

**GENERAL PROVISIONS
 FOR
 COST REIMBURSEMENT CONTRACTS
 UNDER
 U. S. DEPARTMENT OF ENERGY
 PRIME CONTRACT NO. DE-AC09-08SR22470
 SAVANNAH RIVER NUCLEAR SOLUTIONS,
 LLC
 SAVANNAH RIVER SITE
 AIKEN, SC 29808**

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Change Bar indicates new article, a change in application, or that text of Article has changed.

** Incorporated by reference to appropriate FAR clause (see <http://www.arnet.gov/far/>) and DEAR clause (<http://professionals.pr.doe.gov/>)*

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SECTION A

SECTION A ARTICLES APPLY REGARDLESS OF ORDER PRICE

A.1 DEFINITIONS

Whenever used in this document with initial capitalization, the following definitions shall be applicable unless the context indicates otherwise:

- A. "Contracting Officer" shall mean the Government official executing the Prime Contract, No. DE-AC09-96SR18500, between SRNS and DOE and includes any appointed successor or authorized representative thereof.
- B. "DOE" shall mean the United States Department of Energy or any duly authorized representative thereof, including any successor or predecessor agency thereof, including the Contracting Officer.
- C. "Government" shall mean the United States of America.
- D. "Head of the agency" or "Secretary" shall mean the Secretary, the Under Secretary, and Assistant Secretary, or any other head or assistant head of the executive or military department or other Federal agency.
- E. "Services" shall mean labor, direction of labor, production of technical information, consulting

services or any other services furnished by Subcontractor and its Subcontractors under this Order, including services performed, workmanship, and materials furnished or used in performing services.

- F. "Subcontractor" shall mean any subcontractor or supplier of any tier who supplies goods and/or services to Subcontractor in connection with Subcontractor's obligations under this Order.
- G. "Subcontractor" shall mean the person or organization entering into this Order with SRNS.
- H. "Subcontractor's managerial personnel" shall mean any of the Subcontractor's directors, officers, managers, superintendents, or equivalent representatives who have supervision or direction of:
 - (1) All or substantially all of the Subcontractor's business;
 - (2) All or substantially all of the Subcontractor's operation at a plant or separate location at which this Order is being performed; or
 - (3) A separate and complete major industrial operation connected with performing this Order.
- I. "Supplies" shall mean equipment, components, parts and materials, including, but not limited to, raw materials, components, intermediate assemblies, end products, lots of supplies and data to be provided by Subcontractor and its Subcontractors pursuant to this Order.
- J. "Vendor Data" shall mean any and all information, data and documentation to be provided by Subcontractor and its Subcontractors under this Order.
- K. "Work" shall mean Supplies, Services, and Vendor Data provided by Subcontractor and its Subcontractors and all work performed with respect thereto, pursuant to this Order.
- L. "SRNS" shall mean the Savannah River Nuclear Solutions.
- M. "SRNS Purchasing Representative" shall mean a person with the authority to execute, administer, and terminate the contract, and make related determinations and findings. The term includes certain authorized representatives of the SRNS Purchasing Representative acting within the limits of their authority as delegated by the SRNS Purchasing Representative.

A.2 GENERAL

The terms and conditions of these General Provisions and those set forth elsewhere in this Order apply notwithstanding any different or additional terms and conditions which may be submitted or proposed by Subcontractor, and SRNS objects to and shall not be bound by any such additional or different terms and

conditions.

- A. This Order, which term shall be deemed to include related plans, drawings, specifications, and other documents, contains the entire agreement and understanding between the parties as to the subject matter of this Order, and merges and supersedes all prior agreements, understandings, commitments, representations, writings, and discussions between them. Neither of the parties will be bound by any prior obligations, conditions, warranties, or representations with respect to the subject matter of this Order. The parties agree that recourse may not be had to alleged prior dealings, usage of trade, course of dealing, or course of performance to explain or supplement the express terms of this Order.
- B. The failure of either party to enforce at any time any of the provisions of this Order or to require at any time performance by the other party of any of such provisions shall in no way be construed to be a waiver of such provision, nor in any way to affect the validity of this Order or any parts thereof, or the right of either party thereafter to enforce each and every provision.
- C. The headings used in this Order are not to be construed as modifying, limiting, or expanding in any way the scope or extent of the provisions in this Order.
- D. All references herein to the Department of Energy Acquisition Regulations (DEAR) or Federal Acquisition Regulations (FAR) are those in effect on the date of this Order.
- E. In the event of an inconsistency between provisions of this Order, the inconsistency shall be resolved by giving precedence as follows:
 - (1) purchase order;
 - (2) these General Provisions;
 - (3) statement of work; and
 - (4) other provisions of this Order, whether incorporated by reference or otherwise.
- F. Wherever references are made in this Order to standards or codes in accordance with which the Work under this Order is to be performed, the edition or revision of the standards or codes current on the effective date of this Order shall apply unless otherwise expressly stated in the specifications and drawings. In case of conflict between any reference standards and codes and any Order Document, the latter shall govern.
- G. Supplier shall perform all Work pursuant to this Order as an independent contractor. If any part of the Work is subcontracted, Supplier is responsible for having that subcontracted Work comply with the terms of this Order. No act or order of SRNS shall be deemed to be an exercise of supervision or control of performance hereunder. No provision of

this Order and no action taken by SRNS under this Order shall be construed to make or constitute SRNS the employer or joint employer of any of the employees of Supplier or any Subcontractor.

A.3 SUBCONTRACTING

- A. Subcontractor shall select Subcontractors on a competitive basis to the maximum practicable extent consistent with the objectives and requirements of this Order.
- B. "Subcontract" as used in this article includes, but is not limited to, purchase orders, and changes and modifications to purchase orders. The Subcontractor shall notify SRNS reasonably in advance of entering into any subcontract if --
 - (1) The proposed subcontract is of the cost-reimbursement, time-and-materials, or labor-hour type;
 - (2) The proposed subcontract is fixed-price and exceeds either \$25,000 or 5 percent of the total estimated cost of this Order;
 - (3) The proposed subcontract has experimental, developmental or research work as one of its purposes; or
 - (4) The proposed subcontract provides for the fabrication, purchase, rental, installation, or other acquisition of special test equipment valued in excess of \$10,000 or of any items of facilities.
- C.
 - (1) In the case of a proposed subcontract that (i) is of the cost-reimbursement, time-and-materials, or labor-hour type, and is estimated to exceed \$10,000, including any fee, (ii) is proposed to exceed \$100,000, or (iii) is one of a number of subcontracts with a single subcontractor, under this Order, for the same or related supplies or services that, in the aggregate, are expected to exceed \$100,000, the advance notification required by paragraph B above shall include the information specified in subparagraph 2. below.
 - (2)
 - (i) A description of the supplies or services to be subcontracted.
 - (ii) Identification of the type of subcontract to be used.
 - (iii) Identification of the proposed subcontractor and an explanation of why and how the proposed subcontractor was selected, including the competition obtained.
 - (iv) The proposed subcontract price and the Subcontractor's cost or price analysis.
 - (v) The subcontractor's current, complete, and accurate cost or pricing data and Certificate of Current Cost or Pricing Data, if required by other Order

- provisions.
- (vi) The subcontractor's Disclosure Statement or Certificate relating to Cost Accounting Standards when such data are required by other provisions of this Order.
 - (vii) A negotiation memorandum reflecting
 - (a) The principal elements of the subcontract price negotiations;
 - (b) The most significant considerations controlling establishment of initial or revised prices;
 - (c) The reason cost or pricing data were or were not required;
 - (d) The extent, if any, to which the Subcontractor did not rely on subcontractor's cost or pricing data in determining the price objective and in negotiating the final price;
 - (e) The extent to which it was recognized in the negotiation that the subcontractor's cost or pricing data were not accurate, complete, or current; the action taken by the Subcontractor and the subcontractor; and the effect of any such defective data on the total price negotiated;
 - (f) The reasons for any significant difference between the Subcontractor's price objective and the price negotiated; and
 - (g) A complete explanation of the incentive fee or profit plan when incentives are used. The explanation shall identify each critical performance element, management decisions used to quantify each incentive element, reasons for the incentives, and a summary of all trade-off possibilities considered.
- D. The Subcontractor shall obtain SRNS's written consent before placing any subcontract for which advance notification is required under paragraph (B) above.
 - E. Consent by SRNS to any subcontract shall not constitute a determination (1) of the acceptability of any subcontract terms or conditions, (2) of the allowability of any cost under this Order, or (3) to relieve the Subcontractor of any responsibility for performance.
 - F. No subcontract placed under this Order shall provide for payment on a cost-plus-a-percentage-of-cost basis, and any fee payable under cost-reimbursement type subcontracts shall not exceed the fee limitations in paragraph 15.404-4(c)(4)(i) of the Federal Acquisition Regulation.
 - G. The Subcontractor shall give SRNS immediate written notice of any action or suit filed and prompt notice of any claim made against the Subcontractor by any subcontractor or vendor that, in the opinion of the Subcontractor, may result in litigation related in any way to this Order, with respect to which the Subcontractor may be entitled to reimbursement from SRNS.
 - H. (1) The Subcontractor shall insert in each price redetermination or incentive price revision subcontract under this Order the substance of the paragraph "Quarterly limitation of payments statement" of the clause at FAR 52.216-5, Price Redetermination - Prospective, 52.216-6, Price Redetermination - Retroactive, 52.216-16, Incentive Price Revision - Firm Target, or 52.216-17, Incentive Price Revision - Successive Targets, as appropriate, modified in accordance with the paragraph entitled "Subcontracts" of that clause.
 - (2) Additionally, the Subcontractor shall include in each cost-reimbursement subcontract under this Order a requirement that the subcontractor insert the substance of the appropriate modified subparagraph referred to in subparagraph (1) above, in each lower tier price redetermination or incentive price revision subcontract under that subcontract.
 - I. To facilitate small business participation in subcontracting, the Subcontractor agrees to provide progress payments on subcontracts under this Order that are fixed-price subcontracts with small business concerns in conformity with the standards for customary progress payments stated in FAR 32.502-1 and 32.504(f), as in effect on the date of this Order. The Subcontractor further agrees that the need for such progress payments will not be considered a handicap or adverse factor in the award of subcontracts.
 - J. SRNS and the Government reserve the right to review the Subcontractor's purchasing system as set forth in FAR subpart 44.3.
 - K. When the use of a Subtier Subcontractor(s) is deemed necessary, the Prime Supplier is responsible to flow down those Technical and Quality requirements deemed applicable for the activities within its defined scope of work, in accordance with referenced Codes/Standards/Material Specifications, or other requirements identified within the procurement documents included with this Purchase Order/Subcontract package. The Prime Subcontractor is furthermore responsible to flow down all commercial Terms and Conditions, including articles incorporated by reference, to all Subtier Subcontractor, which includes verification

that the Subtier Subcontractor has been appropriately qualified to perform the activities required to satisfy this procurement. The Prime Subcontractor must maintain objective evidence of the successful flow down of the referenced requirements and provide such evidence to SRNS upon request. This flow down is also required at all levels if the Subtier Subcontractor to the Prime Subcontractor deems it necessary to further subcontract its parts of this SRNS contract.

- L. When NQA-1 is invoked as the governing standard, the Prime Subcontractor and applicable Subtier Subcontractor(s) shall be required to meet the Part 1 Basic Requirements (Section 100). Additional Sections of NQA-1 Part 1, (Sections 200 and above), and NQA-1 Part II, may be invoked at the discretion of SRNS via the procurement documents, and if invoked, must be flowed down from the Prime Subcontractor to its applicable Subtier Subcontractor(s) at all levels. If the Prime Supplier or its Subtier Subcontractor (s) intends to upgrade materials by way of a Commercial Grade Dedication Process, SRNS must be notified of this intent and the Supplier's process verified and approved prior to dedicating any material associated with an SRNS procurement.
- M. The SRNS Buyer is to be notified in writing, within five working days of any changes within your company as identified below:
 - Key quality personnel to include as a minimum:
 - Quality Assurance/Quality Control Manager
 - Assistant Quality Assurance/Quality Control Manager
 - Other critical Quality Assurance/Quality Control personnel
 - Quality Assurance Program Revisions
 - Company ownership transfers/buy-outs, and
 - All identified Nonconformance or Corrective Action Reports associated with SRNS contracts including those issued concerning Subtier Suppliers.

A.4 CHANGES

- A. SRNS may at any time, by a written change notice from the SRNS Purchasing Department, and without notice to the sureties, if any, make changes within the general scope of this Order. If any such change causes an increase or decrease in the cost of, or the time required for, performance of any part of the Work under this Order, whether changed or not changed by the order, SRNS shall make an equitable adjustment in the Order price, (1) the time of performance or delivery schedule or both; and (2) other affected terms of this Order, and shall modify this Order accordingly. Any proposal by Subcontractor for adjustment under

this article, together with such supporting information as SRNS may require, must be submitted in writing within thirty days from the date of receipt by the Subcontractor of the notification of change; provided however, that SRNS, if it decides that the facts justify such action, may receive and act upon any such proposal for adjustment at any time prior to final payment under this Order. Where the cost of property made obsolete or excess as a result of a change is included in Subcontractor's proposal for adjustment, SRNS shall have the right to prescribe the manner of disposition of such property. Failure to agree to any adjustment shall be a dispute within the meaning of the article of this Order entitled "Disputes". However, nothing herein shall excuse Subcontractor from proceeding with this Order as changed.

- B. Any changes, extras, or additional work made or performed by Subcontractor without the prior written approval of the SRNS Procurement and Materials Management Department shall be at the sole risk and expense of Subcontractor, there being no financial recourse against SRNS or the Government whatsoever.
- C. Subcontractor shall not substitute other equipment or materials for those specified in this Order, or vary the quantity of the Work, or otherwise make any changes in the Work, without prior written consent of SRNS.
- D. Notwithstanding the terms and conditions of paragraphs A and B the estimated cost of this Order and, if this Order is incrementally funded, the funds allotted for the performance of this Order, shall not be increased or considered to be increased except by specific written modification of this Order indicating the new Order estimated cost and, if this Order is incrementally funded, the new amount allotted to this Order. Until this modification is made, Subcontractor shall not be obligated to continue performance or incur costs beyond the point established in the Limitation of Cost article of this Order.

A.5 APPROVALS

The approval by SRNS of designs, work drawings, specifications, reports, or any other data submitted by Subcontractor hereunder shall not affect or relieve Subcontractor from any responsibility to furnish said items in full conformance with the requirements of this Order.

A.6 ALLOWABLE COST AND PAYMENT

A. Invoicing

SRNS shall make payments to Subcontractor when requested as Work progresses, but (except for

small business concerns) not more often than once every 2 weeks, in amounts determined to be allowable by SRNS in accordance with FAR 31.2 and, as supplemented, DEAR 931.2, in effect on the date of this Order, and the terms of this Order. Subcontractor may submit to SRNS, in such form and reasonable detail as SRNS may require, an invoice supported by a statement of the claimed allowable cost for performing this Order. A reasonable detail of costs includes, but is not limited to:

- (1) Labor categories used
- (2) Hours expended for each category
- (3) Direct labor rate(s) for each category
- (4) Direct labor costs for each category
- (5) Overhead rate(s) and total
- (6) G&A (if applicable)
- (7) Travel costs (number of trips, number of days in a travel status, location of travel)
- (8) Material costs and other direct costs (with identification of large purchases).

B. Terms of Payment

The date of payment shall, subject to any contrary terms on the face hereof, be computed from SRNS's receipt of an acceptable invoice. Drafts will not be honored.

C. Reimbursing Costs

- (1) For the purpose of reimbursing allowable costs (except as provided in subparagraph (2) below, with respect to pension, deferred profit sharing, and employee stock ownership plan contributions), the term "costs" includes only-
 - (i) Those recorded costs that, at the time of the request for reimbursement, Subcontractor has paid by cash, check, or other form of actual payment for items or services purchased directly for this Order;
 - (ii) When Subcontractor is not delinquent in paying costs of Order performance in the ordinary course of business, costs incurred, but not necessarily paid, for-
 - (a) Materials issued from Subcontractor's inventory and placed in the production process for use on this Order;
 - (b) Direct labor;
 - (c) Direct travel;
 - (d) Other direct in-house costs; and
 - (e) Properly allocable and allowable indirect costs, as shown in the records maintained by Subcontractor for purposes of obtaining reimbursement under Government contracts; and
 - (iii) The amount of progress payments that have been paid to Subcontractor's

subcontractors under similar cost standards.

- (2) Subcontractor's contributions to any pension, profit-sharing, or employee stock ownership plan funds that are paid quarterly or more often may be included in indirect costs for payment purposes; provided that Subcontractor pays the contribution to the fund within 30 days after the close of the period covered. Payments made 30 days or more after the close of a period shall not be included until Subcontractor actually makes the payment. Accrued costs for such contributions that are paid less often than quarterly shall be excluded from indirect costs for payment purposes until Subcontractor actually makes the payment.
- (3) Notwithstanding the audit and adjustment of invoices or vouchers under paragraph H of this article, allowable indirect costs under this Order shall be obtained by applying indirect cost rates established in accordance with paragraph E.
- (4) Any statements in specifications or other documents incorporated in this Order by reference designating performance of services or furnishing of materials at Subcontractor's expense or at no cost to SRNS shall be disregarded for purposes of cost reimbursement under this article.

D. Small Business Concerns

A small business concern may be paid more often than every two weeks and may invoice and be paid for recorded costs for items or services purchased directly for this Order, even though the concern has not yet paid for those items or services.

