

The performance-based approach evaluates SRNS's performance through a set of Performance Objectives (PO). Each PO, and its associated Contributing Factors (CF) and Site Specific Outcomes (SSO), will be measured against authorized work and the respective outcomes, demonstrated performance, and impact to the DOE/NNSA mission. CFs and SSOs will be assessed in the aggregate to establish an adjectival performance rating for each PO. Notwithstanding the overall strategic framework, failure to achieve an individual SSO, the most important DOE/NNSA fiscal year objectives at the plant, may limit the award-fee.

## **MISSION**

SRNS shall furnish the necessary personnel, facilities, equipment, materials, supplies, and services (except those provided by the Government) to accomplish the Scope of Work. The Scope of Work under the Performance Based Management Contract is comprehensive in that the Contractor shall perform all necessary technical, operations and management functions to manage and operate SRS and perform the mission assigned to the site.

## **MISSION PERFORMANCE**

SRNS is accountable for and will be evaluated on successfully executing program work in accordance with applicable DOE/NNSA safety and security requirements consistent with the terms and conditions of the Contract. Protection of worker and public safety, the environment, and security are essential and implicit elements of successful mission performance. Accordingly, the model for this PEP is to rely on the SRNS's leadership to use appropriate DOE contractual requirements and recognized industrial standards based on consideration of assurance systems, and the related measures, metrics, and evidence. SRNS is expected to manage in a safe, secure, efficient, effective, results-driven manner, with appropriate risk management and transparency to the government, while taking appropriate measures to minimize costs that do not compromise core objectives and mission performance. Products and services are expected to be delivered on-schedule and within budget.

### **CONSIDERATION OF CONTEXT IN PERFORMANCE EVALUATION**

The evaluation of performance will consider “context” such as unanticipated barriers (e.g., budget restrictions, rule changes, circumstances outside SRNS control), degree of difficulty, significant accomplishments, and other events that may occur during the performance period. A significant safety or security event may result in overall limitation to adjectival ratings. Such impacts may be balanced by the response to the incident, and by other initiatives to improve overall safety or security performance. The contractor is encouraged to note significant safety and security continuous improvements.

### **PERFORMANCE RATING PROCESS**

At the end of each of the first three quarters, DOE/NNSA will evaluate performance and provide feedback to SRNS highlighting successes and/or needed improvement. At the end of the year, an overall performance rating will be assigned for each PO using the table in Federal Acquisition Regulation Subpart 16.401(e) (3) yielding scores of Excellent, Very Good, Good, Satisfactory or Unsatisfactory. In general, performance objectives and contributing factors are written to reflect an overall adjectival performance level of Good. DOE/NNSA will consider the SRNS end of year self-assessment report in preparing the Performance Evaluation Report (PER) for the Fee Determining Official (FDO). The PER transmits the final recommendations on performance ratings and award fee earned for the award fee period of performance. The unilateral decision of the total award fee earned will be made by the FDO.

### **PEP CHANGE CONTROL**

It is essential that a baseline of performance expectations be established at the beginning of the performance period to equitably measure performance, and that changes to that baseline are carefully managed. Any change to the PEP requires concurrence by the appropriate program office, the NNSA Senior Procurement Executive, and the NNSA corporate PEP manager prior to the Field Office Manager and Contracting Officer signatures. While recognizing the unilateral rights of DOE/NNSA as expressed in contract H-27 *Performance Based Management*, and H-28 *Performance Incentives*, bilateral changes are the preferred method of change whenever possible.

### **FINAL DECISION**

The SRNS Senior Vice President for NNSA Operations and Programs can request a face-to-face meeting with the FDO to highlight their site’s strategic performance. This meeting should occur in early October.

## **TOTAL AVAILABLE AWARD FEE ALLOCATION**

<b>Performance Category</b>	<b>Performance Objective</b>	<b>% At-Risk Fee Allocation</b>
Programs (NA-10)	<b>PO-1: Manage the Nuclear Weapons Mission</b>	27%
Programs (NA-20, NA-40, NA-80)	<b>PO-2: Reduce Global Nuclear Security Threats Mission</b>	25%
Programs (FOM)	<b>PO-3: DOE and Strategic Partnership Project Mission Objectives (Not Applicable)</b>	0%
Operations & Mission Execution (FOM)	<b>PO-4: Science, Technology, and Engineering (ST&amp;E)</b>	5%
Operations & Mission Execution (FOM)	<b>PO-5: Operations and Infrastructure</b>	33%
Operations & Mission Execution (FOM)	<b>PO-6: Leadership</b>	10%

### **UNEARNED FEE**

DOE/NNSA reserves the right to withdraw and redistribute DOE/NNSA unearned fees.

