

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1 3

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

BPA NO.

1. DATE OF ORDER APR 21 2013		2. CONTRACT NO. (If any) NRC-HQ-13-C-03-0039		6. SHIP TO.	
3. ORDER NO. NRC-HQ-13-T-03-0001		4. REQUISITION/REFERENCE NO. NRR-13-121		a. NAME OF CONSIGNEE U.S. Nuclear Regulatory Commission	
5. ISSUING OFFICE (Address correspondence to) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Aracelis Perez-Ortiz Mail Stop: TWB-01-B10M Washington, DC 20555				b. STREET ADDRESS U.S. Nuclear Regulatory Commission Div. of Contracts Mail stop: TWB-01-B10M	
		c. CITY Washington	d. STATE DC	e. ZIP CODE 20555	
7. TO.				f. SHIP VIA	
a. NAME OF CONTRACTOR MEGA-TECH SERVICES, LLC				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY	
c. STREET ADDRESS 11118 MANOR VIEW DR				REFERENCE YOUR _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
d. CITY MECHANICSVILLE		e. STATE VA	f. ZIP CODE 231165857		
9. ACCOUNTING AND APPROPRIATION DATA B&R: 2013-X0200-20-11-4-212 JC: J4672 BOC: 252A AppNo: 31X0200 FAIMIS: 131730 NAICS: 541690 PSC: R425 OBLIGATES: \$300,000.00				10. REQUISITIONING OFFICE NRR	
11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input checked="" type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input checked="" type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB					12. F.O.B. POINT N/A
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
a. INSPECTION	b. ACCEPTANCE			16. DISCOUNT TERMS N/A	

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	<p>The U.S. Nuclear Regulatory Commission hereby issues this task order entitled: "Technical Assistance to Review Integrated Plans to Ensure Compliance with Order EA-12-049 and Order EA-13-051" to Mega-Tech Services, LLC. The contractor shall provide the services per the attached Performance Work Statement (PWS).</p> <p>Contractor POC: John Bowen; 804-789-1577; jbowen@megatechservices.biz</p> <p>Ceiling: \$1,009,574.31 Obligations: \$300,000.00</p>					

18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.	
21. MAIL INVOICE TO:					
a. NAME Department of Interior / NBC NRCPayments_NBCDenver@NBC.gov					
b. STREET ADDRESS (or P.O. Box) Attn: Fiscal Services Branch - D2770 7301 W. Mansfield Avenue				PHONE: FAX:	
c. CITY Denver		d. STATE CO	e. ZIP CODE 80235-2230		
22. UNITED STATES OF AMERICA BY (Signature) <i>Aracelis M. Rodriguez</i>				23. NAME (Typed) Adelis M. Rodriguez, Contracting Officer TITLE: CONTRACTING/ORDERING OFFICER	

TEMPLATE ADM001

SUNSI REVIEW COMPLETE

MAY 07 2013

ADM002

OPTIONAL FORM NO. 37 (REV. 2/2012)
GSA FPMR (41 CFR) 101-11.6, FAR 48 CFR 53.213(f)

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Attachments:

- 1) Performance Work Statement**
- 2) Task Order 1: Project Estimated Spending Plan**

DELIVERY ORDER TERMS AND CONDITIONS NOT SPECIFIED IN THE CONTRACT**A.1 BRIEF PROJECT TITLE AND WORK DESCRIPTION (AUG 2011)**

(a) The title of this project is: "Technical Assistance to Review Integrated Plans to Ensure Compliance with Order EA-12-049 and Order EA-12-051"

(b) Summary work description:

The Contractor shall provide Professional, Administrative and Management Support Services to assist the NRC staff to Review Integrated Plans to Ensure Compliance with Order EA-12-049 and Order EA-12-051 per the attached performance work statement (PWS).

A.2 PRICE/COST SCHEDULE

DESCRIPTION	ESTIMATED QUANTITY	ESTIMATED UNIT	ESTIMATED PRICE
Labor		hours	
Travel - All travel must be in compliance with US Federal Travel Regulations (FTR).		lot	
ODC's (5% Fee on actual Travel Costs)		lot	
TOTAL			\$1,009,574.31

A.3 CONSIDERATION AND OBLIGATION--TASK ORDERS (AUG 2011)

(a) The ceiling of this order for services is **\$1,009,574.31**.

(b) The contract includes direct labor hours at specified fixed hourly rates, inclusive of wages, fringe, overhead, general and administrative expenses, and profit.