E. Final Indirect Cost Rates

- (1) Final annual indirect cost rates and the appropriate bases shall be established in accordance with FAR 42.7 and DEAR 942.7, in effect for the period covered by the indirect cost rate proposal.
- (2) Subcontractor shall, within 90 days after the expiration of each of its fiscal years, or by a later date approved by SRNS, submit to the cognizant Contracting Officer responsible for negotiating its final indirect costs rates and, if required by DOE procedures, to the cognizant audit activity, proposed final indirect cost rates for that period and supporting cost data specifying the subcontract and/or lower tier subcontract to which the rates apply. The proposed rates shall be based on Subcontractor's actual cost experience for that period. The appropriate Government representative and Subcontractor shall

establish the final indirect cost rates as promptly as practical after receipt of Subcontractor's proposal.

- (3) Subcontractor and the appropriate Government representative shall execute a written understanding setting forth the final indirect cost rates. The understanding shall specify
 - (i) The agreed-upon final annual indirect cost rates,
 - (ii) The bases to which the rates apply;
 - (iii) The periods for which the rates apply;
 - (iv) Any specific indirect cost items treated as direct costs in the settlement; and
 - (v) The affected subcontract and/or lower tier subcontract, identifying any with advance agreements or special terms and the applicable rates. The understanding shall not change any monetary ceiling, contract obligation, or specific cost allowance or disallowance provided for in this Order. The understanding is incorporated into this Order upon execution.
- (4) Failure by the parties to agree on a final annual indirect cost rate shall be a dispute within the meaning of the "Disputes" Article.

F. Billing Rates

Until final annual indirect cost rates are established for any period, SRNS shall reimburse Subcontractor at billing rates approved by the Government or by an authorized representative (the cognizant auditor), subject to adjustment when the final rates are established. These billing rates-

- (1) Shall be the anticipated final rates; and
- (2) May be prospectively or retroactively revised by mutual agreement, at either party's request, to prevent substantial overpayment or underpayment.

G. Quick-Closeout Procedures

When Subcontractor and SRNS agree, the quick-closeout procedures of FAR 42.7 may be used.

H. Audit

At any time or times before final payment, SRNS may have Subcontractor's invoices or vouchers and statements of cost audited. Any payment may be

- (1) Reduced by amounts found by SRNS not to constitute allowable costs or
- (2) Adjusted for prior overpayments or underpayments.

I. Final Payment

- (1) Subcontractor shall submit a completion invoice, designated as such, promptly upon completion of the Work, but no later than 1 year (or longer, as SRNS may approve in writing) from the completion date. Upon approval of that invoice, and upon Subcontractor's compliance with all terms of

this Order, SRNS shall promptly pay any balance of allowable costs and that part of the fee (if any) not previously paid.

- (2) Subcontractor shall pay to SRNS any refunds, rebates, credits, or other amounts (including interest, if any) accruing to or received by Subcontractor or any assignee under this Order, to the extent that those amounts are properly allocable to costs for which Subcontractor has been reimbursed by SRNS. Reasonable expenses incurred by Subcontractor for securing refunds, rebates, credits, or other amounts shall be allowable costs if approved by SRNS. Before final payment under this Order, Subcontractor, and each assignee whose assignment is in effect at the time of final payment shall execute and deliver-
 - (i) An assignment to SRNS, in form and substance satisfactory to SRNS, of refunds, rebates, credits, or other amounts (including interest, if any) properly allocable to costs for which Subcontractor has been reimbursed by SRNS under this Order; and
 - (ii) A release discharging SRNS, the Government, and their officers, agents, employees, and assigns from all liabilities, obligations, and claims arising out of or under this Order, except-
 - (a) Specified claims stated in exact amounts, or in estimated amounts when the exact amounts are not known;
 - (b) Claims (including reasonable incidental expenses) based upon liabilities of Subcontractor to third parties arising out of the performance of this Order; provided, that the claims are not known to Subcontractor on the date of the execution of the release, and that Subcontractor gives notice of the claims in writing to SRNS within 6 years following the release date or notice of final payment date, whichever is earlier; and
 - (c) Claims for reimbursement of costs, including reasonable incidental expenses, incurred by Subcontractor under the patent clauses of this Order, excluding, however, any expenses arising from Subcontractor's indemnification of SRNS or the

Government against patent liability.

- J. Overpayments. If Supplier becomes aware of a duplicate invoice payment or that SRNS has otherwise overpaid on an invoice payment, the Supplier shall immediately notify SRNS and request instructions for disposition of the overpayment.

A.7 PAYMENT BY ELECTRONIC FUNDS TRANSFER

A. Methods of Payment.

- (1) All payments by SRNS under this Order shall be made by Electronic Funds Transfer (EFT) except as provided in paragraph A.2 of this Article. As used in this Article, the term "EFT" refers to the funds transfer and may also include the payment information transfer.
- (2) In the event SRNS is unable to release one or more payments by EFT, Subcontractor agrees to either:
 - (i) Accept payment by check or some other mutually agreeable method of payment; or
 - (ii) Request SRNS to extend payment due dates until such time as SRNS makes payment by EFT.

B. Mandatory Submission of Subcontractor's EFT Information.

Subcontractor is required to provide SRNS with the information required to make payment by EFT. Subcontractor shall provide this information directly to the office designated in this Order, on forms provided by SRNS, no later than 15 days after award. If not otherwise specified in this Order, the payment office is the designated office for receipt of Subcontractor's EFT information. In the event that the EFT information changes, Subcontractor shall be responsible for providing the updated information to the designated office.

C. Mechanisms for EFT Payment.

SRNS may make payment by EFT through either the Automated Clearing House (ACH) network, subject to the rules of the National Automated Clearing House Association, or the Fedwire Transfer System.

D. Suspension of Payment.

- (1) SRNS is not required to make any payment under this Order until after receipt, by the designated office, of the correct EFT payment information from Subcontractor. Until receipt of the correct EFT information, any invoice or subcontract financing request shall be deemed not to be a proper invoice for the purpose of payment under this Order.
- (2) If the EFT information changes after submission of correct EFT information, SRNS shall begin using the changed EFT information

no later than 30 days after its receipt by the designated office. However, Subcontractor may request that no further payments be made until the updated EFT information is implemented by the payment office.

E. Payment Information.

On the day payment on Subcontractor's invoice is due, SRNS will issue instructions to its bank to transfer payment to Subcontractor, and will also send a FAX to Subcontractor explaining the details to support the payment.

F. Liability for Uncompleted or Erroneous Transfers.

- (1) If an uncompleted or erroneous transfer occurs because SRNS used the Subcontractor's EFT information incorrectly, SRNS remains responsible for -
 - (i) Making a correct payment; and
 - (ii) Recovering any erroneously directed funds.
- (2) If an uncompleted or erroneous transfer occurs because Subcontractor's EFT information was incorrect, or was revised within 30 days of SRNS release of the EFT payment transaction instructions to the bank, and --
 - (i) If the funds are no longer under the control of the payment office, SRNS is deemed to have made payment and the Subcontractor is responsible for recovery of any erroneously directed funds; or
 - (ii) If the funds remain under the control of the payment office, SRNS shall not make payment and the provisions of paragraph D shall apply.

A.8 PASSAGE OF TITLE AND LIENS

A. Title to the Supplies shall pass to the Government at the place of delivery to SRNS. If purchased F.O.B. shipping point, delivery to the carrier shall be deemed to be delivery to SRNS.

B. Subcontractor agrees to furnish the Work free and clear of all liens, claims, and encumbrances. In the event that a lien of any nature shall at any time be filed against the Work or Subcontractor's or a Subcontractor's facility by any person, firm, or corporation which has supplied equipment, material, services or data, Subcontractor agrees promptly, on demand of SRNS and at Subcontractor's expense, to take any and all action necessary to cause any such lien to be released or discharged therefrom. Subcontractor agrees to save SRNS harmless from all liens, claims, or demands in connection with the Work.

C. Except as otherwise provided in this Order,

- (1) Subcontractor shall be responsible for the loss or destruction of, or damage to, the Supplies until delivered at the designated delivery point,

- regardless of the point of inspection;
- (2) After delivery to SRNS at the designated point and prior to acceptance or rejection by SRNS, Subcontractor shall be responsible for the loss or destruction of or damage to the Supplies unless such loss, destruction, or damage results from negligence of the officers, agents, or employees of SRNS or the Government acting within the scope of their employment; and
 - (3) Subcontractor shall bear all risks as to rejected Supplies after rejection.

A.9 ASSIGNMENT

SRNS may assign this Order to the DOE or to such party as DOE may designate to perform SRNS's obligations hereunder. Upon receipt by Subcontractor of written notice that the DOE or a party so designated by the DOE has accepted an assignment of this Order, SRNS shall be relieved of all responsibility hereunder and Subcontractor shall thereafter look solely to such assignee for performance of SRNS's obligations. Subcontractor shall not assign or transfer this Order or any interest herein, or claims hereunder, without the prior written consent of SRNS or SRNS's assignee.

A.10 FIXED FEE

SRNS shall pay Subcontractor for performing this Order the fixed fee specified; provided, that after payment of 85% of the fixed fee, SRNS may withhold further payment of fee until a reserve is set aside in an amount that SRNS considers necessary to protect the Government's interests. This reserve shall not exceed 15% of the total fixed fee, or \$100,000, whichever is less.

A.11 LIMITATION OF FUNDS

NOTE: This article is applicable only if this Order is partially funded. If this Order is fully funded, see Article A.47.

- A. The parties estimate that performance of this Order will not cost SRNS more than the estimated cost specified. The Subcontractor agrees to use its best efforts to perform the Work and all obligations under this Order within the estimated cost.
- B. The Funding Schedule specifies the amount presently available for payment by SRNS and allotted by this Order, the items covered, and the period of performance it is estimated the allotted amount will cover. The parties contemplate that SRNS will allot additional funds incrementally to the Order up to the full estimated cost to SRNS specified in the Funding Schedule, exclusive of any fee. The Subcontractor agrees to perform, or have performed, Work on the Order up to the point at which the total amount paid and payable by SRNS under the contract approximates but does not

exceed the total amount actually allotted by SRNS to the Order.

- C. The Subcontractor shall notify SRNS in writing whenever it has reason to believe that the costs it expects to incur under this Order in the next 60 days, when added to all costs previously incurred, will exceed 75 percent of the total amount so far allotted to the Contract by SRNS. The notice shall state the estimated amount of additional funds required to continue performance for the period specified in the Funding Schedule.
- D. Sixty days before the end of the period specified in the Funding Schedule, the Subcontractor shall notify SRNS in writing of the estimated amount of additional funds, if any, required to continue timely performance under the Order or for any further period specified in the Funding Schedule or otherwise agreed upon, and when the funds will be required.
- E. If, after notification, additional funds are not allotted by the end of the period specified in the Funding Schedule or another agreed-upon date, upon the Subcontractor's written request SRNS will terminate this Order on that date in accordance with the provisions of the Termination clause of this Order. If the Subcontractor estimates that the funds available will allow it to continue to discharge its obligations beyond that date, it may specify a later date in its request, and SRNS may terminate this Order on that later date.
- F. Except as required by other provisions of this Order, specifically citing and stated to be an exception to this article --
 - (1) SRNS is not obligated to reimburse the Subcontractor for costs incurred in excess of the total amount allotted by SRNS to this Order; and
 - (2) Subcontractor is not obligated to continue performance under this Order (including actions under the Termination clause of this Contract) or otherwise incur costs in excess of the amount then allotted to the Order by SRNS until SRNS notifies the Subcontractor in writing that the amount allotted by the Subcontractor has been increased and specifies an increased amount, which shall then constitute the total amount allotted by SRNS to this Order.
- G. The estimated cost shall be increased to the extent that the amount allotted by SRNS, exceeds the estimated cost specified in the Funding Schedule.
- H. No notice, communication, or representation in any form other than that specified in subparagraph F(2) above, or from any person other than cognizant SRNS Purchasing Agent, shall affect the amount allotted by SRNS to this Order. In the absence of

the specified notice, SRNS is not obligated to reimburse the Subcontractor for any costs in excess of the total amount allotted by SRNS to this Order, whether incurred during the course of the Order or as a result of termination.

- I. When and to the extent that the amount allotted SRNS to the Order is increased, any costs the Subcontractor incurs before the increase that are in excess of the amount previously allotted by SRNS shall be allowable to the same extent as if incurred afterward, unless SRNS issues a termination or other notice and directs that the increase is solely to cover termination or other specified expenses.
- J. Change Notice shall not be considered an authorization to exceed the amount allotted by SRNS specified in the Funding Schedule, unless they contain a statement increasing the amount allotted.
- K. Nothing in this article shall affect the right of SRNS to terminate this Order. If this Order is terminated, SRNS and the Subcontractor shall negotiate an equitable distribution of all property produced or purchased under the Order, based upon the share of costs incurred by each.
- L. If SRNS does not allot sufficient funds to allow completion of the work, the Subcontractor is entitled to a percentage of the fee specified in the Funding Schedule equaling the percentage of completion of the Work contemplated by this Order.

A.12 INSURANCE-LIABILITY TO THIRD PARTIES

- A. (1) Except as provided in subparagraph (2) immediately following, the Subcontractor shall procure and maintain the following insurance, in at least the following amounts unless different amounts or coverage's are specified in the Order:
 - (i) Workers' Compensation and Employer's Liability.
Limits of Liability: Worker's Compensation: Statutory limits in the jurisdiction wherein the Work is to be performed.
Employer's Liability: A minimum of \$1,000,000.
 - (ii) Comprehensive general liability including Bodily Injury and Property Damage.
Limits of Liability: A minimum of \$1,000,000 Combined Single Limit.
 - (iii) Automobile Liability including Bodily Injury and Property Damage including All Owned, Non-Owned and Hired.
Limits of Liability: \$1,000,000 Combined Single Limit

Note: All personnel operating motor vehicles at SRS must have a valid driver's license, vehicle registration and proof of insurance (regardless of state of origin). Anyone not having these documents is subject to being denied access to SRS and, if in violation of a law, being cited for the violation.

- (2) Upon request prior to performance or at anytime thereafter, certificates of insurance evidencing that the requirements of this Article have been met shall be furnished to SRNS before work is commenced with respect to performance under this Order. Provisions shall be made for thirty days advance notice by mail to SRNS of change in or cancellation of such insurance. Certificates shall be issued by insurance carriers satisfactory to SRNS.
- (3) In the event the Subcontractor fails to furnish such Certifications of Insurance, as required in Paragraph 2 hereinabove, prior to commencement of work or to continue to maintain such insurance during the performance of the Order, SRNS shall have the right to stop work and/or to withhold any payments or partial payments required to be made under this Order; and shall have the right to continue withholding any or all of said payments so long as the Subcontractor has not complied with the requirements of this Article.
- (4) On subcontracts involving blasting or other hazardous operations, the Subcontractor's insurance shall specifically state that all blasting or such other hazardous operations are fully covered.
- (5) The Subcontractor may, with the approval of SRNS, maintain a self-insurance program, provided that, with respect to Worker's compensation, the Subcontractor is qualified pursuant to statutory authority.
- (6) All insurance required by this paragraph shall be in a form and for those periods as SRNS may require or approve and be with insurers approved by SRNS.
- B. The Subcontractor agrees to submit for SRNS's approval, to the extent and in the manner required by SRNS, any other insurance that is maintained by the Subcontractor in connection with the performance of this Order and for which the Subcontractor seeks reimbursement.
- C. The Subcontractor shall, to the extent SRNS is reimbursed by the Government, be reimbursed-
 - (1) For that portion
 - (i) Of the reasonable cost of insurance allocable to this Order and
 - (ii) Required or approved under this article;

- and
- (2) For certain liabilities (and expenses incidental to such liabilities) to third persons not compensated by insurance or otherwise without regard to and as an exception to the "Limitation of Cost" or the "Limitation of Funds" articles of this Order. These liabilities must arise out of the performance of this Order, whether or not caused by the negligence of the Subcontractor or of the Subcontractor's agents, servants, or employees, and must be represented by final judgments or settlements approved in writing by SRNS. These liabilities are for-
 - (i) Loss of or damage to property (other than property owned, occupied, or used by the Subcontractor, rented to the Subcontractor or in the care, custody, or control of the Subcontractor); or
 - (ii) Death or bodily injury.
- D. The liability under paragraph C of this article is subject to the availability of funds at the time a contingency occurs. Nothing in this Order shall be construed as implying that the Congress will, at a later date, appropriate funds to DOE and DOE will allocate funds to SRNS sufficient to meet these deficiencies.
- E. The Subcontractor shall not be reimbursed for liabilities (and expenses incidental to such liabilities)-
- (1) For which the Subcontractor is otherwise responsible under the express terms of any article specified elsewhere in this Order;
 - (2) For which the Subcontractor has failed to insure or to maintain insurance as required by SRNS; or
 - (3) That result from willful misconduct or lack of good faith on the part of any of the Subcontractor's directors, officers, managers, superintendents, or other representatives who have supervision or direction of-
 - (i) All or substantially all of the Subcontractor's business;
 - (ii) All or substantially all of the Subcontractor's operations at any one plant or separate location in which this Order is being performed; or
 - (iii) A separate and complete major industrial operation in connection with the performance of this Order.
- F. The provisions of paragraph E of this article shall not restrict the right of the Subcontractor to be reimbursed for the cost of insurance maintained by the Subcontractor in connection with the performance of this Order, other than insurance required in accordance with this article; provided,

that such cost is allowable under the Allowable Cost and Payment article of this Order.

- G. If any suit or action is filed or any claim is made against the Subcontractor, the cost and expense of which may be reimbursable to the Subcontractor under this Order, and the risk of which is then uninsured or is insured for less than the amount claimed, the Subcontractor shall--
- (1) Immediately notify SRNS and promptly furnish copies of all pertinent papers received;
 - (2) Authorize Government and SRNS representatives to collaborate with counsel for the insurance carrier in settling or defending the claim when the amount of the liability claimed exceeds the amount of coverage; and
 - (3) Authorize Government and SRNS representatives to settle or defend the claim and to represent the Subcontractor in or to take charge of any litigation, if required by SRNS or the Government, when the liability is not insured or covered by bond. The Subcontractor may, at its own expense, be associated with the Government or SRNS representatives in any such claim or litigation.