### **INNOVATIVE SOLUTIONS**

SRNS will recommend innovative, science-based, systems-engineering solutions to the most challenging problems that face the nation and the globe. SRNS will also provide evidence to support programmatic needs and operational goals tempered by risk. DOE/NNSA will take into consideration all major functions contributing to mission success. In addition, SRNS is expected to recommend and implement innovative business and management improvement solutions that enhance efficiencies.

**PO-1: Manage the Nuclear Weapons Mission – NA-10 (At-Risk Fee: 27%)**

**Successfully execute Nuclear Weapons mission work in a safe and secure manner in accordance with DOE/NNSA Priorities, Program Control Document and Deliverables, and Program Implementation Plans. Integrate across the plant, while maintaining a DOE/NNSA enterprise-wide focus, to achieve greater impact on a focused set of strategic national security priorities. Provide defensible objective evidence.**

**Contributing Factors:**

- CF-1.1 Accomplish work as negotiated with program sponsors and partners, achieving the expected level of quality to ensure safe, secure, reliable weapon performance, transportation, and cost effective operations.**
- CF-1.2 Increase knowledge of the state of the stockpile, resulting from successful execution of the stockpile surveillance program and a robust scientific and engineering understanding for the delivery of the annual stockpile assessment.**
- CF-1.3 Execute stockpile work to deliver stockpile system maintenance, production, limited-life component exchanges, weapons containers and dismantlements.**
- CF-1.4 Demonstrate the application of new strategies, technologies, and scientific understanding to support stewardship of the existing stockpile and future stockpile needs.**
- CF-1.5 Sustain and strengthen unique science and engineering capabilities, facilities and essential skills to ensure current and future Nuclear Weapons mission requirements will be met.**
- CF-1.6 Execute product realization processes and activities in support of nuclear weapon life extension programs, modification and alterations in accordance with NNSA requirements and Nuclear Weapons Council guidance.**

**Site Specific Outcomes:**

- SSO 1.1 Effectively implement project controls tools on the W88 Alt 370 and B61-12 LEP to execute the program and lower risks while providing detailed program status to FPM, including deployment of Management Reserve; and to implement an effective cost control process and develop opportunities for cost reduction.**
- SSO 1.2 Execute production readiness and production activities IAW the NNSA Integrated Master Schedule on the W88 Alt 370 and B61-12 LEP while effectively utilizing project controls tools to meet scheduled deliverables.**

**PO-2: Reduce Global Nuclear Security Threats Mission – NA-20, NA-40, and NA-80 (At-Risk Fee: 25%)**

Successfully execute authorized global nuclear security mission work in a safe and secure manner to include the Non-Proliferation, Emergency Operations and Counterterrorism missions. Integrate across the plant while maintaining an NNSA enterprise-wide focus, to achieve greater impact on a focused set of strategic national security priorities. Provide defensible objective evidence.

**Contributing Factors:**

- CF-2.1 Support efforts to remove, eliminate, and minimize the use of proliferation-sensitive materials.**
- CF-2.2 Support efforts to safeguard and secure materials, technologies, and facilities.**
- CF-2.3 Support efforts to detect and prevent the illicit trafficking of nuclear/radiological materials, technology, information and expertise.**
- CF-2.4 Provide R&D technology solutions for treaty monitoring, minimizing the use of proliferation-sensitive materials, and the application of safeguards and security.**
- CF-2.5 Provide unique technical/policy solutions and develop programs/strategies to reduce nuclear/radiological dangers.**
- CF-2.6 Demonstrate effective operations and implementation of policy for mission success in support of emergency management, incident response and nuclear forensics mission support capability.**
- CF-2.7 Sustain and improve nuclear counterterrorism and counter-proliferation science, technology, and expertise.**

**Site Specific Outcome:**

- SSO 2.1 Perform activities necessary in H-Canyon and HB-Line to produce plutonium oxide analyzed to be acceptable feedstock from non-pit plutonium currently stored in K-Area, in accordance with the requirements contained in the FY15 Work Authorization and Execution Plan.**
- SSO 2.2 Develop and complete design, cost and schedule baselines for the HB-Line Ventilation Modification General Plant Project and initiate procurement and construction in accordance with those approved baselines and related work scope as defined in the FY15 Work Authorization and Execution Plan.**

**PO-3: DOE and Strategic Partnership Project Mission Objectives– FOM (At-Risk Fee: 0%)  
(Not Applicable)**

**Successfully execute high-impact work for DOE and Strategic Partnership Project Mission Objectives safely and securely. Provide objective evidence that demonstrates the value of the work in addressing the strategic national security needs of the U.S. Government.**