(c) The amount presently obligated with respect to this order is **\$300,000.00**. The obligated amount shall, at no time, exceed the order ceiling as specified in paragraph (a) above. When and if the amount(s) paid and payable to the Contractor hereunder shall equal the obligated amount, the Contractor shall not be obligated to continue performance of the work unless and until the Contracting Officer shall increase the amount obligated with respect to this order, in accordance with FAR Part 43 - Modifications. Any work undertaken by the Contractor in excess of the obligated amount specified above is done so at the Contractor's sole risk and may not be reimbursed by the Government.

(d) The Contractor shall comply with the provisions of FAR 52.232-22 - Limitation of Funds, for incrementally-funded delivery orders or task orders.

A.4 TASK/DELIVERY ORDER PERIOD OF PERFORMANCE (AUG 2011)

This order shall commence on **date of award** and will expire 60 months from date of award.

A.5 CONTRACTOR ACCEPTANCE OF TASK ORDER NRC-HQ-13-T-03-0001

Acceptance of Task Order No. NRC-HQ-13-T-03-0001 should be made by having an official, authorized to bind your organization, execute two copies of this document in the space provided and return one copy to the Contracting Officer. You should retain the other copy for your records.

Accepted Task Order No. NRC-HQ-13-T-03-0001:



Deanna R. Bowen
Name

President
Title

April 21, 2013
Date



PERFORMANCE WORK STATEMENT

PERFORMANCE WORK STATEMENT (PWS)

Task Order 1, under J-4672

Project Title: Technical Assistance to Review Integrated Plans to ensure Compliance with Order EA-12-049 and Order EA-12-051.

Job Code: JCN4672

Task Area: R - Professional, Administrative and Management Support Services; 541690- Other Scientific and Technical Consulting Services

NRC CO: Matthew Bucher

Fee Recoverable: Yes

TAC Numbers: ME7950 (Order EA-12-049), ME7952 (Order EA-12-051)

Type of Contract/Order: Indefinite Quantity- Indefinite Delivery (IDIQ)



PERFORMANCE WORK STATEMENT

PERFORMANCE WORK STATEMENT (PWS)**PART 1
GENERAL INFORMATION****1.1 Title of Project**

Technical Assistance to Review Integrated Plans to ensure Compliance with Order EA-12-049 and Order EA-12-051.

1.2 Introduction

Following the events at Fukushima Dai-ichi Nuclear Power Station, the NRC issued an Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events, EA-12-049. This Order requires the development, implementation and maintenance of mitigating strategies. Additionally, an Order To Modify Licenses with Regard to Reliable Spent Fuel Pool Instrumentation, EA-12-051, was issued to require installation of spent fuel pool (SFP) wide-range level indication.

The Contractor shall provide all personnel, equipment, supplies, facilities, transportation, tools, materials, supervision, and other items and non-personal services necessary to perform technical services as defined in this PWS. The Contractor shall perform to the standards in this contract.

1.3 Background

On June 7, 2012, the NRC published a notice of availability for public comment for the draft guidance for Order EA-12-049 in the Federal Register, 77 FR 33779. The draft guidance, Japan Lessons-Learned Project Directorate Interim Staff Guidance (JLD-ISG-2012-01), "Compliance with Order EA-12-049, Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events," Agency-wide Documents Access and Management System (ADAMS) Accession no. ML12146A014, proposed to endorse with exceptions the industry guidance of Nuclear Energy Institute document (NEI) 12-06, "Diverse and Flexible Coping Strategies (FLEX) Implementation Guide," Revision B1, ADAMS Accession no. ML12143A232.

On June 7, 2012, the NRC also published a notice of availability for public comment for the draft guidance for Order EA-12-051 in the Federal Register, 77 FR 33780. The draft guidance, Japan Lessons-Learned Project Directorate Interim Staff Guidance (JLD-ISG-2012-03), "Compliance with Order EA-12-051, Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation," ADAMS Accession No. ML12144A323, proposed to endorse, with exceptions, the industry guidance of NEI 12-02, "Industry Guidance for Compliance with NRC Order EA-12-051, 'To Modify Licenses with Regard to Reliable Spent Fuel Pool Instrumentation,'" Revision B, ADAMS Accession No. ML12135A414.

On August 31, 2012, after considering the comments provided by stakeholders, the NRC issued the final JLD-ISG-2012-01, ADAMS Accession No. ML12229A174, endorsing a revised version of NEI 12-06, Revision 0, ADAMS Accession No. ML12242A378. The final JLD-ISG-2012-03 for Order EA-12-051 was issued on August 31, 2012 and can be found at ADAMS Accession No. ML12221A339, endorsing, with exceptions, a revised version of NEI 12-02, Revision 1, ADAMS Accession No. ML12240A307.