A.13 PUBLIC RELEASE OF INFORMATION

Information, data, photographs, sketches, advertising, announcements, denial, or confirmation of same, or items of a similar nature, relating to this Order, which Subcontractor desires to release or publish, shall be submitted to SRNS for approval eight weeks prior to the desired release date. As part of the approval request, Subcontractor shall identify the specific media to be used as well as other pertinent details of the proposed release. All releases by Subcontractors must have the prior approval of SRNS. Subcontractor shall include all provisions of this article including this sentence in all subcontracts or purchase orders under this Order. SRNS's approval shall not be unreasonably withheld.

A.14 TECHNICAL DIRECTION

- A. Performance of the Work under this Order shall be subject to the technical direction of the SRNS project manager or technical representative. The term "technical direction" is defined to include, without limitation:
- (1) Directions to the Subcontractor which redirect the Subcontractor's efforts, shift work emphasis between work areas or tasks, require pursuit of certain lines of inquiry, fill in details or otherwise serve to accomplish the Work.
 - (2) Provision of written information to the Subcontractor which assists in the interpretation of drawings, specifications or technical portions of the work description.

- (3) Review, and where required by the Order, approval of technical reports, drawings, specifications and technical information to be delivered by the Subcontractor to SRNS under the Order.
- B. Technical direction must be within the scope of work stated in the Order. The Project Manager or Technical Representative does not have the authority to, and may not, issue any technical direction which:
- (1) Constitutes an assignment of additional work outside the scope of Work;
 - (2) Constitutes a change as defined in Article A.4;
 - (3) In any manner causes an increase or decrease in the total estimated Order cost, the fixed fee (if any), or the time required for Order performance;
 - (4) Changes any of the expressed terms, conditions or specifications of the Order; or
 - (5) Interferes with the Subcontractor's right to perform the terms and conditions of the Order.
- C. All technical directions shall be issued in writing by the project manager or technical representative.
- D. The Subcontractor shall proceed promptly with the performance of technical directions duly issued by the project manager or technical representative in the manner prescribed by this article and within the Subcontractor's authority under the provisions of this article. If, in the opinion of the Subcontractor, any instruction or direction by the project manager or technical representative falls within one of the categories defined in B.(1) through (5) of this article, the Subcontractor shall not proceed. Rather the Subcontractor shall notify the SRNS Purchasing representative in writing within five (5) working days after receipt of any such instruction or direction and shall request the SRNS Purchasing representative to modify the Order accordingly. Upon receiving the notification from the Subcontractor, the SRNS Purchasing representative shall:
- (1) Advise the Subcontractor in writing within thirty (30) days after receipt of the Subcontractor's letter that the technical direction is within the scope of the Contract effort and does not constitute a change under the "Changes" article;
 - (2) Inform the Subcontractor in writing within thirty (30) days after receipt of the Subcontractor's letter not to perform under the direction and to cancel the direction; or
 - (3) Advise the Subcontractor within a reasonable time that SRNS will issue a written change notice.
- E. A failure of the Subcontractor and the SRNS Purchasing representative to agree that the

technical direction is within the scope of the Work, or a failure to agree upon the contract action to be taken with respect thereto shall be subject to the provisions of the "Disputes" article.

A.15 TERMINATION

- A. SRNS may terminate performance of the Work in whole or, from time to time, in part, if-
- (1) SRNS determines that a termination is in SRNS's interest; or
 - (2) Subcontractor defaults in performing this Order and fails to cure the default within 10 days (unless extended by SRNS) after receiving a notice specifying the default. "Default" includes failure to make progress in the Work so as to endanger performance.
- B. SRNS shall terminate by delivering to Subcontractor a Notice of Termination specifying whether termination is for default of Subcontractor or for convenience of SRNS, the extent of termination, and the effective date. If, after termination for default, it is determined that Subcontractor was not in default or that Subcontractor's failure to perform or to make progress in performance is due to causes beyond the control and without the fault or negligence of Subcontractor as set forth in the "Excusable Delays" article, the rights and obligations of the parties will be the same as if the termination was for the convenience of SRNS.
- C. After receipt of a Notice of Termination, and except as directed by SRNS, Subcontractor shall immediately proceed with the following obligations, regardless of any delay in determining or adjusting any amounts due under this article:
- (1) Stop Work as specified in the notice.
 - (2) Place no further subcontracts or purchase orders (referred to as subcontracts in this article), except as necessary to complete the continued portion of this Order.
 - (3) Terminate all Subcontracts to the extent they relate to the Work terminated.
 - (4) Assign to SRNS as directed by SRNS, all right, title, and interest of Subcontractor under the Subcontracts terminated, in which case SRNS shall have the right to settle or to pay any termination settlement proposal arising out of those terminations.
 - (5) With approval or ratification to the extent required by SRNS, settle all outstanding liabilities and termination settlement proposals arising from the termination of subcontracts, the cost of which would be reimbursable in whole or in part, under this Order; approval or ratification will be final for purposes of this article.

- (6) Transfer title (if not already transferred) to the Government and, as directed by SRNS, deliver to SRNS
 - (i) The fabricated or unfabricated parts, Work in process, completed Work, supplies, and other material produced or acquired for the Work terminated;
 - (ii) The completed or partially completed plans, drawings, information, and other property that, if this Order had been completed, would be required to be furnished to SRNS; and
 - (iii) The jigs, dies, fixtures, and other special tools and tooling acquired or manufactured for this Order, the cost of which Subcontractor has been or will be reimbursed under this Order.
- (7) Complete performance of the Work not terminated.
- (8) Take any action that may be necessary or that SRNS may direct, for the protection and preservation of the property related to this Order that is in the possession of Subcontractor and in which SRNS has or may acquire an interest.
- (9) Use its best efforts to sell, as directed or authorized by SRNS, any property of the types referred to in subparagraph (6) above; provided, however, that Subcontractor
 - (i) Is not required to extend credit to any purchaser, and
 - (ii) May acquire the property under the conditions prescribed by, and at prices approved by, SRNS. The proceeds of any transfer or disposition will be applied to reduce any payments to be made by SRNS under this Order, credited to the price or cost of the Work, or paid in any other manner directed by SRNS.
- D. After expiration of the plant clearance period as defined in FAR 45.6, Subcontractor may submit to SRNS, a list, certified as to quantity and quality, of termination inventory not previously disposed of, excluding items authorized for disposition by SRNS. Subcontractor may request SRNS to remove those items or enter into an agreement for their storage. Within 15 days, SRNS will accept the items and remove them or enter into a storage agreement. SRNS may verify the list upon removal of the items, or if stored, within 45 days from submission of the list, and shall correct the list, as necessary, before final settlement.
- E. After termination, Subcontractor shall submit a final termination settlement proposal to SRNS in the form and with the certification prescribed by SRNS. Subcontractor shall submit the proposal promptly, but no later than 1 year from the effective date of termination, unless extended in writing by SRNS upon written request of Subcontractor within this 1-year period. However, if SRNS determines the facts justify it, a termination settlement proposal may be received and acted on after 1 year or any extension. If Subcontractor fails to submit the proposal within the time allowed, SRNS may determine, on the basis of information available, the amount, if any, due Subcontractor because of the termination and shall pay the amount determined.
- F. Subject to paragraph E above, Subcontractor and SRNS may agree on the whole or any part of the amount to be paid (including an allowance for fee) because of the termination. This Order shall be amended, and Subcontractor paid the agreed amount.
- G. If Subcontractor and SRNS fail to agree in whole or in part on the amount of costs and/or fee to be paid because of the termination of Work, SRNS shall determine on the basis of information available, the amount, if any, due Subcontractor, and shall pay that amount, which shall include the following:
 - (1) All costs reimbursable under this Order, not previously paid for the performance of this Order before the effective date of the termination, and those costs that may continue for a reasonable time with the approval of or as directed by SRNS; however, Subcontractor shall discontinue those costs as rapidly as practicable.
 - (2) The cost of settling and paying termination settlement proposals under terminated subcontracts that are properly chargeable to the terminated portion of this Order if not included in subparagraph (1) above.
 - (3) The reasonable costs of settlement of the Work terminated, including--
 - (i) Accounting, legal, clerical, and other expenses reasonably necessary for the preparation of termination settlement proposals and supporting data;
 - (ii) The termination and settlement of subcontracts (excluding the amounts of such settlements); and
 - (iii) Storage, transportation, and other costs incurred which are reasonably necessary for the preservation, protection, or disposition of the termination inventory. If the termination is for default, no amounts for the preparation of Subcontractor's termination settlement proposal may be included.
 - (4) A portion of the fee payable under this Order,

determined as follows:

- (i) If this Order is terminated for the convenience of SRNS, the settlement shall include a percentage of the fee equal to the percentage of completion of Work contemplated under this Order, but excluding subcontract effort included in Subcontractor's termination proposals, less previous payments for fee;
 - (ii) If this Order is terminated for default, the total fee payable shall be such proportionate part of the fee as the total number of articles (or amount of services) delivered to and accepted by SRNS is to the total number of articles (or amount of services) of a like kind required by this Order.
- (5) If the settlement includes only fee, it will be determined under subparagraph G(4) above.
- H. The cost principles and procedures in FAR 31 and DEAR 931.2, in effect on the date of this Order, shall govern all costs claimed, agreed to, or determined under this article.
- I. Subcontractor shall have the right of appeal, under the "Disputes" article, from any determination made by SRNS under paragraphs E, G, or K except that if Subcontractor failed to submit the termination settlement proposal within the time provided in paragraph E and failed to request a time extension, there is no right of appeal. If SRNS has made a determination of the amount due under paragraph E, G or K, SRNS shall pay Subcontractor
- (1) The amount determined by SRNS if there is no right of appeal or if no timely appeal has been taken, or
 - (2) The amount finally determined on an appeal.
- J. In arriving at the amount due Subcontractor under this article, there shall be deducted-
- (1) All unliquidated advances or other payments to Subcontractor, under the terminated portion of this Order;
 - (2) Any claim which SRNS has against Subcontractor under this Order; and
 - (3) The agreed price for, or the proceeds of sale of materials, supplies, or other things acquired by Subcontractor or sold under this article and not recovered by or credited to SRNS.
- K. Subcontractor and SRNS must agree to any equitable adjustment in fee for the continued portion of this Order when there is a partial termination. SRNS shall amend this Order to reflect the agreement.
- L. (1) SRNS may, under the terms and conditions it prescribes, make partial payments and payments against costs incurred by Subcontractor for the terminated portion of this Order, if SRNS believes the total of these payments will not exceed the amount to which Subcontractor will be entitled.
- (2) If the total payments exceed the amount finally determined to be due, Subcontractor shall repay the excess to SRNS upon demand, together with interest computed at the rate established by the Secretary of the Treasury under 50 U.S.C. App. 1215(b)(2). Interest shall be computed for the period from the date the excess payment is received by Subcontractor to the date the excess is repaid. Interest shall not be charged on any excess payment due to a reduction in Subcontractor's termination settlement proposal because of retention or other disposition of termination inventory until 10 days after the date of the retention or disposition, or a later date determined by SRNS because of the circumstances.
- M. The provisions of this article relating to fee are inapplicable if this Order does not include a fee.

A.16 DISPUTES

- A. Subcontractor shall not be entitled to and neither SRNS nor the Government shall be liable to the Subcontractor or its lower-tier suppliers or subcontractors for damages in tort (including negligence), or contract, or otherwise, except as specifically provided in this order.
- B. The Parties shall attempt to settle any claim or controversy arising from this Order through consultation and negotiations in good faith and a spirit of mutual cooperation. If those attempts fail, then the dispute will be mediated by a mutually acceptable mediator chosen by the Parties within thirty (30) days after written notice by one party demanding mediation. Neither Party may unreasonably withhold consent to the selection of a mediator, and the Parties will share the costs of the mediation equally. Any dispute which cannot be resolved between the Parties through negotiation or mediation shall be resolved by litigation in a court of competent jurisdiction located in the State of South Carolina. Determination of any substantive issue of law shall be according to the Federal common law of Government contracts as enunciated and applied by Federal judicial bodies and boards of contract appeals of the Federal Government; if there is no applicable Federal Government contract law, the law of the State of South Carolina shall apply in the determination of such issues.
- C. During the pendency of a dispute, the Subcontractor shall proceed diligently with

performance of all terms of this Order. The Subcontractor's consent to so proceed shall not restrict or otherwise affect the Subcontractor's right to contest any claim.

A.17 OCCUPATIONAL SAFETY AND HEALTH ACT

Subcontractor warrants that any and all Work performed off the Savannah Rive Site and/or Supplies furnished shall comply with all requirements of the Occupational Safety and Health Act of 1970, as the same may be amended from time to time and including all regulations adopted pursuant to such Act, and shall comply with all requirements of any applicable health or safety statute or regulation of any state or local government agency having jurisdiction in the location to which Supplies are to be shipped or Work is to be performed pursuant to this Order.

A.18 COMPLIANCE

Subcontractor shall comply with all applicable federal, state, and local laws and ordinances and all pertinent lawful orders, rules, and regulations, including new provisions of 10 CFR 851 relating to Health and Safety. Compliance shall be a material requirement of this Order. Except as otherwise directed by SRNS, Subcontractor shall procure without additional expense to SRNS, all necessary permits or licenses.

A.19 RIGHTS TO PROPOSAL DATA

Except for the technical data contained on those pages of Subcontractor's proposal which are specifically identified in the Order with specific reference to this article and asserted by Subcontractor as being proprietary data, it is agreed that, as a condition of the award of this Order and notwithstanding the provisions of any notice appearing on the proposal or elsewhere, SRNS and the Government shall have the right to use, duplicate, disclose and have others do so for any purpose whatsoever, the technical data contained in the proposal upon which this Order is based.

A.20 SRNS POLICY ON OPPORTUNITY

All subcontractors, vendors and suppliers are notified that it is the policy of the SRNS to provide equal employment opportunity and to adhere to federal, state and local laws pertaining thereto. Appropriate action shall be taken on the part of all SRNS subcontractors, vendors and suppliers to insure adherence to such laws.

A.21 TOXIC SUBSTANCES CONTROL ACT OF 1976

Subcontractor warrants that each and every chemical substance delivered under this Order shall, at the time of sale, transfer or delivery, be on the list of chemical substances compiled and published by the

Administrator of the Environmental Protection Agency pursuant to Section 8(b) of the toxic Substances Control Act (Public Law 94-469).

A.22 HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA

- A. Subcontractor agrees to submit a Material Safety Data Sheet for all hazardous materials/chemicals to the SRNS Purchasing Representative/STR for approval before chemical is brought onto SRS. This obligation applies to all materials delivered under this Subcontract which will involve exposure to hazardous materials/chemicals or items containing these materials/chemicals.
- B. All chemical containers shall be clearly labeled per OSHA standards. Chemicals not in a original container shall also be properly labeled with the product name and hazard markings per the Material Safety Data Sheet on file. Immediate use containers such as painter's pail, etc., are exempt from labeling requirements.
- C. Neither the requirements of this article nor any act or failure to act by SRNS or the Government shall relieve Subcontractor of any responsibility of liability for the safety of SRNS, Government, Subcontractor, or subcontractor personnel or property.
- D. Subcontractor shall comply with applicable Federal, state, and local laws, codes, ordinances, and regulations (including the acquisition of licenses and permits) in connection with hazardous materials/chemicals.
- E. The Government's and SRNS's rights in data furnished under this Order with respect to hazardous materials/chemicals are as follows:
 - (1) To use, duplicate, and disclose any data to which this article is applicable. The purposes of this right are to
 - (i) Apprise personnel of the hazards to which they may be exposed in using, handling, packaging, transporting, or disposing of hazardous materials/chemicals;
 - (ii) Obtain medical treatment for those affected by the material/chemical; and
 - (iii) Have others use, duplicate, and disclose the data for SRNS and the Government for these purposes.
 - (2) To use, duplicate, and disclose data furnished under this article, in accordance with subparagraph E(1) above, in precedence over any other article of this Order providing for rights in data.
 - (3) That SRNS and the Government are not precluded from using similar or identical data acquired from other sources.

- (4) That the data shall not be duplicated, disclosed, or released outside of SRNS or the Government, in whole or in part for any acquisition or manufacturing purpose, if the following legend is marked on each piece of data to which this article applies:

"This is furnished under United States Government Contract No., DE-AC09-96SR18500 and shall not be used, duplicated, or disclosed for any acquisition or manufacturing purpose without the permission of SRNS. This legend shall be marked on any reproduction of this data."

- (5) That Subcontractor shall not place the legend or any other restrictive legend on any data which
 - (i) Subcontractor or any Subcontractor previously delivered to SRNS or the Government without limitations or
 - (ii) Should otherwise be delivered without limitations.

- F. Subcontractor shall insert this article, including this paragraph F, with appropriate changes in the destination of the parties, in subcontracts at any tier (including purchase designations or purchase orders) under this Order involving hazardous materials/chemicals.

A.23 MONTHLY ACCRUAL REPORT

- A. Subcontractor shall submit the following report to SRNS to arrive no later than the 20th day of each month.
 - (1) Amounts invoiced but not paid, including invoice numbers and dates.
 - (2) Amounts of actual costs and estimated costs incurred and fee earned through the last day of the month the report is due which have not been invoiced.

A.24 COMPLIANCE WITH EMPLOYEE CONCERNS

- A. Subcontractors shall ensure subcontractor employees are aware of the DOE-SRS and SRNS Employee Concerns Programs (ECP) and how to use the program by performing the following:
 - (1) Ensure employees are provided with information on the DOE-SRS and SRNS ECPs during initial orientation and annual training.
 - (2) Ensure that posters identifying the DOE-SRS and SRNS ECP telephone "hotline" numbers are displayed in conspicuous locations throughout the worksite. SRNS will provide posters, as necessary.
 - (3) Inform subcontractor employees of the availability of the DOE-SRS ECP in case of

dissatisfaction or lack of confidence with other reporting systems.