**Contributing Factors:**

- CF-3.1 Pursue and perform high impact work that strategically integrates with the DOE/NNSA mission, and leverages, sustains and strengthens unique science and engineering capabilities, facilities and essential skills.**
- CF-3.2 Pursue and perform high-impact Strategic Partnership Projects that strategically integrates with the DOE/NNSA mission, and leverages, sustains and strengthens unique science and engineering capabilities, facilities and essential skills in support of future national security mission requirements.**
- CF-3.3 Accomplish work within the budget profile, scope, cost, schedule, quality and risk negotiated with the program.**

**Site Specific Outcome:**

**None**

**PO-4: Science, Technology, and Engineering (ST&E) – FOM (At-Risk Fee: 5%)**

Successfully advance national security missions and advance the frontiers of ST&E in accordance with budget profile, scope, cost, schedule, and risk while achieving the expected level of quality, safety and security. Effectively manage Plant Directed Research and Development Programs (PDRD) and Technology Transfer programs to advance the frontiers of ST&E. Provide defensible objective evidence.

**Contributing Factors:**

- CF-4.1 Implement a research strategy that is clear and aligns discretionary investments (e.g., PDRD) with the research strategy and support DOE/NNSA priorities.
- CF-4.2 Ensure that research is relevant, enables the national security missions, and benefits DOE/NNSA and the nation.
- CF-4.3 Ensure that research is transformative, innovative, leading edge, high quality, and advances the frontiers of science and engineering.
- CF-4.4 Maintain a healthy and vibrant research environment that enhances technical workforce competencies and research capabilities.
- CF-4.5 Perform research to accomplish the high priority, multi-year research objectives, advance ST&E, and develop technologies for the public good through technology transfer.

**Site Specific Outcome:**

None

## **PO-5: Operations and Infrastructure – FOM (At-Risk Fee: 33%)**

**Effectively and efficiently manage the safe and secure operations of the plant while maintaining an NNSA enterprise-wide focus; demonstrate accountability for mission performance and management controls; assure mission commitments are met with high-quality products and services; and maintain excellence as a 21<sup>st</sup> century government-owned, contractor-operated facility.**

### **Contributing Factors:**

- CF-5.1 Deliver effective, efficient, and responsive environment, safety and health (ES&H) management and processes.**
- CF-5.2 Accomplish capital projects in accordance with scope, cost, and schedule baselines.**
- CF-5.3 Deliver effective, efficient, and responsive safeguards and security.**
- CF-5.4 Maintain, operate and modernize the DOE/NNSA facilities, infrastructure, and equipment in an effective, energy efficient manner; including disposition of unneeded infrastructure and excess hazardous materials.**
- CF-5.5 Deliver efficient, effective and responsible business operations, systems and information technology.**
- CF-5.6 Deliver efficient and effective management of legal risk and incorporation of best legal practices.**
- CF-5.7 Deliver effective, efficient, and responsive cyber security.**

### **Site Specific Outcome:**

- SSO 5.1 Execute funded scope in support of Tritium Responsive Infrastructure Modifications (TRIM) Program objectives, including CD-0 support for the Tritium Centric Operations Project (TCOP) line item, per the FY15 Work Authorization and Execution Plan (WAEP).**
- SSO 5.2 Develop and institutionalize a process based upon formal risk assessment and engineering analysis of facility systems to schedule and manage strategic investment for the Tritium Facility. The process will ensure sustainment of facility capabilities and staff competencies to meet long-term Enterprise mission requirements.**
- SSO 5.3 Improve the overall efficiency and effectiveness of the conduct of operations and maintenance programs by fully implementing the SRTE Operational Excellence Plan (SRNS-RP-2009-01039, Rev. 3)**

**PO-6: Leadership - (At-Risk Fee: 10%)**

Successfully demonstrate leadership in supporting the direction of the overall DOE/NNSA mission, improving safety culture, the responsiveness of the SRNS leadership team to issues and opportunities for continuous improvement internally and across the Enterprise, and parent company involvement/commitment to the overall success of the plant and the Enterprise.

**Contributing Factors:**

- CF-6.1 Define and implement a realistic strategic vision for the plant, in alignment with the NNSA Strategic Plan, which demonstrates enterprise leadership and effective collaborations across the NNSA enterprise to ensure DOE/NNSA success.**
- CF-6.2 Promote a culture of critical self-assessment and transparency across all areas; instill a culture of accountability, responsibility, safety and performance through the entire organization; and coordinate/communicate these key issues and concerns to DOE/NNSA leadership.**
- CF-6.3 Demonstrate performance results through the institutional utilization of the Management Assurance System and the leveraging of parent company resources and expertise.**
- CF-6.4 Work selflessly within the DOE/NNSA complex to develop, integrate, and implement enterprise solutions that maximize program outputs at best value to the government; identify innovative business and management solutions that greatly improve enterprise-wide efficiencies.**
- CF-6.5 Exhibit professional excellence in performing roles/responsibilities while pursuing opportunities for continuous learning.**