1.4 Objective

The objective of this contract is to obtain technical expertise, to assist the staff in evaluation of overall integrated plans and development of safety evaluations.



PERFORMANCE WORK STATEMENT

1.5 Scope of Work

The Contractor shall provide Professional, Administrative and Management Support Services to assist the NRC staff. The Contractor's services shall include evaluation of overall integrated plans and input for the development of safety evaluations developed pursuant to Order EA-12-049 and EA-212-051 to determine compliance with these Orders. The Contractor shall attend kickoff meetings, evaluate licensee overall integration plans, provide input for the Safety Evaluations write ups (both draft and final), write and evaluate licensee responses to Requests for Additional Information and evaluate licensee alternative approaches to the Orders.

1.5.1 Tasks

Task 1: Technical Coordination/Kick-off Meeting:

The Contractor shall participate in a kickoff meeting which will prepare the Contractor for the review and analysis activities of the contract. The kickoff is anticipated to occur within two weeks after award of the contract. The meeting will be held at NRC Headquarters in Rockville, Maryland and will last a maximum of 5 days. The first day will cover information concerning both Orders. The meeting will provide training and guidance on the NRC desired review and analysis activities (contract tasks), deliverables, communication protocols, technical consultation with appropriate NRC staff, handling sensitive unclassified information, NRC badge requirements, standards for safety evaluation review and requests for additional information, inspection report writing and formatting, Microsoft requirements etc. The following four days will be detailed training and technical meetings to prepare the Contractor concerning Order EA-12-051 covering information related to this section of the PWS.

Task 2: Review of Integrated Plans:

- A. **Evaluation of plans, draft requests for additional information for Order EA-12-049:** This task shall be performed during the five business days after receipt of each licensee overall integration plan to the contractor. The Contractor shall evaluate each overall integrated plan for conformance with the guidance of JLD-ISG-2012-01 to aid in the development of SE's. The Contractor shall identify any instances where additional information from the licensee is needed in order to determine that the licensee's strategies and guidance under development will conform to JLD-ISG-2012-01. The Contractor shall draft proposed requests for this additional information required from the licensee, for review and approval by NRC staff. The draft written RAIs shall be provided to the NRC staff, which will be responsible for issuance of the RAIs to each licensee.
- B. **Evaluation of plans, draft requests for additional information for Order EA-12-051:** This task shall be performed during the five business days after receipt of each licensee overall integration plan to the contractor. The Contractor shall evaluate each overall integrated plan for conformance with the guidance of JLD-ISG-2012-03 to aid in the development of SE's. The Contractor shall identify any instances where additional information is necessary in order to determine that the licensee's plan for installation of enhanced spent fuel pool instrumentation will conform to JLD-ISG-2012-03. The Contractor shall draft proposed requests for this additional information required from the licensee, for review and approval by NRC staff. The draft written RAIs shall be provided to the NRC staff, which will be responsible for issuance of the RAIs to each licensee.
- C. **Identification of alternative approaches for Order EA-12-049:** This task shall be performed during the five business days after receipt of each licensee overall integration plan to the contractor. The Contractor shall identify any proposed alternative approaches to Order EA-12-049 in the overall integrated plan to the NRC staff and provide a recommendation along with a technical basis for whether the proposed alternative



PERFORMANCE WORK STATEMENT

approach should be considered for acceptance by NRC as providing reasonable assurance of compliance with Order EA-12-049.

- D. Identification of alternative approaches for Order EA-12-051:** This task shall be performed during the five business days after receipt of each licensee overall integration plan to the contractor. The Contractor shall identify any proposed alternative approaches in the overall integrated plan to the NRC staff and provide a recommendation along with a technical basis for whether the proposed alternative approach should be considered for acceptance by NRC as providing reasonable assurance of compliance with Order EA-12-051.
- E. Evaluation of RAI responses for Order EA-12-049:** The Contractor shall evaluate the responses to requests for additional information to aid in determining whether the licensee's strategies and guidance under development will conform to JLD-ISG-2012-01.
- F. Evaluation of RAI responses for Order EA-12-051:** The Contractor shall evaluate the responses to requests for additional information to aid in determining whether the licensee's strategies and guidance under development will conform to JLD-ISG-2012-03.
- G. Draft SE input preparation for Order EA-12-049:** The Contractor shall use the results of the above evaluations to draft proposed SEs on licensees' strategies and guidance responsive to the Order for consideration by NRC staff. SE's are to be developed on a site basis, covering all power reactors at a particular site. The Contractor shall identify open items (ex. pending RAI responses from applicant, or incomplete information) in the SE's for verification through site specific inspection or by licensee modification of the integrated plans for consideration and approval by NRC staff. An amended SE document is due five days after a RAI response evaluation has been completed, dependent upon the adequacy of the licensee's response.
- H. Draft SE input preparation for Order EA-12-051:** The Contractor shall collect the results of the evaluations to draft proposed SE's on licensees' strategies and guidance responsive to the Order for consideration by NRC staff. SE's are to be developed on a site basis, covering all power reactors at a particular site. The Contractor shall identify open items in the SEs for verification through site specific inspection or by licensee modification of the integrated plans for consideration and approval by NRC staff. An amended SE document is due five days after a RAI response evaluation has been completed, dependent upon the adequacy of the licensee's response.