- (4) Ensure managers and supervisors are aware of the prohibition of any reprisal against employees who have or are believed to have raised or reported concerns.
- B. Subcontractors must immediately notify the STR or Procurement Representative of any employee concern involving:
 - (1) A condition which constitutes an imminent threat to the health and safety of site personnel or to the general public.
 - (2) Circumstances which would cause adverse public reaction or receive local media attention.
 - (3) Allegations of reprisal.
- C. Subcontractors shall investigate any employee concern referred by the STR and inform the STR of investigation results within 7 days of receipt of concern. Inform the STR in writing if an extension to this 7-day timeframe is required, along with status of investigation to date and actions pending to closure. The investigation shall be conducted to the satisfaction of the SRNS Purchasing Representative.

A.25 CONFIDENTIALITY OF INFORMATION

- A. To the extent that the work under this Order requires that the Subcontractor be given access to confidential or proprietary business, technical or financial information belonging to the Government, SRNS or other companies, the Subcontractor shall, after receipt thereof, treat such information as confidential and agrees not to appropriate such information to its own use or to disclose such information to third parties unless specifically authorized by SRNS or the Contracting Officer in writing. The foregoing obligations, however, shall not apply to:
 - (1) Information which, at the time of receipt by the Subcontractor, is in public domain;
 - (2) Information which is published after receipt thereof by the Subcontractor or otherwise becomes part of the public domain through no fault of the Subcontractor;
 - (3) Information which the Subcontractor can demonstrate was in its possession at the time of receipt thereof and was not acquired directly or indirectly from the government or other companies;
 - (4) Information which the Subcontractor can demonstrate was received by it from a third party who did not require the Subcontractor to hold it in confidence.
- B. The Subcontractor shall obtain the written

agreement, in a form satisfactory to SRNS, of each employee permitted access, whereby the employee agrees that he will not discuss, divulge or disclose any such information or data to any person or entity except those persons within the Subcontractor's organization directly concerned with the performance of the Order.

- C. The Subcontractor agrees, if requested by the SRNS or the Government, to sign an agreement identical, in all material respects, to the provisions of this article, with each company supplying information to the Subcontractor under this Order, and to supply a copy of such agreement to SRNS. From time to time upon request of SRNS, the Subcontractor shall supply SRNS with reports itemizing information received as confidential or proprietary and setting forth the company or companies from which the Subcontractor received such information.
- D. The Subcontractor agrees that upon request by DOE or SRNS, it will execute a DOE-approved agreement, with any party whose facilities or proprietary data it is given access to or is furnished, restricting the use and disclosure of the data or the information obtained from the facilities. Upon request by DOE or SRNS such an agreement shall also be signed by Subcontractor personnel.

A.26 KEY PERSONNEL

The personnel specified in this Order are considered to be essential to the work being performed hereunder. Prior to diverting any of the specified individuals to other programs, the Subcontractor shall notify SRNS reasonably in advance and shall submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on the program. No diversion shall be made by SRNS provided, that SRNS may ratify in writing such diversion and such ratification shall constitute the consent of SRNS required by this article. The Order may be amended from time to time, or an administrative letter may be issued, to either add or delete personnel, as appropriate.

A.27 FOREIGN TRAVEL

- A. Foreign travel, when charged directly, shall be subject to the prior approval of SRNS for each separate trip regardless of whether funds for such travel are contained in an approved budget. Foreign travel is defined as any travel outside of the United States and its territories and possessions.
- B. Request for approval shall be submitted at least 60 days prior to the planned departure date, on a Request for Approval of Foreign Travel form, and, when applicable, include a notification of proposed sensitive foreign nation travel.

- C. Subcontractor foreign travel shall be conducted pursuant to the requirements contained in DOE Order 551.1, Official Foreign Travel, or any official version of the order in effect at the time of award.

A.28 STATE AND LOCAL TAXES

- A. The Subcontractor agrees to notify SRNS of any State or local tax, fee, or charge levied or purported to be levied on or collected from the Subcontractor with respect to the order work, any transaction thereunder, or property in the custody or control of the Subcontractor and constituting an allowable item of cost if due and payable, but which the Subcontractor has reason to believe, or SRNS has advised the Subcontractor, is or may be inapplicable or invalid; and the Subcontractor further agrees to refrain from paying any such tax, fee, or charge unless authorized in writing by SRNS. Any State or local tax, fee, or charge paid with the approval of SRNS or on the basis of advice from SRNS that such tax, fee, or charge is applicable and valid, and which would otherwise be an allowable item of cost, shall not be disallowed as an item of cost by reason of any subsequent ruling or determination that such tax, fee, or charge was in fact inapplicable or invalid.
- B. The Subcontractor agrees to take such actions as may be required or approved by SRNS to cause any State or local tax, fee, or charge which would be an allowable cost to be paid under protest; and to take such action as may be required or approved by SRNS to seek recovery of any payments made, including assignment to the Government or its designee of all rights to an abatement or refund thereof, and granting permission for SRNS or the Government to join with the Subcontractor in any proceedings for the recovery thereof or to sue for recovery in the name of the Subcontractor. If SRNS directs the Subcontractor to institute litigation to enjoin the collection of or to recover payment of any such tax, fee, or charge referred to above, or if a claim or suit is filed against the Subcontractor for a tax, fee, or charge it has refrained from paying in accordance with this article, the costs and expenses incurred by the Subcontractor shall be allowable items of costs, as provided in this Order together with the amount of any judgment rendered against the Subcontractor.
- B. All recoveries or credits in respect of the foregoing taxes, fees and charges (including interest) shall inure to and be for the sole benefit of the Government.

A.29 WORKPLACE SUBSTANCE ABUSE PROGRAM

A. Fitness for Duty

- (1) (i) The Subcontractor shall advise his employees and the employees of his lower tier subcontractors and agents that it is the policy of SRNS to prohibit the use, possession, sale and distribution of alcohol, drugs or other controlled substance within the limits of the Savannah River Site (SRS), and/or any off-Site facilities, and to prohibit the presence of individuals who have such substances in the body for non-medical reasons. Any Subcontractor employee who is found in violation of the policy may be removed or barred from the site.
- (ii) The Subcontractor agrees to advise its employees and the employees of lower-tier subcontractors of the above policy prior to assignment to the Site and to maintain documentation that such advice has been given.
- (2) SRNS will collect urine specimens when Subcontractor employees are processed for badging. SRNS will send these specimens to a consultant for testing and verification. The testing process may take up to five (5) days to obtain results. In the event of "positive" findings, the Subcontractor will be notified and shall bring the individual to the Badge Office for an "Exit Conference". The Subcontractor then agrees to promptly remove such individual from the Savannah River Site and return the badge to the SRNS Subcontractor Badge Office.
- (3) The Supplier agrees to secure the written consent of employees to release results of urine tests to the designated SRNS representative. SRNS agrees to use such results solely in connection with its decision as to whether to permit a Supplier employee, lower-tier subcontractor employee or agent to access Savannah River Site property.
- (4) SRNS will also conduct for-cause and random drug and alcohol testing on all employees badged by SRNS. The Supplier agrees to comply with and secure the compliance of its employees and employees of lower-tier subcontractors with this testing. In the event of "positive" findings, the Supplier agrees to promptly remove such individual from the Savannah River Site and return his or her badge to the SRNS Subcontractor Badging Office.
- (5) A Breath Alcohol Test will be given during the

initial badging process and the results will be available immediately. In the event of "positive" findings, the Supplier's or Subcontractor's employee will not be badged, shall be issued a temporary pass, and will be escorted offsite by a Supplier's or Subcontractor's Representative.

B. Suitability for Employment

- (1) Subcontractor employees, including employees of lower-tier subcontractors, who are to be badged to permit Savannah River Site access must successfully complete a Suitability for Employment process. As part of this process, the Subcontractor agrees to advise its employees and employees of lower-tier subcontractors that they will be required to complete certain forms which authorize background investigations. These forms shall be submitted during the badging process.
- (2) Employees will be issued a photo badge and allowed site access on the first reporting day. In the event a Subcontractor's employee subsequently fails to successfully complete the background investigation, the Subcontractor agrees to promptly remove such individual from the site and to return the badge to the SRNS Subcontractor Badging Office.
- (3) Subcontractor agrees to advise its employees of the above requirement prior to assignment to the Savannah River Site and to maintain documentation that such advice has been given.

A.30 BADGING REQUIREMENTS

A. Photo Badge

- (1) Employees may be issued a site access photo badge for a period not to exceed one year. To obtain a Photo Badge, Subcontractor employees and any Lower-tier Subcontractor employees must be processed through SRNS's Subcontract Badging Procedure and are subject to investigation by Governmental authorities. All badges must be returned or accounted for prior to final payment. All employees must be at least 18 years old.
- (2) Subcontractor employees and any Lower-tier Subcontractor employees shall complete Subcontractor Employee Data Sheet and Fingerprint Cards. If a long term badge is required (period greater than six (6) months) the employee will also be required to complete form SF 85, "Questionnaire for Non-Sensitive Positions", and form OF 306, "Declaration for Federal Employment". These forms are required for the Governments use in conducting background investigations per

Homeland Security Presidential Directive HSPD-12. Copies of these forms are available on the SRNS Internet Home Page at http://www.srs.gov/general/busiops/PMMD/SRNS_general_provisions.htm

(3) Subcontractor will observe the following badging procedure for processing employees through employment and security orientation:

(i) A minimum of two working days prior to the start of the badging and orientation process, subcontractor shall transmit the following information to the STR (or the End User if an STR is not appointed for this order):

- Subcontract Number
- Employee name
- Employee address
- Employee Social Security Number
- Employee Date of Birth

(ii) Subcontractor employees shall report to SRS Building 703-46A at SRS Road 1, approximately two miles east of SC Highway 125 in Jackson, SC. Employee shall be given a temporary badge for travel to SRS Central Shops Area for Substance Abuse Program (SAP) Testing. (See Article titled "Workplace Substance Abuse Programs.")

(iii) Each employee must successfully pass General Employee Training (GET) prior to undergoing the Photo Badging procedure. See Article titled "General Employee Training and Annual Refresher Training for Subcontract Employees". GET is given on Monday of each week in the Jackson, SC municipal building, and should be scheduled well in advance of the desired date in order to assure placement.

(iv) The orientation and badging process will take approximately four (4) hours.

(4) The maximum duration that Subcontractor employees will be issued a site access badge is one (1) year. Subcontractor employees requiring a new badge will report to the Badge Office and repeat the badging process.

(5) If Work under this Subcontract is to be performed in security areas, all personnel will be required to sign in and out at security gates and are subject to a search of their person and belongings at entrances to or exit from the area.

B. **Temporary Badge** (typically for visitors and short term personnel).

(1) Temporary badges are valid for a maximum of 10 calendar days per person in a calendar year.

To avoid unnecessary expiration, these badges should be returned to the badge office immediately upon completion of need.

(2) Two working days prior to the need date, subcontractor shall transmit the following information to the STR/End User:

- Subcontract Number
- Employee name
- Employee address
- Employee Social Security Number
- Employee Date of Birth

(3) The Assigned Competent Person (ACP) (Subcontractor or SRNS employee) shall perform Task Analysis of scope to be performed and identify any applicable contractual task specific checklist(s) from the subcontractors accepted Worker Protection Plan or SRNS's Focused Observation Database if a WPP is not required by the terms of this order.

(4) ACP shall provide advance copy of any task specific safety checklist(s) to personnel seeking temporary badges.

(5) Badge Office provides initial security briefing, issues registration card and obtains acknowledgement signature, issues "maroon" Visitors Badge for duration requested by STR/End User.

(6) ACP reviews any applicable checklist(s) and performs focused observations as directed by the STR/End User.

(7) Upon completion of scope, return badge to Badge Office upon exiting SRS.

C. **Identity Verification.**

(1) In order to receive a photo or temporary badge for entry to SRS, supplier/subcontractor employees, except delivery personnel (see subparagraph (2) below), will be required to present two specific forms of identification from the "List of Acceptable Documents" (Department of Homeland Security Form I-9, copy available on the SRNS Internet Home Page at http://www.srs.gov/general/busiops/PMMD/SRNS_general_provisions.htm). At least one of the documents selected from the list must be a valid State or Federal government-issued picture ID.

(2) **Vendor Delivery Personnel.** Unbadged personnel seeking a temporary badge for material/equipment deliveries will be required to present one form of picture identification that will verify their identity, such as a valid state driver's license that includes a photograph. Delivery personnel shall enter the site at the Aiken Barricade located

approximately one (1) mile south of SC Highway 278, and will be escorted at all times to the delivery location and back to the entrance barricade by Wackenhut Services, Inc assigned escorts, or by Assigned Competent Persons (SRNS or Subcontractor).

- D. If the Subcontractor or any lower-tier subcontractor should independently suspend or remove an employee from work at the Savannah River Site (SRS) for unsafe acts or behavior, the Subcontractor shall immediately notify the STR/End User, return the employee's badge to the STR/End User, and provide the STR/End User with written notification of the employee's name and reason(s) for such suspension or removal.

A.31 TAX WITHHOLDING FOR NONRESIDENTS

- A. Withholdings required by section 12-8-550 do not apply to payments on orders for tangible personal property when those payments are not accompanied by services to be performed within the state of South Carolina.
- B. Under Title 12 of the Code of Laws of South Carolina, section 12-8-550, two (2) percent of each and every payment made to Suppliers and Subcontractors who are nonresidents of the State of South Carolina and are conducting a business or performing personal services of a temporary nature carried on within South Carolina must be withheld and forwarded to the South Carolina Tax Commission in cases where an order or a subcontract exceeds or could reasonably be expected to exceed ten thousand dollars (\$10,000.00) SRNS will withhold as required by law.
- C. Under Title 12 of the Code of Laws of South Carolina, section 12-8-540, seven (7) percent (five (5) percent for corporations) of each and every payment of rentals or royalties to subcontractors who are nonresidents of the State of South Carolina must be withheld and forwarded to the South Carolina Tax Commission in cases where the payments amount to twelve hundred dollars (\$1,200.00) or more a year. SRNS will withhold as required by law.
- D. The above withholdings will not be made provided the Supplier presents the affidavit of registration with the South Carolina Department of Revenue or the South Carolina Secretary of State's Office, or proof of having posted the appropriate bond with the South Carolina Tax Commission.

A.32 OZONE DEPLETING SUBSTANCE

Without limiting any of the other Articles herein, Subcontractor warrants that all of the supplies furnished

under this Order have been completely and accurately labeled pursuant to the requirements of 40 CFR Part 82, "Protection of Stratospheric Ozone", or that such supplies do not require such labeling.

A.33 REPORTING OF ROYALTIES

If any royalty payments are directly involved in this Order or are reflected in the Order price, Subcontractor agrees to report in writing to SRNS during the performance of this Order and prior to its completion or final settlement the amount of any royalties or other payments paid or to be paid by it directly to others in connection with the performance of this Order together with the names and addresses of licensors to whom such payments are made and either the patent numbers involved or such other information as will permit identification of the patents or other basis on which the royalties are to be paid. The approval of DOE or SRNS of any individual payments or royalties shall not preclude the Government or SRNS at any time from contesting the enforceability, validity or scope of, or title to, any patent under which a royalty or payment is made. The provision of this article shall be included in all subcontracts that are expected to exceed \$25,000.

A.34 SECURITY REQUIREMENTS

(Applicable if under the terms of this order Supplier's employees will be required to possess access authorizations (L or Q Security Clearance)

A. Responsibility

It is the Subcontractor's duty to safeguard all classified information, special nuclear material, and other DOE/SRNS property in its possession. The Subcontractor shall, in accordance with DOE/SRNS security and counterintelligence regulations and requirements, be responsible for safeguarding all classified, unclassified sensitive and proprietary information and protecting against sabotage, espionage, loss and theft of the classified, unclassified sensitive and proprietary matter in the Subcontractor's possession in connection with the performance of work under this Order. Except as otherwise expressly provided in this Order, the Subcontractor shall, upon completion or termination of this Order, transmit to SRNS any classified, unclassified sensitive, and proprietary matter in the possession of the Subcontractor or any person under the Subcontractor's control in connection with performance of this Order. If retention by the Subcontractor of any classified, unclassified sensitive, and proprietary matter in the Subcontractor's possession is required after the completion or termination of the Order and such retention is approved by the SRNS Purchasing Representative, the Subcontractor shall complete a certificate of possession to be furnished to SRNS

specifying the classified, unclassified sensitive, and proprietary matter in the Subcontractor's possession are to be retained. The certification shall identify the items and types or categories of matter retained, the conditions governing the retention of the matter, and the period of retention, if known. If the retention is approved by the SRNS Purchasing Representative, the security provisions of this Order shall continue to be applicable to the matter retained. Special nuclear material shall not be retained after the completion or termination of this Order.

B. Regulations

The Subcontractor agrees to comply with all security and counterintelligence regulations and requirements of DOE/SRNS in effect on the date of award of this order.

C. Definition of Classified Information

The term "Classified Information" means Restricted Data, Formerly Restricted Data, or National Security Information.

D. Definition of Restricted Data

The term "Restricted Data" means all data concerning:

- (1) design, manufacture, or utilization of atomic weapons;
- (2) the production of special nuclear material; or
- (3) the use of special nuclear material in the production of energy, but shall not include data declassified or removed from the Restricted Data category pursuant to Section 142 of the Atomic Energy Act of 1954, as amended.

E. Definition of Formerly Restricted Data

The term "Formerly Restricted Data" means all data removed from the Restricted Data category under section 142d. of the Atomic Energy Act of 1954, as amended.