Task 3: Final Safety Evaluation Input for Both Orders

The Contractor shall document input for the final SE's based on the licensees' integrated plans, modifications submitted by licensees, and actions and information obtained during site specific inspections to close prior open items and document the methodology used by licensees to comply with the Order. The contractor shall provide their input to the NRC staff for consideration.

1.6 Performance Requirements

1.6.1 Services/Deliverables

The following are a list of services/deliverables for this task order;

- Kickoff meeting attendance
- Draft Requests for Additional Information



PERFORMANCE WORK STATEMENT

- Draft document of Alternative Approaches
- Draft Safety Evaluation with Open RAIs
- Draft Safety Evaluation with Closed RAIs
- Final Safety Evaluation
- Monthly letter status reports

The Contractor shall provide submittal documents under this Scope of Work prepared in Microsoft® Office Word 2007 or compatible format and submitted electronically to the CORs with a copy provided to the NRC Project Manager. The transmittal letter and cover page shall contain the contract number, the job code number (JCN), task number, NRC technical assignment control (TAC) number, the Order no. for the submittal, the facility name and the docket number. All delivery dates, in days, are business days. (Note: Business days are Monday through Friday, excluding Federal Holidays.)

These services/deliverables are listed in the Performance Requirements Summary (PRS) – Technical Exhibit 1, Part 3 of the PWS, Section 3.1.1.

1.6.2 Performance Standards

The Contractor shall comply with all directions issued by the NRC regarding the drafting, creation, corrections, changes, editing, maintaining, protecting, release and return of any data, information or reports created in the performance of this SOW. The reports, data and related documents will be considered draft until approved by the NRC. The NRC will provide comment within 2 weeks (10 business days) of receipt of draft materials. The contractor will then finalize the reports, data and related documents within 2 weeks (10 business days) and resubmit for review and comment. No reports, data or documents will be released or published to the licensee or other entities by the contractor, without prior approval from the NRC. Communication and document transmittal with the licensee will be processed by the NRC.

Additionally, the standards for performance shall be qualified during the kickoff training after award and consistent with the references found in Section 1.3 of this PWS. Further definition concerning performance standards can be found in the Performance Requirements Summary (PRS) – Technical Exhibit 1, Part 3 of the PWS, Section 3.1.1.

1.6.3 Acceptable Quality Level (AQL)

The Acceptable Quality Level (AQL) for each key service/deliverable and its related performance standard may be found in the Performance Requirements Summary (PRS) – Technical Exhibit 1, Part 3 of the PWS, Section 3.1.1.

1.6.4 Government Surveillance

The Government Surveillance measure for each key service/deliverable may be found in the Performance Requirements Summary (PRS) – Technical Exhibit 1, Part 3 of the PWS, Section 3.1.1.

Summary (PRS) – Technical Exhibit 1, Part 3 of the PWS, Section 3.1.1.

1.7 Performance Requirements Summary (PRS)

The Performance Work Statement's Performance Requirements Summary (PRS) table which includes tasks (requirements), key deliverables, performance standards, acceptable quality levels (AQL), method(s) of Government surveillance, and positive and/or negative performance incentives, is delineated in Technical Exhibit 1, Part 3 of the PWS, Section 3.1.1.



PERFORMANCE WORK STATEMENT

1.8 Quality Assurance Surveillance Plan (QASP)

The Government will evaluate the contractor's performance under this contract using the method(s) of surveillance in accordance with the Quality Assurance Surveillance Plan (QASP) included in Technical Exhibit 4, Part 3 of the PWS, Section 3.1.4. All surveillance performance observations will be recorded by the Government. When an observation indicates defective performance, the COR will obtain the contractor's representative's initials on the record of the observation.

1.9 Quality Control (QC)

The Contractor's Quality Control Plan (QCP) is to be delivered with the Contractor's proposal. The contractor shall develop and maintain a complete QCP to ensure that the requirements of the contract are performed in accordance with this PWS. The QCP shall describe the methods for identifying, preventing, and ensuring any defective services are corrected before the level of performance becomes unacceptable. The contractor's QCP shall address the areas identified in Technical Exhibit 1, "Performance Requirements Summary." One copy of the contractor's QCP shall be provided to the COR at the time its proposal is submitted.

After acceptance of the QCP the Contractor shall receive the COR acceptance in writing of any proposed changes to its plan. During contract execution, any revision to the Contractor's QCP shall be submitted to the NRC with 3 copies to the CO and Contracting Officer's Representative (COR) within 5 working days after a revision change has been made.

1.10 Remedies for Non-Performance

Performance standards concerning performance threshold acceptable quality levels are documented in Technical Exhibit 1, Part 3 of the PWS, Section 3.1.1.

For products or services that are rejected, the contractor shall follow Federal Acquisition Requirement (FAR) 52.212-4, "Contract Terms and Conditions-Commercial Items" for a contractor's failure to perform satisfactory services or failure to correct non-conforming services.

1.11 Milestone Reviews

Documents or RAIs that are generated shall be uniquely identified, if necessary, utilizing docket numbers as described below.

1. Preliminary Verbal or Written Conclusions of the Evaluation, Conclusions are due throughout the course of the evaluation to support tasks 2 and 3 using email, telephone, weekly teleconferences and monthly reports, as appropriate. All correspondence shall be addressed to the NRC COR, John Klos and the NRC TAPM, April Bucher. An initial conclusion for each licensee submittal will be submitted verbally, or in written form, five business days after task 2 begins for each overall integration plans received by the contractor for review.
2. Draft Requests for Additional Information, for applicable licensees are due eight business days after the receipt of an overall integration plan for review and shall be documented weekly as part of the weekly teleconference. Evaluation of RAIs for both Orders shall be completed 3 business days after receipt of each licensee response.



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An RAI data list shall be created using an Excel spreadsheet with a separate tab for each Site Name. RAI numbered shall be "Order no-Site Name – docket no. (if required for a unit specific RAI)- RAI generation number."

Example: RAI 049-Beaver Valley-50-334-1 (RAI for Mitigating Strategies Order, Beaver Valley Power Station, Unit-Specific RAI for Unit One Docket No. 50-334- 1st represents the first RAI in the sequence of RAIs).

Note: A generic site non-unit RAI for the Mitigating Strategies Order concerning the Beaver Valley Site would be numbered as RAI 049-Beaver Valley-1.

3. Draft Technical Basis for Acceptability of Alternative Approaches (AA) for applicable licensees is due eight business days after receipt of each overall integration plan for review. These documents are listed in an Excel spreadsheet and submitted weekly as part of the weekly teleconference.

The AA document list shall be an Excel spreadsheet with a separate tab for each Site Name. AA document numbered shall be "Order no.-Site Name–docket no. (if required for a unit specific RAI)- RAI generation number."

Example: AA 049-Beaver Valley-50-334-1 (AA for Mitigating Strategies Order, Beaver Valley Power Station, for Unit One Docket No. 50-334 - 1st represents the first AA in the sequence of AA documents created).

Note: A generic site AA, non-unit specific for the Mitigating Strategies Order concerning Beaver Valley Power Station would be AA 049-Beaver Valley-1.

4. Draft Safety Evaluations, identifying open items document (cited as SED-049-Beaver Valley, Safety Evaluation Draft, Order EA-12-049, Beaver Valley Power Station,) for applicable licensees is due ten business days after receipt of each licensee overall integration plan with open RAIs embedded. An amended SE document is due five days after a RAI response evaluation has been completed, dependent upon licensee responses.
5. Task 3, Final Safety Evaluations with Closed RAI Items and Final Documented Method of Compliance, (cited as SE-049- Beaver Valley, Safety Evaluation, Order EA-12-049, Beaver Valley Power Station) for applicable licensees is due five business days after completion of task 4, 5, 6 or 7 for each site inspection completed.

1.12 Reporting Format & Requirements

The contractor shall submit a Monthly Letter Status Report by the 15th of each month. The report shall provide the technical and financial status of the contract. This includes an itemization of hours spent by each labor category for each assigned task. The contractor shall submit the report electronically to the following: NRC Contracting Officer Representative (COR), John Klos and NRC TAPM, April Bucher. A hard copy of the report shall be mailed to the NRC Contracting Officer, Matthew Bucher. The format of this report is contained in Attachment 7.



PERFORMANCE WORK STATEMENT

The technical status section of the report shall contain a summary of the work performed under the Task order during the reporting period; milestones reached, or if missed, an explanation why; any problems or delays encountered or anticipated with recommendations for resolution; and planned work for the next reporting period.