F. Definition of National Security Information

The term "National Security Information" means any information or material, regardless of its physical form or characteristics, that is owned by, produced for or by, or is under the control of the United States Government, that has been determined pursuant to Executive Order 12356 or prior Executive Orders to require protection against unauthorized disclosure, and which is so designated.

G. Definition of Special Nuclear Material (SNM)

SNM means (1) plutonium, uranium enriched in the isotope 233 or in the isotope 235, and any other material which pursuant to the provisions of Section 51 of the Atomic Energy Act of 1954, as amended, has been determined to be special nuclear material, but does not include source material; or (2) any material artificially enriched by

any of the foregoing, but does not include source material.

H. Security Clearance of Personnel

The Subcontractor shall not permit any individual to have access to any classified information, except in accordance with the Atomic Energy Act of 1954, as amended, Executive Order 12356, and DOE/SRNS regulations or requirements applicable to the particular level and category of classified information to which access is required.

I. Criminal Liability

It is understood that disclosure of any classified information relating to the work or services ordered hereunder to any person not entitled to receive it, or failure to safeguard any classified information that may come to the Subcontractor or any person under the Subcontractor's control in connection with work under this Order, may subject the Subcontractor, its agents, employees, or Subcontractors to criminal liability under the laws of the United States. (See the Atomic Energy Act of 1954, as amended, 42 U.S.C. 2011 et seq.; 18 U.S.C. 793 and 794; and Executive Order 12356).

J. Foreign Ownership, Control or Influence

- (1) The Subcontractor shall immediately provide SRNS written notice of any changes in the extent and nature of FOCI over the Subcontractor which would affect the information provided in the Certificate Pertaining to Foreign Interests and its supporting data. Further, notice of changes in ownership or control which are required to be reported to the Securities and Exchange Commission, the Federal Trade Commission, or the Department of Justice shall also be furnished concurrently to SRNS.
- (2) In those cases where a Subcontractor has changes involving FOCI, the DOE must determine whether the changes will pose an undue risk to the common defense and security. In making this determination, the Department of Energy shall consider proposals made by the Subcontractor to avoid or mitigate foreign influences.
- (4) If the cognizant security office at any time determines that the Subcontractor is, or is potentially, subject to FOCI, the Subcontractor shall comply with such instructions as the Contracting Officer/SRNS shall provide in writing to safeguard any classified information or special nuclear material.
- (5) Information submitted by the Subcontractor or any affected lower-tier subcontractor as required pursuant to this clause shall be treated by SRNS/DOE to the extent permitted by law,

as business or financial information submitted in confidence to be used solely for purposes of evaluating FOCI.

- (6) SRNS may terminate this Subcontract for default either if the Subcontractor fails to meet obligations imposed by this article, e.g., provide the information required by this article, comply with SRNS/DOE instructions about safeguarding classified information, or make this article applicable to lower-tier subcontractors or if, in SRNS's judgment, the Subcontractor creates a FOCI situation in Subcontract to avoid performance or a termination for default. SRNS may terminate this Subcontract for convenience if the Subcontractor becomes subject to FOCI and for reasons other than avoidance of performance of the Subcontract, cannot, or chooses not to, avoid or mitigate the FOCI problem.

- K. Subcontractor agrees to insert terms that conform substantially to the language of this article including this paragraph in all lower-tier subcontracts under this subcontract that will require lower-tier subcontractor employees to possess access authorizations for access to classified information or special nuclear material. Additionally, the Subcontractor shall require such lower-tier subcontractors to have an existing DOE or DOE Facility Clearance or submit a completed Certificate Pertaining to Foreign Interests, Standard Form 328, required in DEAR 952.204-73 to the DOE Office of Safeguards and Security (marked to identify the applicable prime contract) prior to award or a lower-tier subcontract. Such subcontracts shall not be awarded until the Subcontractor is notified that the proposed lower-tier subcontractors have been cleared. Information to be provided by a lower-tier subcontractor pursuant to this clause may be submitted directly to the DOE Contracting Officer. For purposes of this Article, subcontractor means any subcontractor at any tier and the term "Contracting Officer" means the DOE Contracting Officer.

A.35 SUBCONTRACTOR'S LIABILITY FOR FINES AND PENALTIES

- A. Subcontractor is liable to SRNS for fines and penalties assessed by any governmental entity against SRNS or DOE as a result of Subcontractor's failure to perform its work under the Order in compliance with the requirements of the Order.
- B. Subcontractor shall indemnify, defend and hold harmless SRNS and DOE from and against any and all claims, demands, actions, causes of action,

suits, damages, expenses, including attorney's fees, and liabilities whatsoever resulting from or arising in any manner on account of the assessment of said fines and penalties against SRNS or DOE.

A.36 FOREIGN NATIONALS

As used in this Article, the term "Foreign National" is defined to be a person who was born outside the jurisdiction of the United States, is a citizen of a foreign government and has not been naturalized under U.S. law.

- A. The Subcontractor shall obtain the approval of SRNS, in writing, prior to any visit to a DOE or SRNS facility by any Foreign National in connection with work being performed under this Order, in accordance with the requirements of DOE Order 142.3, Unclassified Foreign Visits and Assignments Program. Visits are normally for the purpose of technical discussions, orientation, observation of projects or equipment, training, subcontract service work, including delivery of materials, or for courtesy purposes. The term "visit" also includes officially-sponsored attendance at a DOE or SRNS event off-site from the DOE/SRNS facility, but does not include off-site events and activities open to the general public. Subcontractors should be aware that required forms and documents necessary for approval of visits by Foreign Nationals should be submitted to the SRNS Purchasing Representative at least four (4) to six (6) weeks prior to the visit, depending on the nationality of the individual and the areas to be visited. Forms can be obtained from the SRNS Purchasing Representative.
- B. In addition, the Subcontractor shall obtain the approval of the SRNS Purchasing Representative, in writing, prior to the employment of, or participation by, any Foreign National in the performance of work under this Subcontract or any lower tier Subcontract at off-site locations. Such approvals will be processed in accordance with the requirements of DOE Order 142.3
- C. In the performance of off-site work, Foreign Nationals only incidentally involved with a SRNS Subcontract, and who have no knowledge that their activities are associated with SRNS Subcontract work, are exempt from the above.

A.37 JOINT INTELLECTUAL PROPERTY RIGHTS

- A. "Joint Intellectual Property Rights" shall mean any work under the subcontract, which:
- (1) Results from the involvement of at least one employee/participant from each of SRNS and the Subcontractor; and

- (2) The subject matter of which is capable of protection under domestic or foreign law, including but not limited to, patents, copyrights, trademarks, or mask works.
- B. As to Joint Intellectual Property Rights, in which SRNS has a joint ownership interest, the Subcontractor agrees to negotiate in good faith with SRNS a Memorandum of Agreement to resolve issues of participation in protection and commercialization.

A.38 ACCESS TO DOE-OWNED OR LEASED FACILITIES

(Article applies if employees of subcontractor will require physical access to DOE-owned or leased facilities)

- A. The performance of this Subcontract requires that employees of the Subcontractor have physical access to DOE-owned or leased facilities. The Subcontractor understands and agrees that DOE has a prescribed process with which the Subcontractor and its employees must comply in order to receive a security badge that allows such physical access. The Subcontractor shall propose employees whose background offers the best prospect of obtaining a security badge approval for access. This clause does not control requirements for an employee obtaining a security clearance.
- B. The Subcontractor shall assure:
- (1) Compliance with procedures established by DOE and SRNS in providing its employees with any forms directed by DOE or SRNS;
 - (2) Employees properly complete any forms;
 - (3) Employees submit the forms to the person designated by the SRNS Procurement Representative;
 - (4) Employees cooperate with DOE and SRNS officials responsible for granting access to DOE-owned or leased facilities; and
 - (5) Employees provide additional information requested by those DOE/SRNS officials.
- C. The Subcontractor understands and agrees that DOE may unilaterally deny a security badge to an employee and that the denial remains effective for that employee unless DOE subsequently determines that access may be granted. Upon notice from DOE or SRNS that an employee's application for a security badge is or will be denied, the Subcontractor shall promptly identify and submit the appropriate forms for the substitute employee. The denial of a security badge to individual employees by DOE shall not be cause for extension of the period of performance of this Subcontract or any subcontractor claim against DOE or SRNS.

- D. The Subcontractor shall return to the SRNS Procurement Representative, or designee, the badge(s) or other credential(s) provided by DOE pursuant to this clause, granting physical access to DOE-owned or leased facilities by the Subcontractor's employee(s) upon:
- (1) Termination of this Subcontract;
 - (2) Expiration of this Subcontract;
 - (3) Termination of employment on this Subcontract by an individual employee; or
 - (4) Demand by DOE/SRNS for return of the badge
- E. The Subcontractor shall include this clause, including this paragraph E. in any lower-tier subcontract, awarded in the performance of this Subcontract, in which an employee(s) of the lower-tier subcontractor will require physical access to DOE-owned or leased facilities

A.39 RESERVED

A.40 SUPPLEMENTAL DEFINITIONS FOR FAR AND DEAR CLAUSES INCORPORATED BY REFERENCE

- A. "Contract" means this Subcontract or Purchase Order (except in instances when it is not applicable or appropriate), and includes changes and modifications to this Subcontract.
- B. "Contractor" means the party to whom this Subcontract or Purchase Order is awarded (except in instances when it is not applicable or appropriate).
- C. "Government" means SRNS (except in instances when it is not applicable or appropriate).
- D. "Contracting Officer" means the Procurement Representative of SRNS.
- E. "Lower-Tier Subcontractor" means any party entering into an agreement with the Subcontractor or any lower-tier Subcontractor for the furnishing of supplies or services required for performance of this Subcontract.

This Subcontract or Purchase Order incorporates the Clauses identified below by reference, with the same force and effect as if they were given in full text. Upon request, SRNS will make their full text available.

***A.41 NUCLEAR HAZARDS INDEMNITY AGREEMENT (OCT 2005)**

DEAR 952.250-70

***A.42 EQUAL OPPORTUNITY (APR 2002)**

FAR 52.222-26

***A.43 STOP WORK ORDER (AUG 1989)**

FAR 52.242-15

***A.44 CONVICT LABOR (JUN 2003)**

FAR 52.222-3

***A.45 NOTICE OF LABOR DISPUTES (FEB 1997)**

FAR 52.222-1

***A.46 INTEREST (JUN 1996)**

FAR 52.232-17, with the addition of a paragraph (d) to read as follows: “(d) No interest is payable to the Subcontractor for any claim or voucher the Subcontractor may submit for payment except as specifically imposed by a Court on any judgment obtained by the Subcontractor or as otherwise provided herein.”

***A.47 WHISTLEBLOWER PROTECTION FOR CONTRACTOR EMPLOYEES (DEC 2000)**

NOTE: This Article applies only with respect to work to be performed on-Site.

DEAR 952.203-70

***A.48 LIMITATION OF COST (APR 1984)**

FAR 52.232-20

***A.49 EXCUSABLE DELAYS (APR 1984)**

FAR 52.249-14

***A.50 NOTICE OF INTENT TO DISALLOW COSTS (APR 1984)**

FAR 52-242-1

***A.51 FACILITIES CAPITAL COST OF MONEY (OCT 1997)**

FAR 52.215-16

***A.52 WAIVER OF FACILITIES CAPITAL COST OF MONEY (OCT 1997)**

FAR 52.215-17

***A.53 ACCESS TO AND OWNERSHIP OF RECORDS (JUL 2005)**

DEAR 970.5204-3

***A.54 ACCOUNTS, RECORDS AND INSPECTIONS (DEC 2007)**

DEAR 970.5232-3

(Paragraphs (a) through (h) only)

***A.55 PROPERTY (DEC 2000)**

DEAR 970.5245-1

***A.56 SUBCONTRACTS FOR COMMERCIAL ITEMS (FEB 2006)**

FAR 52.244-6

***A.57 RESTRICTIONS ON CERTAIN FOREIGN PURCHASES (MAR 2005)**

FAR 52.225-13

***A.58 PENSION ADJUSTMENTS AND ASSET REVERSIONS (DEC 1998)**

FAR 52.215-15

***A.59 REVERSION OR ADJUSTMENT OF PLANS FOR POST RETIREMENT BENEFITS (PRB) OTHER THAN PENSIONS (OCT 1997)**

FAR 52.215-18

***A.60 PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL (NOV 2006)**

FAR 52.204-9

SECTION B

SECTION B ARTICLES APPLY IF THE PRICE OF THIS ORDER EXCEEDS \$2,500.

(This Purchase Order incorporates the Clause identified below by reference, with the same force and effect as if they were given in full text. Upon request, SRNS will make their full text available. Reference Article A.40, “Supplemental Definitions for FAR and DEAR Clauses Incorporated by Reference”.)

***B.1 BUY AMERICAN ACT- -SUPPLIES(JUN 2003)**

FAR 52.225-1

SECTION C

SECTION C ARTICLES APPLY IF THE PRICE OF THIS ORDER EXCEEDS \$10,000.

(This Purchase Order incorporates the Clauses identified below by reference, with the same force and effect as if they were given in full text. Upon request, SRNS will make their full text available. Reference Article A.40, “Supplemental Definitions for FAR and DEAR Clauses Incorporated by Reference”.)

***C.1 AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES (JUN 1998)**

FAR 52.222-36

***C.2 PATENT INDEMNITY (APR 1984)**
FAR 52.227-3

***C.3 PROHIBITION OF SEGREGATED FACILITIES (FEB 1999)**
FAR 52.222-21

SECTION D

SECTION D ARTICLES APPLY IF THE PRICE OF THIS ORDER EXCEEDS \$25,000.

D.1 INSPECTION OF SUPPLIES AND SERVICES

- A. The Subcontractor shall provide and maintain an inspection system acceptable to SRNS covering the services and/or supplies, fabricating methods, and special tooling under this Order. Complete records of all inspection work performed by the Subcontractor shall be maintained and made available to SRNS during Order performance and for as long afterwards as the Order requires.
- B. SRNS and the Government have the right to inspect and test the services and/or supplies, to the extent practicable, at all places and times, including the period of manufacture, and in any event before acceptance. SRNS and the Government may also inspect the plant or plants of the Subcontractor or any Subcontractor engaged in the Order performance. SRNS shall perform inspections and tests in a manner that will not unduly delay the Work.
- C. If SRNS performs inspection or testing on the premises of the Subcontractor or a Subcontractor, the Subcontractor shall furnish and shall require Subcontractors to furnish all reasonable facilities and assistance for the safe and convenient performance of these duties.
- D. Unless otherwise specified, SRNS shall accept supplies as promptly as practicable after delivery, and supplies shall be deemed accepted 60 days after delivery, unless accepted or rejected earlier.
- E. At any time during Order performance, but no later than 6 months (or such other time as may be specified in the Order) after acceptance of the supplies to be delivered under this Order, SRNS may require the Subcontractor to replace or correct any Supplies that are nonconforming at time of delivery. Supplies are nonconforming when they are defective in material or workmanship or are otherwise not in conformity with Order requirements. Except as otherwise provided in paragraph H, the cost of replacement or correction shall be included in allowable cost, determined as provided in the "Allowable Cost and Payment" article, but no additional fee shall be paid. The

Subcontractor shall not tender for acceptance Supplies required to be replaced or corrected without disclosing the former requirement for replacement or correction, and, when required, shall disclose the corrective action taken.

- F. If any of the services performed do not conform with Order requirements, SRNS may require the Subcontractor to perform the services again in conformity with Order requirements for no additional fee. When the defects in services cannot be corrected by reperformance, SRNS may -
 - (1) Require the Subcontractor to take necessary action to ensure that future performance conforms to Order requirements and
 - (2) Reduce any fee payable under this Order to reflect the reduced value of the services performed.
- G. (1) If the Subcontractor fails to proceed with reasonable promptness to perform required replacement or correction, SRNS may--
 - (i) By contract or otherwise, perform the replacement or correction and charge to the Subcontractor any increased cost or make an equitable reduction in any fixed fee paid or payable under this Order;
 - (ii) Require delivery of undelivered Supplies at an equitable reduction in any fixed fee paid or payable under this Order; or
 - (iii) Terminate this Order for default.
- (2) Failure to agree on the amount of increased cost to be charged to the Subcontractor or to the reduction in the fixed fee shall be a dispute.
- (3) If the Subcontractor fails to promptly perform the services again or take the action necessary to ensure future performance in conformity with Order requirements, SRNS may
 - (i) By Contract or otherwise, perform the services and reduce any fee payable by an amount that is equitable under the circumstances; or
 - (ii) Terminate this Order for default.
- H. Notwithstanding paragraphs F and G above, SRNS may at any time require the Subcontractor to correct or replace, without cost to SRNS, nonconforming supplies, and/or correctly reperform nonconforming services, if the nonconformances are due to
 - (1) Fraud, lack of good faith, or willful misconduct on the part of the Subcontractor's managerial personnel; or
 - (2) The conduct of one or more of the Subcontractor's employees selected or retained by the Subcontractor and any of the Subcontractor's managerial personnel has

reasonable grounds to believe that the employee is habitually careless or unqualified.

- I. This article applies in the same manner to corrected or replacement Supplies as to Supplies originally delivered.
- J. The Subcontractor shall have no obligation or liability under this Order to replace Supplies that were nonconforming at the time of delivery, except as provided in this article or as may be otherwise provided in this Order
- K. Except as otherwise specified in this Order, the Subcontractor's obligation to correct or replace Government-Furnished Property shall be governed by the article pertaining to Government property.

(This Purchase Order incorporates the Clauses identified below by reference, with the same force and effect as if they were given in full text. Upon request, SRNS will make their full text available. Reference Article A.40, "Supplemental Definitions for FAR and DEAR Clauses Incorporated by Reference".)