The financial status section of the report shall include the total award amount and funds obligated to date; total costs incurred in the reporting period, and total cumulative costs incurred to date. The status shall also contain the balance of obligations remaining at the end of the period and balance of funds required to complete the Task order.

1.13 Publications

Any reports generated by the contractor under this contract/order shall not be released for publication or dissemination without NRC CO written approval.

All information and data related to this project that the contractor gathers or obtains shall be both protected from unauthorized release and considered the property of the Government. The contracting officer will be the sole authorized official to release verbally or in writing, any data, the draft deliverables, the final deliverables, or any other written or printed materials pertaining to this contract/order. Press releases, marketing material, or any other printed or electronic documentation related to this project, must not be publicized without the written approval of the contracting officer. (See NRCAR §2052.235-70, "Publication of research results")

1.14 Government-Furnished Property/Information

The Government will provide each licensee's overall integrated plans concerning each Order, and may, as applicable, provide non-public documents to the Contractor at kickoff to support contract training and orientation.

Disposition of GFP shall be in accordance with FAR 52.245-1, Government Property.

The following GFP will be provided to the contractor:

GFP Item	Quantity	Date Provided to Contractor	Method of Delivery
<i>Each licensee's overall integration plan for Order EA-12-049 and EA-212-051</i>	Up to 66	TBD	Email from NRC staff to Contractor's PM
Non-public training documents	TBD	TBD	TBD

1.15 Access to Government Property and Facilities

The contractor is permitted limited access to the Government's facilities, as required, during the kickoff meeting and Contractor training and orientation days.

1.16 Place of Performance

The work to be performed under this contract/order will be primarily performed at the Contractor's facility.

1.17 Post-Award Orientation (kickoff) or Periodic Progress Meetings:



PERFORMANCE WORK STATEMENT

The contractor agrees to attend any postaward conference convened by the contracting activity or contract administration office in accordance with FAR Subpart 42.5.

The NRC CO, NRC COR, and other Government personnel, as appropriate, may meet periodically with the contractor to review the contractor's performance. At these meetings the CO will apprise the contractor of how the government views the contractor's performance and the contractor will apprise the Government of problems, if any, being experienced. Appropriate action shall be taken to resolve outstanding issues. These meetings shall be at no additional cost to the Government.

Kickoff meeting. The contractor is required to meet within two weeks after award of the contract with the NRC staff at the beginning of contract/task order performance. Details and descriptions of this event may be found in Section 1.5 of the PWS (task 1).

Other meetings will be schedule as needed as discussed above. The contractor may request meetings whenever a discrepancy exists and no mutual resolution is apparent. The written minutes of these meetings shall be signed by the contractor's manager, NRC CO, and NRC COR. If the contractor does not concur with the minutes, he/she shall state any areas of non-concurrence within 10 days of receipt of the signed minutes.

1.18 Key Personnel:

The following personnel are considered key personnel by the Government: (See NRCAR 2052.215-70, "Key Personnel")

Qualifications for all key personnel are listed below:

Contractor's Project Manager: TBD

The Contractor shall provide a project manager who shall be responsible for the performance of the work. The name of this person and an alternate who shall act for the contractor when the manager is absent shall be designated in writing to the CO. The Project Manager or alternate shall have full authority to act for the Contractor on all contract/order matters relating to daily operation of this contract/order.

Qualifications of the contract/task order manager and alternate are listed below.

Contractor's Principal Engineers and Principal Scientists: TBD

The Contractor shall provide an appropriate number and staff of qualified Principal Engineers and Principal Scientists who shall be responsible for the performance of the work and the tasks assignments for this contract.

Qualifications of the Principal Engineers and Principal Scientists are listed below:

1.19 Key Personnel Qualification Requirements:

The Contractor's Principal engineers and Principal scientists shall have at least one year of experience in evaluating and inspecting the mitigating strategies and guidance for beyond-design-basis external events such as those developed for the loss of a large area of a plant due to explosions or fire under Section B.5.b of Order EA-02-026, made generically applicable as 10 CFR 50.54(hh)(2). The Contractor's Principal engineers or Principal scientists must



PERFORMANCE WORK STATEMENT

also have strong backgrounds in typical nuclear industry practices for maintenance, testing, inventory control and familiarity with NRC licensing and inspection processes, as described below.