***D.2 PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT (JAN 2005)**

FAR 52.209-6

***D.3 EQUAL OPPORTUNITY FOR SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS (DEC 2001)**

FAR 52.222-35

***D.4 EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS (DEC 2001)**

FAR 52.222-37

SECTION E

SECTION E ARTICLES APPLY IF THE PRICE OF THIS ORDER EXCEEDS \$100,000.

(This Purchase Order incorporates the Clauses identified below by reference, with the same force and effect as if they were given in full text. Upon request, SRNS will make their full text available. Reference Article A.40, "Supplemental Definitions for FAR and DEAR Clauses Incorporated by Reference".)

***E.1 AUTHORIZATION AND CONSENT (JUL 1995)**

FAR 52.227-1

***E.2 NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT (AUG 2002)**

DEAR 970.5227-5

***E.3 PAYMENT FOR OVERTIME PREMIUMS (JUL 1990)**

FAR 52.222-2

***E.4 LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS (SEP 2005)**

FAR 52.203-12

***E.5 UTILIZATION OF SMALL BUSINESS CONCERNS (OCT 2004)**

FAR 52.219-8

***E.6 INTEGRITY OF UNIT PRICES (OCT 1997)**

FAR 52.215-14

***E.7 ANTI-KICKBACK PROCEDURES (JUL 1995)**

FAR 52.203-7

***E.8 RESTRICTION ON CONTRACTOR SALES TO THE GOVERNMENT (JUL 1995)**

FAR 52.203-6

***E.9 CONTRACT WORK HOURS AND SAFETY STANDARDS ACT OVERTIME COMPENSATION (JUL 2005)**

FAR 52.222-4

***E.10 PREFERENCE FOR PRIVATELY-OWNED U.S. FLAG COMMERCIAL VESSELS (FEB 2006)**

FAR 52.247-64

***E.11 TOXIC CHEMICAL RELEASE REPORTING (AUG 2003)**

FAR 52.223-14

***E.12 NOTIFICATION OF EMPLOYEE RIGHTS CONCERNING PAYMENT OF UNION DUES OR FEES (DEC 2004)**

FAR 52.222-39

SECTION F

SECTION F ARTICLES APPLY IF THE PRICE OF THIS ORDER EXCEEDS \$500,000.

(This Purchase Order incorporates the Clauses identified below by reference, with the same force and effect as if they were given in full text. Upon request, SRNS will make their full text available. Reference Article A.40, "Supplemental Definitions for FAR and DEAR Clauses Incorporated by Reference".)

***F.1 DISPLACED EMPLOYEE HIRING PREFERENCE (JUN 1997)**

DEAR 952.226.74

***F.2 WORKFORCE RESTRUCTURING UNDER SECTION 3161 OF THE NATIONAL DEFENSE AUTHORIZATION ACT FOR FISCAL YEAR 1993 (DEC 2000)**

DEAR 970.5226.2

***F.3 SMALL BUSINESS SUBCONTRACTING PLAN (JUL 2005)**

FAR 52.219-9

SECTION G

SECTION G ARTICLES APPLY ONLY IF SPECIFIED IN THE ORDER, REGARDLESS OF ORDER PRICE

G.1 INTEGRATION OF ENVIRONMENT, SAFETY AND HEALTH INTO WORK PLANNING AND EXECUTION

- A. For the purpose of this Article,
- (1) Safety encompasses environment, safety and health, including pollution prevention and waste minimization; and
 - (2) Employees include Subcontractor and lower-tier subcontractor employees.
- B. In performing work under this Subcontract, the Subcontractor and any lower-tier Subcontractor(s), shall perform work safely, in a manner that ensures adequate protection for employees, the public, and the environment, and shall be accountable for the safe performance of work. The Subcontractor shall exercise a degree of care commensurate with the work and the associated hazards. The Subcontractor shall ensure that management of environment, safety and health (ES&H) functions and activities becomes an integral, but visible part of the Subcontractor's work planning and execution processes. The Subcontractor shall, in the performance of work, ensure that:
- (1) Line management is responsible for the protection of employees, the public, and the

environment. Line management includes those subcontractor and lower-tier subcontractor employees managing or supervising employees performing work.

- (2) Clear and unambiguous lines of authority and responsibility for ensuring ES&H are established and maintained at all organizational levels.
 - (3) Personnel possess the experience, knowledge, skills, and abilities that are necessary to discharge their responsibilities.
 - (4) Resources are effectively allocated to address ES&H, programmatic, and operational considerations. Protecting employees, the public, and the environment is a priority whenever activities are planned and performed.
 - (5) Before work is performed, the associated hazards are evaluated and an agreed-upon set of ES&H standards and requirements are established which, if properly implemented, provide adequate assurance that employees, the public, and the environment are protected from adverse consequences.
 - (6) Administrative and engineering controls to prevent and mitigate hazards are tailored to the work being performed and associated hazards. Emphasis should be on designing the work and/or controls to reduce or eliminate the hazards and to prevent accidents and unplanned releases and exposures.
 - (7) The conditions and requirements to be satisfied for operations to be initiated and conducted are established and agreed-upon by SRNS and the Subcontractor. These agreed-upon conditions and requirements of the Subcontract are binding upon the Subcontractor. The extent of documentation and level of authority for agreement shall be tailored to the complexity and hazards associated with the work.
- C. The Subcontractor and any lower-tier Subcontractor(s), shall manage and perform work in accordance with Article G.2 or a documented Worker Protection Plan (WPP) that fulfills all conditions in paragraph B. of this Article to the degree specified in Article G.3 or G.4. as indicated applicable to this subcontract Documentation in the subcontract shall describe how the Subcontractor will:
- (1) Define the Work to be performed;
 - (2) Identify and analyze hazards associated with the work;
 - (3) Develop and implement hazard controls;
 - (4) Perform work within controls; and
 - (5) Provide feedback on adequacy of controls and

- continue to improve safety management.
- D. The subcontract shall describe how the Subcontractor will establish, document, and implement safety performance objectives, performance measures, and commitments in response to Subcontract requirements and funding limits while maintaining the integrity of the WPP. The subcontract shall also describe how the Subcontractor will measure WPP effectiveness.
 - E. The Subcontractor shall submit to the SRNS Purchasing Representative documentation of its WPP for review and acceptance. The SRNS Purchasing Representative will establish dates for submittal, discussions, and revisions to the WPP. The SRNS Purchasing Representative will provide guidance on preparation, content, review, and acceptance of the WPP.. On an annual basis, the Subcontractor shall review and update, for SRNS acceptance, its safety performance objectives, performance measures, and commitments consistent with, and in response to, Subcontract requirements, funding limits and direction. Resources shall be identified and allocated to meet the safety objectives and performance commitments as well as maintain the integrity of the entire WPP. Accordingly, the subcontract shall be integrated with the Subcontractor's business processes, as applicable to the Scope of Work contained in this subcontract, for work planning, budgeting, authorization, execution, and change control.
 - F. The Subcontractor and any lower-tier Subcontractor(s), shall comply with, and assist SRNS in complying with, ES&H requirements of all applicable laws and regulations, and applicable directives identified in the Article of this Subcontract on Laws, Regulations, and DOE Directives. The Subcontractor shall cooperate with Federal and non-Federal agencies having jurisdiction over ES&H matters under this Subcontract.
 - G. The Subcontractor shall promptly evaluate and resolve any noncompliance with applicable ES&H requirements including those specified in the subcontract. If the Subcontractor fails to provide resolution or, if at any time, the Subcontractor's acts or failure to act causes substantial harm or an imminent danger to the environment or health and safety of employees or the public, the SRNS Purchasing Representative may issue an order stopping work in whole or in part. Any stop work order issued by the SRNS Purchasing Representative under this Article (or issued by the Subcontractor to a lower-tier subcontractor shall be without prejudice to any other legal or contractual rights of SRNS. In the event that the SRNS

Purchasing Representative issues a stop work order, an order authorizing the resumption of the work may be issued at the discretion of the SRNS Purchasing Representative. The Subcontractor shall not be entitled to an extension of time or additional fee or damages by reason of, or in connection with, any work stoppage ordered in accordance with this Article.

- H. SRNS shall hold the Subcontractor responsible for compliance with the ES&H requirements applicable to this Subcontract, including performance of work by any lower-tier subcontractor(s). In utilizing the Focused Observation Checklists, Subcontractors are required to forward any self- identified safety deficiencies to the STR. The STR will forward the deficiencies to SRNS Contractor Assurance for screening.

G.2 ENVIRONMENT, SAFETY, AND HEALTH COMPLIANCE - ALTERNATIVE I

(Compliance by the Subcontractor with the requirements of this Article G.2 shall satisfy any/all requirements of Article G.1, "Integration Of Environment, Safety and Health Into Work Planning And Execution", applicable to the scope of work contained in this Subcontract.)

- A. The Subcontractor, and any lower-tier Subcontractor(s), shall take all reasonable precautions in the performance of the work under this Subcontract to protect the environment, safety, and health of employees and members of the public. All work shall be performed to include lower-tier subcontracted work in compliance with all applicable SRNS/DOE environmental, safety, and health requirements, including DOE Regulation 10 CFR 851, "Worker Safety and Health Program", and orders, and procedures including related reporting requirements. Such procedures provide authority to SRNS employees to call a "time out/stop work" when unsafe conditions are observed and/or employee actions are likely to cause injury to themselves, other personnel, or cause damage to SRS property. The subcontractor shall ensure that its employees, including lower-tier subcontractor employees are aware of this authority, and also have similar "time out/stop work" authority when performing work under this subcontract. The SRNS Purchasing Representative shall notify the Subcontractor in writing of any noncompliance with the provisions of this Article and the corrective action to be taken. After receipt of such notice, the Subcontractor shall immediately take corrective action. In the event that the Subcontractor fails to take corrective action and comply with said SRNS/DOE regulations,

requirements and procedures the SRNS Purchasing Representative may, without prejudice to any other legal or contractual rights of SRNS, issue an order stopping work in whole or in part. An order authorizing the resumption of work may be issued at the discretion of the Purchasing Representative. The Subcontractor shall not be entitled to an extension of time or additional fee or damages by reason of, or in connection with, any work stoppage ordered in accordance with this Article.

- B. Prior to the start of work under this subcontract, the subcontractor shall provide to the SRNS Purchasing Representative a letter acknowledging a Corporate Safety and Health Policy and confirmation of compliance with SRNS procedures. In addition, for any tasks identified in the Statement of Work as outside the scope of SRNS procedures, the Subcontractor shall provide to the SRNS Purchasing Representative for SRNS review and acceptance any appropriate documentation, procedures or manuals containing task hazard reviews and safeguards to be implemented. Whenever a significant change or addition is made to such documentation, procedures or manuals, the subcontractor shall re-submit the revised document to SRNS for review and acceptance. Examples of significant changes include any requirement deletions, additional scope added, total re-write or major revision. Additionally, the Subcontractor must submit annually to SRNS either an update to the documentation, procedures or manuals for acceptance or a letter stating that no changes are necessary in the current accepted documents.

C. Equipment Safety.

The Subcontractor shall ensure that major equipment used in the performance of work under this subcontract is inspected, operated and maintained by qualified competent personnel. As confirmation, the Subcontractor shall complete Form PF-44, Major Equipment Declaration, (copy available on the SRNS Internet Home Page) and provide one (1) copy to the Subcontract Technical Representative (STR), prior to placing any such equipment in service on the Savannah River Site. Additionally, prior to performing any activity involving the loading, unloading, and transporting of self-propelled medium or heavy duty equipment on the Savannah River Site, the Subcontractor shall complete the "Self-propelled Equipment Loading, Unloading & Transport Safety Review Checklist", copy available on the SRNS Home Page at (http://www.srs.gov/general/busiops/PMMD/SRNS_general_provisions.htm), and provide a copy to the STR.

D. Assigned Competent Person.

The Subcontractor shall designate in writing an Assigned Competent Person (ACP), and alternates, who will be responsible for SRS perimeter barricade escort and safety orientation for non-badged material/equipment delivery personnel and other non-badged subcontractor personnel seeking temporary badges in support of the subcontractor's work scope. The ACP shall be a responsible employee, cognizant of the subcontract scope and all applicable environmental, safety and health requirements, including any focused observation safety checklists. The ACP shall furnish an advance copy of applicable focused observation safety checklists to any non-badged temporary personnel anticipating entry onto SRS, and shall meet entering personnel at the SRNS Badging Office, Building 703-46A when they report for temporary badging. The ACP and entering personnel shall review the scope of work to be performed and upon arrival at the work site review, complete and date any applicable focused observation safety checklist(s). For material/equipment deliveries, the ACP shall review any applicable focused observation safety checklists with delivery personnel, including specific safety measures required for loading/unloading in accordance with OSHA.

E. Safety and Health Representative.

The Subcontractor shall designate a safety and health professional or representative, as specified in the subcontract. The designation must include the person's qualifications and duties. A designated Safety Representative shall have a minimum of thirty (30) hours formal Safety and Health training in OSHA standards or pre-approved equivalent, having other safety related training certificates and/or job experience in General Industry/Construction safety with an understanding of the requirements in 29 CFR 1910/1926.

F. Site Reporting Requirements

The Subcontractor shall immediately notify the STR or SRNS Procurement Representative of any event/condition that may require reporting to DOE. Further, the Subcontractor shall cooperate with any SRNS or DOE critique, analysis, or investigation and complete necessary reports for such events/conditions. Events/conditions that require reporting to DOE are defined in DOE Manual 231.1-2 (DOE M 231.1-2) and can include (but are not limited to):

- (1) Operational emergencies,
- (2) Occupational injury or illness (including exposures to hazardous substances in excess of allowable limits) and near misses,

- (3) Any on-the-job injury where an employee is taken offsite for something other than observation. The notification requirement applies to any person who goes offsite for prompt medical treatment of any type. The mode of transportation (ambulance, personal vehicle, etc.) is not pertinent – any offsite transfers must be reported immediately,
- (4) Any violation of Lockout/Tagout controls where there are no credible barriers left between the worker, and the energy source regardless of whether or not there was an injury,
- (5) Fires/explosions,
- (6) Hazardous energy control failures,
- (7) Operations shutdown directed by management for safety response,
- (8) Environmental release of radioactive materials, hazardous substances, regulated pollutants, oil spills, etc.,
- (9) Violation of Federal Motor Carrier Safety Regulations or Hazardous Material Regulations,
- (10) Loss, damage, theft, or destruction to government property (including damage to ecological resources like wetlands, critical habitats, historical/archeological sites, etc.),
- (11) Spread of radioactive contamination or loss of control of radioactive materials,
- (12) Personnel radioactive contaminations or exposures, and
- (13) Violations of procedures.

Immediate notification is required of such events to ensure SRNS meets its commitment for 30 minute notification to appropriate DOE authorities. The Subcontractor shall preserve conditions surrounding or associated with the event for continued investigation unless such actions interfere with establishing a safe condition. The Subcontractor and their employees shall not conceal nor destroy any information concerning noncompliance or potential noncompliance with the environment, safety and health requirements of this subcontract.

G.3 ENVIRONMENT, SAFETY, AND HEALTH COMPLIANCE – ALTERNATIVE II

(Compliance by the Subcontractor with the requirements of this Article G.3 shall satisfy any/all requirements of Article G.1, "Integration Of Environment, Safety and Health Into Work Planning And Execution", applicable to the scope of work contained in this Subcontract.)

A. The Subcontractor and any lower-tier subcontractor(s) shall take all reasonable precautions in the performance of the work under

this Subcontract to protect the environment, safety and health of employees and members of the public, and shall comply with OSHA and all other applicable federal, state and local regulatory requirements, including new DOE Regulation 10 CFR 851, "Worker Safety and Health Program" which will apply to any work performed on the Savannah River Site effective February 9, 2007. The subcontractor and any lower-tier subcontractor shall comply with site-specific ES&H requirements when specified in the subcontract. The SRNS Purchasing Representative shall notify the Subcontractor in writing of any noncompliance with the provisions of this Article. After receipt of such notice, the Subcontractor shall immediately take corrective action. In the event that the Subcontractor fails to take corrective action and comply with said regulations and requirements, the SRNS Purchasing Representative may, without prejudice to any other legal or contractual rights of SRNS, issue an order stopping work in whole or in part. An order authorizing the resumption of work may be issued at the discretion of the Purchasing Representative. The Subcontractor shall not be entitled to an extension of time or additional fee or damages by reason of, or in connection with, any work stoppage ordered in accordance with this Article.

B. Corporate Worker Protection Plan (WPP)

The Subcontractor shall possess and maintain a corporate Worker Protection Plan (WPP) which implements the OSHA requirements applicable to the normal course of the Subcontractor's business. Prior to the start of work under this Subcontract, the Subcontractor shall provide to the SRNS Purchasing Representative a copy of the WPP and sample Task Specific Plans (TSP) (based on a minimum of three tasks in the scope of work), for review and acceptance by the appropriate SRNS organization(s). NOTE: Subcontractor is responsible for conducting hazard analysis and documenting additional TSPs. Work under this Subcontract shall not commence until the WPP and TSPs have been accepted by SRNS. The Subcontractor shall provide a copy of the accepted WPP and TSP to any lower-tier Subcontractor(s) and shall ensure subcontractor employee's performing work at the site have access to the WPP document accepted by SRNS, and other standards, controls and procedures including DOE worker protection publications applicable to the workplace. The Subcontractor's employees and the employees of any lower-tier Subcontractor(s), shall comply with the WPP and TSPs in the performance of the work under this Subcontract. The WPP shall meet the following minimum

requirements:

- (1) Shall include management policies that provide for clear goals, responsibilities, authority, and accountability for meeting loss control objectives;
- (2) Shall include the implementation of applicable local, state, federal, environment, safety and health requirements that are relevant to the scope of work, including applicable elements in 10 CFR 851, "Worker Safety and Health Program";
- (3) Shall provide employee guidance on internal engineering controls, precautions, and requirements on personal protective equipment (PPE) to minimize, control and/or prevent employee exposure to include equipment/property loss;
- (4) Shall include management policies for incorporating and implementing the use of American Conference of Governmental Industrial Hygienist (ACGIH) threshold limit values (TLVs). The ACGIH guidelines shall be used when the TLV(s) exposure limits are more restrictive than OSHA permissible exposure limits (PELs).
- (5) Shall include Task Specific Plans that include hazard identification and control measures that provide for safe work practices and employee training (i.e., 1) Define Scope of Work, 2) Identify and Analyze Hazards, 3) Develop and Implement Controls, 4) Perform Work within Controls, 5) Provide Feedback, and Continuous Improvement.);
- (6) Shall include Focused Observation Checklists, as applicable. The Subcontractor shall (i) thoroughly assess the work scope, (ii) identify the associated hazards, and (iii) apply elements of corresponding Checklists within the Worker Protection Plan (WPP) or utilize applicable Checklists as attachments to the WPP. Subcontract scope performed by the subcontractor and its lower-tier Subcontractors will typically be covered by the WPP and appropriate Checklists. Such Checklists are available on the Savannah River Site Internet Home Page (http://www.srs.gov/general/busiops/PMMD/SRNS_general_provisions.htm) for review and down loading.
- (7) Shall include a process that provides authority to subcontractor and lower-tier subcontractor employees to call for a "time out/stop work" when unsafe conditions are observed and/or employee actions are likely to cause injury to themselves, other personnel, or cause damage to SRS property.

The Subcontractor shall provide mechanisms to involve workers in the development of WPP goals, objectives, and performance measures and in the identification and control of workplace hazards. Whenever a significant change or addition is made to the WPP, it shall be re-submitted to SRNS for review and acceptance. Examples of significant changes include any requirement deletions, additional scope added, total re-write or major revision. Additionally, the Subcontractor must submit annually to SRNS either an updated WPP for acceptance or a letter stating that no changes are necessary in the current accepted WPP.

C. Equipment Safety.

The Subcontractor shall ensure that major equipment used in the performance of work under this subcontract is inspected, operated and maintained by qualified competent personnel. As confirmation, the Subcontractor shall complete Form PF-44, Major Equipment Declaration, (copy available on the SRNS Internet Home Page) and provide one (1) copy to the Subcontract Technical Representative (STR), prior to placing any such equipment in service on the Savannah River Site. Additionally, prior to performing any activity involving the loading, unloading, and transporting of self-propelled medium or heavy duty equipment on the Savannah River Site, the Subcontractor shall complete the "Self-propelled Equipment Loading, Unloading & Transport Safety Review Checklist", copy available on the SRNS Home Page at (http://www.srs.gov/general/busiops/PMMD/SRNS_general_provisions.htm), and provide a copy to the STR.

D. Assigned Competent Person.

The Subcontractor shall designate in writing an Assigned Competent Person (ACP), and alternates, who will be responsible for SRS perimeter barricade escort and safety orientation for non-badged material/equipment delivery personnel and other non-badged subcontractor personnel seeking temporary badges in support of the subcontractor's work scope. The ACP shall be a responsible employee, cognizant of the subcontract scope and all applicable environmental, safety and health requirements, including any focused observation safety checklists. The ACP shall furnish an advance copy of applicable focused observation safety checklists to any non-badged temporary personnel anticipating entry onto SRS, and shall meet entering personnel at the SRNS Badging Office, Building 703-46A when they report for temporary badging. The ACP and entering personnel shall review the scope of work to be performed and upon arrival at the work site review, complete and date any applicable focused

observation safety checklist(s). For material/equipment deliveries, the ACP shall review any applicable focused observation safety checklists with delivery personnel, including specific safety measures required for loading/unloading in accordance with OSHA and the WPP.

E. Safety and Health Representative.

The Subcontractor shall designate a safety and health professional or representative, as specified in the subcontract. The designation must include the person's qualifications and duties and be documented in the Subcontractor's Worker Protection Plan. A designated Safety Representative shall have a minimum of thirty (30) hours formal Safety and Health training in OSHA standards or pre-approved equivalent, having other safety related training certificates and/or job experience in General Industry/Construction safety with an understanding of 29 CFR 1910/1926 requirements.

F. Material Safety Data Sheets.

The Subcontractor shall provide the STR copies of Material Safety Data Sheets for all chemicals brought to SRS prior to the initial use of such chemicals. In addition, the Subcontractor shall provide the STR with a current inventory on a monthly basis for chemicals stored on-site for thirty (30) or more days per EPCRA/CERCLA. All chemicals stored on-site shall follow NFPA storage guidelines.

G. Environmental Compliance

The Subcontractor and any lower-tier subcontractor(s) shall comply with all applicable environmental protection laws, Executive Orders, ordinances, regulations, directives, and codes. Upon request, the Subcontractor shall submit an Environmental Compliance Plan (ECP) outlining the methods proposed to address the environmental requirements specified in the scope of work. The ECP shall specify the person responsible for ensuring the requirements are met.

H. Site Reporting Requirements

The Subcontractor shall immediately notify the STR or SRNS Purchasing Representative of any event/condition that may require reporting to the DOE. Further, the Subcontractor shall cooperate with any SRNS or DOE critique, analysis, or investigation and complete necessary reports for such events/conditions. Events/conditions that require reporting to DOE are defined in DOE Manual 231.1-2 (DOE M 231.1-1-2) and can include (but are not limited to):

- (1) Operational emergencies,
- (2) Occupational injury or illness (including exposures to hazardous substances in excess of

allowable limits) and near misses,

- (3) Any on-the-job injury where an employee is taken offsite for something other than observation. The notification requirement applies to any person who goes offsite for prompt medical treatment of any type. The mode of transportation (ambulance, personal vehicle, etc.) is not pertinent – any offsite transfers must be reported immediately,
- (4) Any violation of Lockout/Tagout controls where there are no credible barriers left between the worker, and the energy source regardless of whether or not there was an injury
- (5) Fires/explosions,
- (6) Hazardous energy control failures,
- (7) Operations shutdown directed by management for safety reasons,
- (8) Environmental release of radioactive materials, hazardous substances, regulated pollutants, oil spills, etc.
- (9) Violation of Federal Motor Carrier Safety Regulations or Hazardous Material Regulations,
- (10) Loss damage, theft, or destruction to government property (including damage to ecological resources like wetlands, critical habitats, historical/archeological sites, etc.),
- (11) Spread of radioactive contamination or loss of control of radioactive materials,
- (12) Personnel radioactive contaminations or exposures, and
- (13) Violations of procedures.

Immediate notification is required of such events to ensure SRNS meets its commitment for 30 minute notification to appropriate DOE authorities. The Subcontractor shall preserve conditions surrounding or associated with the event for continued investigation unless such actions interfere with establishing a safe condition. The Subcontractor and their employees shall not conceal nor destroy any information concerning noncompliance or potential noncompliance with the environment, safety and health requirements of this subcontract.

G.4 ENVIRONMENT, SAFETY, AND HEALTH COMPLIANCE – ALTERNATIVE III

(Compliance by the Subcontractor with the requirements of this Article G.4 shall satisfy any/all requirements of Article G.1, "Integration Of Environment, Safety and Health Into Work Planning And Execution", applicable to the scope of work contained in this Subcontract.)

A. The Subcontractor and any lower-tier subcontractor(s) shall take all reasonable

precautions in the performance of the work under this Subcontract to protect the environment, safety and health of employees and members of the public, and shall comply with OSHA and all other applicable federal, state and local regulatory requirements, including new DOE Regulation 10 CFR 851, "Worker Safety and Health Program" which will apply to any work performed on the Savannah River Site effective February 9, 2007. The subcontractor and any lower-tier subcontractor shall comply with site-specific ES&H requirements when specified in the subcontract. The SRNS Purchasing Representative shall notify the Subcontractor in writing of any noncompliance with the provisions of this Article. After receipt of such notice, the Subcontractor shall immediately take corrective action. In the event that the Subcontractor fails to take corrective action and comply with said regulations and requirements, the SRNS Purchasing Representative may, without prejudice to any other legal or contractual rights of SRNS, issue an order stopping work in whole or in part. An order authorizing the resumption of work may be issued at the discretion of the Purchasing Representative. The Subcontractor shall not be entitled to an extension of time or additional fee or damages by reason of, or in connection with, any work stoppage ordered in accordance with this Article.

B. Corporate Worker Protection Plan (WPP)

The Subcontractor shall possess and maintain a corporate Worker Protection Plan (WPP) which implements the OSHA requirements applicable to the normal course of the Subcontractor's business. Prior to the start of work under this Subcontract, the Subcontractor shall provide to the SRNS Purchasing Representative a copy of the WPP for review and acceptance by the appropriate SRNS organizations. The Subcontractor's employees and the employees of any lower-tier subcontractor(s), shall comply with the WPP in the performance of the work under this Subcontract. Work under the Subcontract shall not commence until the WPP has been received and accepted by SRNS. The Subcontractor shall provide a copy of the WPP to any lower-tier subcontractor(s) and shall ensure subcontractor employee's performing work at the site have access to the WPP document accepted by SRNS, and other standards, controls and procedures including DOE worker protection publications applicable to the workplace. The WPP shall meet the following minimum requirements:

(1) Shall include management policies that provide for clear goals, responsibilities, authority, and accountability for meeting loss

control objectives;

- (2) Shall include the implementation of applicable local, state, federal, environment, safety and health requirements that are relevant to the scope of work, including applicable elements in 10 CFR 851, "Worker Safety and Health Program";
- (3) Shall provide employee guidance on task hazards, engineering controls, precautions, and requirements on personal protective equipment (PPE) to minimize, control and/or prevent employee exposure to include equipment/property loss;
- (4) Shall include management policies for incorporating and implementing the use of American Conference of Governmental Industrial Hygienist (ACGIH) threshold limit values (TLVs). The ACGIH guidelines shall be used when the TLV(s) exposure limits are more restrictive than OSHA permissible exposure limits (PELs).
- (5) Shall include Focused Observation Checklists, as applicable. The Subcontractor shall (i) thoroughly assess the work scope, (ii) identify the associated hazards, and (iii) apply elements of corresponding Checklists within the Worker Protection Plan (WPP) or utilize applicable Checklists as attachments to the WPP. Subcontract scope performed by the subcontractor and its lower-tier Subcontractors will typically be covered by the WPP and appropriate Checklists. Such Checklists are available on the Savannah River Site Internet Home Page (http://www.srs.gov/general/busiops/PMMD/SRNS_general_provisions.htm) for review and down loading.
- (6) Shall include a process that provides authority to subcontractor and lower-tier subcontractor employees to call for a "time out/ stop work" when unsafe conditions are observed and/or employee actions are likely to cause injury to themselves, other personnel, or cause damage to SRS property.

The Subcontractor shall provide mechanisms to involve workers in the development of WPP goals, objectives, and performance measures and in the identification and control of workplace hazards. Whenever a significant change or addition is made to the WPP, it shall be re-submitted to SRNS for review and acceptance. Examples of significant changes include any requirement deletions, additional scope added, total re-write or major revision. Additionally, the Subcontractor must submit annually to SRNS either an updated WPP for acceptance or a letter stating that no changes

are necessary in the current accepted WPP.

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The Subcontractor shall ensure that major equipment used in the performance of work under this subcontract is inspected, operated and maintained by qualified competent personnel. As confirmation, the Subcontractor shall complete Form PF-44, Major Equipment Declaration, (copy available on the SRNS Internet Home Page) and provide one (1) copy to the Subcontract Technical Representative (STR), prior to placing any such equipment in service on the Savannah River Site. Additionally, prior to performing any activity involving the loading, unloading, and transporting of self-propelled medium or heavy duty equipment on the Savannah River Site, the Subcontractor shall complete the "Self-propelled Equipment Loading, Unloading & Transport Safety Review Checklist", copy available on the SRNS Home Page at (http://www.srs.gov/general/busiops/PMMD/SRNS_general_provisions.htm), and provide a copy to the STR.

D. Assigned Competent Person.

The Subcontractor shall designate in writing an Assigned Competent Person (ACP), and alternates, who will be responsible for SRS perimeter barricade escort and safety orientation for non-badged material/equipment delivery personnel and other non-badged subcontractor personnel seeking temporary badges in support of the subcontractor's work scope. The ACP shall be a responsible employee, cognizant of the subcontract scope and all applicable environmental, safety and health requirements, including any focused observation safety checklists. The ACP shall furnish an advance copy of applicable focused observation safety checklists to any non-badged temporary personnel anticipating entry onto SRS, and shall meet entering personnel at the SRNS Badging Office, Building 703-46A when they report for temporary badging. The ACP and entering personnel shall review the scope of work to be performed and upon arrival at the work site review, complete and date any applicable focused observation safety checklist(s). For material/equipment deliveries, the ACP shall review any applicable focused observation safety checklists with delivery personnel, including specific safety measures required for loading/unloading in accordance with OSHA and the WPP.

E. Safety and Health Representative.

The Subcontractor shall designate a safety and health professional or representative, as specified in the subcontract. The designation must include

the person's qualifications and duties and be documented in the Subcontractor's Worker Protection Plan. A designated Safety Representative shall have a minimum of thirty (30) hours formal Safety and Health training in OSHA standards or pre-approved equivalent, having other safety related training certificates and/or job experience in General Industry/Construction safety with an understanding of 29 CFR 1910/1926 requirements.

F. Material Safety Data Sheets.

The Subcontractor shall provide the STR copies of Material Safety Data Sheets for all chemicals brought to SRS prior to the initial use of such chemicals. In addition, the Subcontractor shall provide the STR with a current inventory on a monthly basis for chemicals stored on-site for thirty (30) or more days per EPCRA/CERCLA. All chemicals stored on-site shall follow NFPA storage guidelines.

G. Environmental Compliance

The Subcontractor and any lower-tier subcontractor(s) shall comply with all applicable environmental protection laws, Executive Orders, ordinances, regulations, directives, and codes. Upon request, the Subcontractor shall submit an Environmental Compliance Plan (ECP) outlining the methods proposed to address the environmental requirements specified in the scope of work. The ECP shall specify the person responsible for ensuring the requirements are met.

H. Site Reporting Requirements

The Subcontractor shall immediately notify the STR or SRNS Purchasing Representative of any event/condition that may require reporting to the DOE. Further, the Subcontractor shall cooperate with any SRNS or DOE critique, analysis, or investigation and complete necessary reports for such events/conditions. Events/conditions that require reporting to DOE are defined in DOE Manual 231.1-2 (DOE M 231.1-1-2) and can include (but are not limited to):

- (1) Operational emergencies,
- (2) Occupational injury or illness (including exposures to hazardous substances in excess of allowable limits) and near misses,
- (3) Any on-the-job injury where an employee is taken offsite for something other than observation. The notification requirement applies to any person who goes offsite for prompt medical treatment of any type. The mode of transportation (ambulance, personal vehicle, etc.) is not pertinent – any offsite transfers must be reported immediately,
- (4) Any violation of Lockout/Tagout controls where there are no credible barriers left

between the worker, and the energy source regardless of whether or not there was an injury

- (5) Fires/explosions,
- (6) Hazardous energy control failures,
- (7) Operations shutdown directed by management for safety reasons,
- (8) Environmental release of radioactive materials, hazardous substances, regulated pollutants, oil spills, etc.
- (9) Violation of Federal Motor Carrier Safety Regulations or Hazardous Material Regulations, and
- (10) Loss damage, theft, or destruction to government property (including damage to ecological resources like wetlands, critical habitats, historical/archeological sites, etc.),
- (11) Spread of radioactive contamination or loss of control of radioactive materials,
- (12) Personnel radioactive contaminations or exposures, and
- (13) Violations of procedures.

Immediate notification is required of such events to ensure SRNS meets its commitment for 30 minute notification to appropriate DOE authorities. The Subcontractor shall preserve conditions surrounding or associated with the event for continued investigation unless such actions interfere with establishing a safe condition. The Subcontractor and their employees shall not conceal nor destroy any information concerning noncompliance or potential noncompliance with the environment, safety and health requirements of this subcontract.

G.5 GENERAL EMPLOYEE TRAINING AND ANNUAL REFRESHER TRAINING FOR SUBCONTRACT EMPLOYEES

The following terms are applicable if performance of this Order will require the Supplier/Subcontractor's employee(s) to perform work on SRS premises for more than ten (10) working days.

A. General Employee Training (GET)

- (1) The Subcontractor shall inform his employees and the employees of his lower tier subcontractors and agents that it is the policy of Savannah River Nuclear Solutions to adhere to the requirements contained in the DOE Order entitled "Personnel Selection, Qualification and Training Requirements," which requires any individual, employed either full or part-time at any DOE reactor or non-reactor facility to receive selected general training.
- (2) **Successful Completion Required**

Said employees, referred to in the remainder of this document as "individual", must successfully complete the training known as "General Employee Training" (GET) as offered by the SRS. The GET sessions are given by a Savannah River Site authorized GET instructor. There are three categories of GET.

- (i) Category 1 consists of viewing a video that lasts for one hour. This category is limited to delivery personnel, visitors, and other temporary personnel that require badged access to the general site and property protection areas and are typically on site greater than 10 days, but not consecutively, in a calendar year.
- (ii) Category 2 consists of viewing a video and a written examination, and lasts for approximately two hours. This category would apply to visitors or other temporary personnel that require badged access to the general site and property protection areas and are on site greater than 10 days consecutively in a calendar year, and additional training is not required as determined by SRNS.
- (iii) Category 3 consists of eight hours of training and includes instructor lecture along with audio and visual aids and a written examination. This category applies to individuals who require badged access to the general site, property protection areas, or security controlled areas and additional training is required, as determined by SRNS.