In regards to Order EA-12-049, the Contractor's key personnel must have demonstrated experience in the following (to include but not limited to Principal Engineers and Principal Scientists);

1. Documented experience with the mitigating strategies pursuant to Order EA-02-026, the subsequent license conditions, or paragraph (hh)(2) of Title 10 of the *Code of Federal Regulations* (10 CFR) Section 50.54, "Conditions of licenses."
2. Experience in the evaluation of mitigating strategies, their development and implementation at a nuclear power plant including the assessment of related plant implementation, guidance documents.
3. Background and knowledge concerning; the differences between conformance of a design to "design basis" accident performance versus what performance could be expected when functioning under the occurrence of severe accident, and how severe accident environments, conditions could differ from design basis environments, conditions.
4. Skills and abilities to develop and execute management and tracking tools, and to use common Microsoft Office programs.
5. Developing and drafting Requests for Additional Information (RAI), audit/inspection reports, Safety Evaluation Reports, Letters, progress reports on any and all matters relevant to the industry's review and response to the Order.
6. Familiarity with the references found, as applicable, in Section 1.3 of this Performance Work Statement.

In regards to Order EA-12-051, the Contractor's key personnel must have demonstrated experience in the following (to include but not limited to Principal Engineers and Principal Scientists);

1. Instrumentation & Controls (I&C) design engineering and/or field, system engineering expertise. Specifically, this expertise should include knowledge of different types of level instruments, knowledge of Environmental Qualification parameters, impact of radiation on instrumentation and controls, and knowledge of, or the ability to quickly acquire knowledge of seismic requirements for instruments.
2. Knowledge of instrument installation, calibration, human factors, and instrumentation performance capabilities for nuclear power plants.
3. Knowledge of I&C standards and codes, including IEEE codes, and Code of Federal Regulations regulatory requirements, regulatory guidance (Regulatory Guides, NUREGS etc.) for nuclear power plants.
4. Skills and abilities to critically review and evaluate technical reports, and to read and use schematics and technical information.
5. Skills and abilities to develop and execute management and tracking tools, and to use common Microsoft Office programs



PERFORMANCE WORK STATEMENT

6. Developing and drafting Requests for Additional Information (RAI), audit/inspection reports, Safety Evaluation Reports, Letters, progress reports on any and all matters relevant to the industry's review and response to the Spent Fuel Pool Instrumentation Order.
7. Background and knowledge concerning; the differences between conformance of a design to "design basis" accident performance versus what performance could be expected when functioning under the occurrence of severe accident, and how severe accident environments, conditions could differ from design basis environments, conditions.
8. Familiarity with the references found, as applicable, in Section 1.3 of this Performance Work Statement.

1.20 Contractor Travel

Contractor will be authorized travel expenses consistent with the substantive provisions of the Federal Travel Regulation (FTR) and the limitation of funds specified in this contract/order. All travel requires written Government approval from the CO, unless otherwise delegated to the COR.

The following meetings and trips are anticipated under this contract:

1. One, 5-day trip to NRC Headquarters in Rockville, MD, for a kickoff and technical coordination meeting for the proposed engineers/technical specialists (task one).

For travel purposes, concerning the kickoff and orientation meeting above, a not to exceed amount for that event's cost is \$10,000 for all personnel (approximately 6 individuals) required to attend that meeting. During the proposal phase each bidder should propose pricing for that event against the proposed limit.

Travel will be reimbursed in accordance with FAR 31.205-46, "Travel costs" and the General Services Administration's Federal Travel Regulations at: <http://www.gsa.gov/portal/content/104790>



PERFORMANCE WORK STATEMENT

TECHINCIAL EXHIBIT 1

PERFORMANCE REQUIREMENTS SUMMARY (PRS)

The contractor requirements are summarized into performance objectives that relate directly to contract essential items. The performance threshold briefly describes the minimum acceptable levels of service required for each requirement. These thresholds are critical to contract success.

Required Task or Service	Deliverable	Performance Standard, AQL, and Method of Surveillance	Incentives/ Deduction
Attendance at kick-off meeting, Task 1	Participation at contract kick-off meeting	NRC COR will review during the event. Active participation in the kickoff and training activities with performance during the event in a professional manner.	Full payment for 100% compliance.
Provide draft Requests for Additional Information (RAIs), Task 2	RAI conforms to the guidance of NRR Office Instruction LIC-101, "License Amendment Review Procedures," and Management Directive (MD) 3.57, "Correspondence Management"	NRC COR will review with each document submittal. Items shall be submitted in proper format with minimal grammar and spelling errors (5 combined per document submission). Those determined to be incorrect will be corrected by the contractor. If not incorporated after initial identification by NRC, the contractor will add/correct at its own expense until accepted by the NRC COR. When 3 (three) document submittals remain incorrect after Contractor resubmittal this may indicate a need for retraining, or a Periodic Progress Meeting.	Full payment for 100% compliance.