(3) Successful Completion Defined

Successful completion occurs when the individual:

- (i) Is scheduled for GET,
- (ii) Attends the GET session,
- (iii) Obtains a test score of 70% or greater on the written examination, if required, (100% is the highest obtainable score), and
- (iv) Properly completes all documents (rosters, exam answer sheet, etc.).

(4) Unsuccessful Completion Defined

If the individual fails to successfully complete GET, the individual is given a failure notice and is to notify the Subcontract Technical Representative (STR) for rescheduling for remedial training or for a re-test. The individual will be allowed several chances to successfully complete the GET. Continued failure to successfully complete GET will result in resolution by the STR.

- (5) Scheduling for GET
The STR shall direct the individual to the appropriate training center to attend the GET session. GET training is scheduled subject to demand.

- (6) Records
GET records will be maintained by SRNS.

- B. Annual Refresher Training
Refresher Training is required after an individual's initial successful completion of all categories of GET, regardless of the individual's present employer. Category 1 and Category 2 GET training must be repeated annually. For Category 3, successful completion of Consolidated Annual Training (CAT) is required. The subcontractor is responsible for scheduling its employees for this training. The STR may be contacted for assistance.

G.6 SECURITY EDUCATION REQUIREMENTS FOR SUBCONTRACTORS

The following items are applicable if performance of this subcontract will require the Subcontractor/Subcontractor's employee(s) to receive a security badge.

- A. Subcontractor Security Education Coordinator -
- (1) If this Order will require a force of more than thirty (30) subcontract employees receive a badge, then the Subcontractor/ Subcontractor shall provide to the SRNS Security Education Office, the name of it's representative appointed to administer it's Security Education Program. This representative shall be referred to as the Subcontractor Security Education Coordinator (SSEC).
 - (2) If this Order will require that less than thirty (30) subcontract employees receive a badge, then the SRNS Subcontract Technical Representative (STR) will perform the activities discussed in this Supplement.
- B. Company Roster
The SSEC will be responsible for providing the STR with a roster of all subcontract personnel receiving a badge. At a minimum the data shall include name, social security number, work telephone number, clearance level and place where work is generally performed. This list shall be kept current and updated every sixty (60) days.
- C. Initial Briefing
The SSEC will ensure that all subcontract personnel, regardless of clearance level, receive an Initial Security Briefing. This briefing is shown during General Employee Training. This briefing consists of a videotape shown during GET, or at the time of badging for those individuals not required to attend GET.

- D. Comprehensive Briefing
If subcontract personnel have a clearance at the inception of this Order, or receive a clearance at any time during the course of the Order, the SSEC/STR will ensure that those subcontract employees receive a Comprehensive Briefing from SRNS.

- E. Annual Refresher Briefing
The SSEC/STR shall ensure that all subcontract employees receive, at least once in a twelve (12) month period, an Annual Security Refresher briefing from SRNS. This briefing is provided during GET Refresher Training.

- F. Foreign Travel Briefing
If a subcontract employee plans a trip to a sensitive country, whether on official business or for pleasure, the SSEC/STR is responsible for ensuring that the individual receives a Foreign Travel Briefing from SRNS before departing and a Debriefing upon return. The OPSEC Officer is responsible for these Briefings.

- G. Badge Retrieval at Termination
The Subcontractor is responsible for ensuring that badges are returned or accounted for when a subcontract employee terminates employment or when an Order is completed. The employee must report to Employment Processing Center, for proper completion of out-processing and badge return. This effort should be coordinated with the SRNS STR.

- H. Termination Briefing
When a subcontract employee terminates employment or is reassigned, the SSEC/STR will ensure that a Termination Briefing by SRNS is given and the appropriate forms are executed. Briefing materials and appropriate forms are provided by SRNS.

G.7 UNCLASSIFIED CONTROLLED NUCLEAR INFORMATION (UCNI)

In the performance of this order, the Supplier is responsible for complying with the following requirements and for flowing down all requirements to lower-tier suppliers.

- A. The Supplier ensures that access to UCNI is provided to only those individuals authorized for routing or special access (see DOE M 471.1-1, Chapter II). Supplier may provide access to material or data containing Unclassified Controlled Nuclear Information (UCNI) utilized in the performance of this Order only to employees who are citizens of the United States.
- B. The Supplier ensures that matter identified as UCNI is protected in accordance with the instructions contained in DOE M 471.1-1, Chapter II. Any material or data containing UCNI which is

stored on computer systems must be protected, and the protective measures and/or policies must be specified in a Computer Protection Plan approved by the SRNS Computer Security organization. Adherence to the Plan is required during the performance of this Order.

- C. Material or data containing UCNI shall be disposed of in a manner as described in DOE M 471.1-1, Chapter II. At a minimum, UCNI matter must be destroyed by using strip cut shredders that result in particles of no more than 1/4-inch wide strips. Documents containing UCNI may also be disposed of in the same manner that is authorized for Supplier disposition of other classified material or data. If the above disposal methods are not available to the Supplier, the Supplier may return the UCNI matter to the STR for disposition, with the prior approval of the STR.
- D. The supplier shall report to the SRNS Security Office or the SRNS Purchasing Representative any incidents involving the unauthorized disclosure of UCNI.
- E. If performance of work under this order results in the generation of unclassified documents that contain UCNI, the Supplier shall have a sufficient number of trained UCNI review personnel to ensure the prompt and proper review of generated material or data to provide for the identification, marking, and proper handling of material or data determined to contain UCNI. The suppliers Reviewing Officials shall apply or authorize the application of UCNI markings to any unclassified matter that contains UCNI in accordance with the instructions contained in DOE M 471.1-1, Chapter I, Part C.
- F. If the supplier has a formally designated Classification Officer, the Classification Officer-
 - (1) Serves as a Reviewing Official for information under his/her cognizance;
 - (2) Trains and designates other Reviewing Officials in his/her organization, subordinate organizations, and lower-tier suppliers and maintains a current list of all Reviewing Officials; and
 - (3) May overrule UCNI determinations made by Reviewing Officials under his/her cognizance.
- G. If the supplier has no formally designated Classification Officer, the supplier submits a request for the designation of Reviewing Officials to the local Federal Classification Officer in accordance with the instructions contained in DOE M 471.1-1, Chapter I, Part B.

G.8 SCIENTIFIC AND TECHNICAL INFORMATION

- A. Electronic submissions of technical reports will consist of two virus-free copies that are readable in the following formats:
 - (1) Text will be submitted in native software (that is compatible with the suite of document creation software currently used at SRS) (fonts identified) or in RTF (rich text format).
 - (2) Embedded objects and files that are linked to a document must be supplied as well, as follows:
 - (i) Raster images (for example, photographs) will be submitted as TIFF or EPS @ resolution>100 dpi.
 - (ii) Vector art (for example, line art) will be submitted as EPS images.
 - (iii) Data-driven displays (e.g., spreadsheet charts) must be accompanied by data set used to generate them.

G.9 AUTHORIZATION AND CONSENT

(When this Article is invoked in the Subcontract, the "Authorizaation and Consent" Article included in Section E by reference (FAR 52.227-1) is deleted.)

- A. The Government authorizes and consents to all use and manufacture of any invention described in and covered by a United States patent in the performance of this Subcontract or any subcontract at any tier.
- B. The Subcontractor shall include this article in all subcontracts at any tier for research and development activities expected to exceed \$100,000.

G.10 COUNTERINTELLIGENCE

- A. The Subcontractor shall take all reasonable precautions in the work under this subcontract to protect SRNS/DOE programs, facilities, technology, personnel, unclassified sensitive information and classified matter from foreign intelligence threats and activities conducted for governmental or industrial purposes, in accordance with DOE Order 475-1, Counterintelligence Program; Executive Order 12333, U.S. Intelligence Activities; and other pertinent national and Departmental Counterintelligence requirements.
- B. The Subcontractor shall comply with requirements established by the SR Counterintelligence Officer. The SR Counterintelligence Officer will be responsible for conducting defensive Counterintelligence briefings and debriefings of Contractor employees traveling to foreign countries or interacting with foreign nationals. The Contractor shall be responsible for requesting defensive Counterintelligence briefings and

debriefings of Contractor employees who have traveled to foreign countries or interacted with foreign nationals. The contractor shall coordinate Counterintelligence Awareness training activities with the SR Counterintelligence Officer. The Contractor shall immediately report targeting, suspicious activity and other Counterintelligence concerns to the SR Counterintelligence Officer; and provide assistance to other elements of the U.S. Intelligence Community as stated in the aforementioned Executive Order, the DOE Counterintelligence Order, and other pertinent national and Departmental Counterintelligence requirements.

G.11 NON-PROLIFERATION

If any item(s) provided under this Order are foreign made and will require importation into the United States to fulfill the requirements under this Order, the Supplier represents that delivery of such items will not violate any non-proliferation laws, rules or regulations of the country or countries from which the materials are to be exported.

G.12 CHANGES, EXTRAS AND SUBSTITUTIONS - (SUPPLEMENT)

NOTE: Inclusion of this Article supplements Article A.4, Changes.

- A. In the event of an emergency which SRNS determines endangers life or property, SRNS may use oral orders to Subcontractor for any work required by reason of such emergency. Subcontractor shall commence and complete such emergency work as directed by SRNS. Such orders will be confirmed by Change Notice.
- B. Pricing of Adjustments
When costs are a factor in any determination of an Order adjustment pursuant to the General Provision titled "Changes", or any other provision of this Order, such costs, upward or downward, shall be submitted by Subcontractor in the form of a lump sum proposal. The proposal shall include an itemized breakdown of all increases or decreases in at least the following detail:

(1) Direct Labor.

- (i) Charges for labor furnished and used by Subcontractor shall be allowable for all manual classifications up to and including foremen. Charges shall not be included for superintendents, assistant superintendents, general foreman, surveyors, office personnel, timekeepers, an maintenance mechanics; these cost are recovered in the overhead and profit rates established by this Article. Labor rates used to calculate the costs shall be those

rates in effect during accomplishment of the changes.

- (ii) Direct labor costs shall include, in addition to direct payroll costs, payroll taxes, insurance, vacation allowance, subsistence, travel time, overtime premium and any other payroll additives required to be paid by Subcontractor by law or labor agreement(s), e.g. Project Agreement, collective bargaining agreement(s), etc. Copies of certified pertinent payrolls shall be submitted to SRNS.
- (2) Equipment.
- (i) Charges shall be allowable for the rental and operation of all Subcontractor's equipment furnished and used by Subcontractor, except for equipment or tools with a new cost at point of origin of Five Hundred Dollars or less each, which are deemed to be covered in the overhead and profit rates established by this Article.
- (ii) For Subcontractor -owned equipment, reasonable equipment charges shall be allowed in accordance with the following:
- (a) Rental rates as agreed upon in the Order; or
- (b) Rental rates not greater than seventy percent (70%) of Data Quest Blue Book daily rental rates applicable for the period of performance of the change; and
- (c) Appropriately discounted to stand-by rates for idle time reasonably required.
- (iii) When the operated use of equipment is infrequent and, as determined by SRNS, such equipment need not remain at the work site continuously, charges shall be limited to actual hours of use. Equipment not operating but retained at the location of changes at SRNS's direction shall be charged at the standby rate.
- (iv) For Rental Equipment not owned by Subcontractor, charges will be computed on the basis of actual invoice cost.
- (v) For the cost of both rented and owned to be allowable, Subcontractor must justify and SRNS agree that the individual pieces of equipment are needed, are appropriate for the work, and that the mobilization costs are allocable to the change.
- (3) Materials
Approved incurred costs for material incorporated into the changed Work or required for temporary facilities made

necessary by the change shall be allowable at net cost delivered to the Jobsite.

(4) Overhead, Profit and All Other Costs

- (i) Overhead, profit and markup percentages included in the proposal, shall include, but not be limited to, insurance, use of small tools, incidental job burdens, and general home and field office expense. No percentages for overhead, profit or lower-tier markup will be allowed on employment taxes under FICA and FUTA.
- (ii) The percentages for overhead and profit will be negotiated and may vary according to the nature, extent and complexity of the Work involved. The maximum percentage for the overhead, profit and markup shall not exceed those shown below.
- (iii) For work subcontracted to a lower-tier by Subcontractor, the proposal submitted to SRNS shall only include one overhead percentage and one profit percentage in addition to Subcontractor's markup. No more than these three percentages will be allowed regardless of the number of tiers of Subcontractors. The lower-tier's percentage of overhead and profit shall not exceed those shown below.

<u>Subcontracted Work</u>	<u>Overhead</u>	<u>Profit</u>	<u>Markup</u>
\$1 to \$19,999	0%	0%	8.0%
\$20,000 to \$49,999	0%	0%	5.5%
\$50,000 and above	0%	0%	2.0%
<u>Direct Hire Work:</u>	<u>Overhead</u>	<u>Profit</u>	<u>Markup</u>
\$1 to \$19,999	10.0%	10.0%	0%
\$20,000 to \$49,999	7.5%	7.5%	0%
\$50,000 and above	6.75%	6.75%	0%

G.13 RIGHT OF FIRST REFUSAL OF EMPLOYMENT

The scope of work described herein as currently being performed by Buyer (SRNS/BSRI) employees and award of an order may displace these workers. Consistent with section 3161 of the National Defense Authorization Act (PL 102-484), if the Seller needs to hire additional employees beyond those already part of its existing work force as of the date of this solicitation in order to satisfy the performance requirements set forth by the scope of work in this solicitation, the Seller must first consider the employment of qualified displaced DOE contractor employees who meet the 3161 Job Attachment Test prior to using other avenues to fill that employment need. At the time of award of the Order, the Buyer shall make available to the Seller a list of displaced employees with sufficient information to allow for contact. This requirement shall be included

in the resultant Order and be in effect from the date of award of the Order.

G.14 COPYRIGHTS FOR SRNS DIRECTED TECHNICAL PERFORMANCE

Subcontractor shall cause its employee(s) to assign to SRNS all rights under the copyright in all works of authorship prepared at the direction of SRNS during the term of this Order. Subcontractor shall include terms in its arrangements with its employee(s) to require such assignments to SRNS. To the extent that such works of authorship are considered to be works made for hire for Subcontractor, Subcontractor agrees to assign and does hereby assign all of its rights under the copyrights in such works to SRNS or the U. S. Government.

(This Purchase Order incorporates the Clauses identified below by reference, with the same force and effect as if they were given in full text. Upon request, SRNS will make their full text available. Reference Article A.40, "Supplemental Definitions for FAR and DEAR Clauses Incorporated by Reference".)

***G.15 CLASSIFICATION/ DECLASSIFICATION (SEP 1997)**

DEAR 952.204-70

***G.16 FILING OF PATENT APPLICATIONS- CLASSIFIED SUBJECT MATTER (APR 1984)**

FAR 52.227-10

***G.17 PATENT RIGHTS - ACQUISITION BY THE GOVERNMENT (SEP 1997)**

DEAR 952.227-13

***G.18 PATENT RIGHTS - RETENTION BY THE CONTRACTOR (SHORT FORM) (FEB 1995)**

DEAR 952,227-11

***G.19 RIGHTS IN DATA – GENERAL (JUN 1987)**

FAR 52.227-14, as modified pursuant to DEAR 927.409(a) (1)

***G.20 RIGHTS IN DATA - ALTERNATE II (JUN 1987)**

FAR 52.227-14, as modified pursuant to DEAR 927.409(a) (1)

***G.21 RIGHTS IN DATA - ALTERNATE III (JUN 1987)**

FAR 52.227-14, as modified pursuant to DEAR 927.409(a) (1)

***G.22 ADDITIONAL DATA REQUIREMENTS
(JUN 1987)**

FAR 52.227-16

***G.23 ORGANIZATIONAL CONFLICTS OF
INTEREST (JUN 1997) ALTERNATE I**

DEAR 952.209-72

***G.24 SERVICE CONTRACT ACT OF 1965 AS
AMENDED (NOV 2007)**

FAR 52.222-41

***G.25 STATEMENT OF EQUIVALENT RATES
FOR FEDERAL HIRES (MAY 1989)**

FAR 52.222-42

***G.26 RESERVED**

***G.27 COST ACCOUNTING STANDARDS (CAS)
(APR 1998)**

FAR 52.230-2

***G.28 ADMINISTRATION OF COST
ACCOUNTING STANDARDS (APR 2005)**

FAR 52.230-6

***G.29 DISCLOSURE AND CONSISTENCY OF
COST ACCOUNTING PRACTICES (APR
1998)**

FAR 52.230-3

***G.30 PRIVACY ACT (APR 1984)**

FAR 52.224-1 and 52.224-2

***G.31 DUTY-FREE ENTRY (FEB 2000)**

FAR 52.225-8

***G.32 PREFERENCE FOR U.S.-FLAG AIR
CARRIERS (JUN 2003)**

FAR 52.247-63

***G.33 ACQUISITION OF REAL PROPERTY
(APR 1984)**

DEAR 952.217-70

***G.34 RESERVED**

***G.35 FIRST ARTICLE APPROVAL - TESTING
(SEP 1989)**

FAR 52.209-4

***G.36 PRINTING (DEC 2000)**

DEAR 970.5208-1

***G.37 PRICE REDUCTION FOR DEFECTIVE
COST OR PRICING DATA (OCT 1997)**

FAR 52.215-10

***G.38 PRICE REDUCTION FOR DEFECTIVE
COST OR PRICING DATA--
MODIFICATIONS (OCT 1997)**

FAR 52.215-11

***G.39 STATE OF NEW MEXICO GROSS
RECEIPTS AND COMPENSATING TAX
(APR 2003)**

FAR 52.229-10 as modified by DEAR 970.2904-1

***G.40 RESEARCH MISCONDUCT (JUL 2005)**

DEAR 952.235-71

***G.41 REQUIRED SOURCES FOR HELIUM AND
HELIUM USAGE DATA (APR 2002)**

FAR 52.208-8