PERFORMANCE WORK STATEMENT

Required Task or Service	Deliverable	Performance Standard, AQL, and Method of Surveillance	Incentives/ Deduction
Provide draft technical basis for acceptability of alternative approaches, Task 2	Memo conforms to the guidance of MD 3.57, "Correspondence Management"	<p>NRC COR will review with each document submittal.</p> <p>Items shall be submitted in proper format with minimal grammar and spelling errors (5 combined per document submission). Those determined to be incorrect will be corrected by the contractor. If not incorporated after initial identification by NRC, the contractor will add/correct at its own expense until accepted by the NRC COR.</p> <p>Where 3(three) document submittals are found still incorrect after Contractor resubmittal this may indicate a need for retraining, or a Periodic Progress Meeting.</p>	Full payment for 100% compliance.



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Required Task or Service	Deliverable	Performance Standard, AQL, and Method of Surveillance	Incentives/ Deduction
Monthly letter status report (MLSR), Task 2	MLSR documents technical and financial status of effort, including breakdown of costs and license fee recovery cost status report as described above.	<p>NRC COR will review with each document submittal prior to approval of any invoices.</p> <p>Items shall be submitted in proper format with minimal grammar and spelling errors (5 combined per document submission). Those determined to be incorrect will be corrected by the contractor. If not incorporated after initial identification by NRC, the contractor will add/correct at its own expense until accepted by the NRC COR.</p> <p>Where 3(three) document submittals are found still incorrect after Contractor resubmittal this may indicate a need for retraining, or a Periodic Progress Meeting.</p>	Full payment for 100% compliance.



PERFORMANCE WORK STATEMENT

Required Task or Service	Deliverable	Performance Standard, AQL, and Method of Surveillance	Incentives/ Deduction
Provide draft and final input to safety evaluations (SE's) for sites, Task 2,3	SE conforms to the guidance of NRR Office Instruction LIC-101, "License Amendment Review Procedures," and MD 3.57, "Correspondence Management"	<p>NRC COR will review with each document submittal.</p> <p>Items shall be submitted in proper format with minimal grammar and spelling errors (5 combined per document submission). Those determined to be incorrect will be corrected by the contractor. If not incorporated after initial identification by NRC, the contractor will add/correct at its own expense until accepted by the NRC COR.</p> <p>Where 3(three) document submittals are found still incorrect after Contractor resubmittal this may indicate a need for retraining, or a Periodic Progress Meeting.</p>	<p>Full payment for 100% compliance.</p> <p>A deduction of \$5,000 will be taken for delivery later than two weeks prior to the first scheduled outage of a licensed unit for a particular operating reactor site.</p>



PERFORMANCE WORK STATEMENT

TECHNICAL EXHIBIT 2

DELIVERABLES SCHEDULE

<u>Deliverable</u>	<u>Frequency</u>	<u># of Copies</u>	<u>Medium/Format</u>	<u>Submit To</u>
Evaluation of Overall Integration Plan (OIP), PWS paragraph 1.11.1	Due 5 business days after receipt of each OIP	One for each OIP reviewed by the Contractor	Submitted verbally or in written form	Submitted to NRC COR
Draft Request for Additional Information (RAI), PWS paragraph 1.11.2	Due 8 days after receipt of OIP	One document for each RAI generated	Document submitted electronically	Submitted to NRC COR, copy to NRC Project Manager
RAI database, PWS paragraph 1.11.2	Due 8 days after receipt of OIP and with each weekly teleconference	One spreadsheet with tabs for each Site Name	Excel spreadsheet	Submitted to NRC COR, copy NRC Project Manager
Draft Acceptability for Alternative Approaches, PWS paragraph 1.11.3	Due 8 days after receipt of OIP and with each weekly teleconference	One spreadsheet with tabs for each Site Name	Excel spreadsheet	Submitted to NRC COR, copy NRC Project Manager
Draft Safety Evaluation (SE), PWS paragraph 1.11.4	Due 10 days after receipt of OIP	One document for each Site Name	Document submitted electronically	Submitted to NRC COR, copy NRC Project Manager
Amended Safety Evaluation (SE), PWS paragraph 1.11.4	Due 5 days after an acceptable RAI licensee response is completed	One document for each Site Name upon closure of an RAI item	Document submitted electronically	Submitted to NRC COR, copy NRC Project Manager
Final Safety Evaluation (SE), PWS paragraph 1.11.5	Due 5 days after completion of a site specific inspection	One document for each Site Name	Document submitted electronically	Submitted to NRC COR, copy NRC Project Manager



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TECHNICAL EXHIBIT 3

ESTIMATED WORKLOAD DATA - ELIMINATED