APPENDIX “A”
TECHNICAL RESPONSE TEMPLATE

TECHNICAL VOLUME RESPONSE TEMPLATE

Offeror must complete each of the sections below regarding related experience, qualifications, capabilities, and personnel to be responsive to this request for proposal. Failure to complete each section shall disqualify OFFERORS unless the OFFEROR provides an acceptable exception in Section J.

This information provided in the OFFEROR’s responses to the sections below is for proposal evaluation purposes and will not be a part of the Subcontract. However, pertinent information from OFFEROR’S responses to the following sections will be included in Subcontract documents as necessary as determined by the BUYER.

The Technical Volume submittal shall include the following sections and attachments:

- Section A: Team Identification
- Section B: Technical Capability, Qualifications, and Experience
- Section C: Personnel Qualifications
- Section D: Project Organization and Staffing
- Section E: Safety and Health
- Section F: Quality Assurance
- Section G: Technical Data
- Section H: Zero Tolerance for Retaliation
- Section J: Technical Exceptions and Deviations

SECTION A – TEAM IDENTIFICATION

The purpose of this Blanket Master Agreement subcontract (BMA) is to furnish safe, compliant, cost-effective, fabrication, construction, and commissioning Work in support of the TOC. This Work shall be implemented in accordance the provisions of the Davis-Bacon Act (DBA) contained in the Act of July 2, 1964 (Public Law 88-349-78 Stat. 238-239), and the Department of Labor regulations in implementation thereof (29 CFR, Parts 1, 3, 5). This Subcontract applies performance-based contracting approaches; expects the OFFEROR to innovate and implement techniques that maximize performance efficiencies and deliver completion on schedule.

This BMA will have a period of performance of twelve (12) months. The scope of this BMA is to perform the Work to plan and execute Tank Farm and related facility upgrade and retrieval sub-projects, as necessary, to support safe, reliable, and compliant storage, and tank waste retrieval, staging, delivery, and treatment/disposal efforts.

Company Information:

Provide the following for the Lead Potential OFFEROR and each lower-tier team member or primary OFFEROR:

- Company Name:
- Scope/Role:
- Duns Number:
- Socio-economic Status:
- Address:
- Point of Contact:
- Title:
- Phone Number:
- Email Address:
APPENDIX “A”
TECHNICAL RESPONSE TEMPLATE

SECTION B - TECHNICAL CAPABILITY, QUALIFICATIONS, AND EXPERIENCE

OFFEROR shall provide appropriate evidence of corporate technical capability and experience.

Please list specific projects that provide evidence of the capability and experience of your company (including team members and primary OFFERORs/vendors) in ALL the areas of Work included in the Scope of this BMA Subcontract. Please include the following information for each project:

Year, Customer & Location
Project title
Company performing the work
Services provided that are directly relevant to this scope of work
Description of the project and the type of activities
Description of nuclear facility construction
Description of specialty experience (radiological conditions, NQA1 fabrication/installation/testing, etc.)
DOE/NRC Experience
Point of Contact

Provide the following:

1. Narrative addressing the company’s qualifications and how they comply with the Request for Proposal (RFP)
2. Evidence of Washington State Contractor’s license.
3. Describe company’s record and/or OFFEROR’s record of performing fabrication and construction services similar in size, content, and complexity to the requirements of the solicitation. Specific emphasis on previous projects over the past 10 years along with client contract references.
4. Experience working on government subcontracts (time & materials, cost reimbursable, labor hour with material pass-through cost), size/duration, and how current. Minimum experience 5 years.
5. Experience working in a complex radiological and chemical environments including hazardous waste sites, operating facilities, facility upgrades, and remediation/demolition of underground waste sites, pipelines, and facilities. Minimum experience 5 years.
6. Experience working with unions. Minimum experience 5 years.
7. Experience performing industrial construction activities in a highly regulated environment (DOE Orders, Hanford Standardized Site Programs and Policies, etc.). Minimum experience 5 years.
8. Experience issuing, administering, and managing subcontracts and purchase orders with sub-tier OFFERORs, vendors and suppliers.
9. Experience providing safety significant systems, structures, and associated support work.
10. Experience fabricating, installing, and testing remote operated equipment/piping requiring stringent tolerances.
11. Experience performing commissioning of systems, equipment, and facilities.
12. Demonstrated past experience with managing NQA-1 Work to ensure compliance with specification requirements.
13. Proposed lower tier OFFEROR and suppliers experience supports the proposed role.
14. Experience coordinating/establishing logistics (personnel housing, transportation, support facilities)
SECTION C - PERSONNEL QUALIFICATIONS

OFFEROR shall submit resumes for the Key Personnel and demonstrate the personnel meet the requirements as defined in the General Instructions to Offerors Section 5.8 “OFFEROR Key Personnel”.

OFFEROR’s proposed Key Personnel have the qualifications and experience related to procurement/fabrication/testing/installation of projects of similar scope, size, conditions, and complexity.

Availability and resumes of Other Personnel available/required to provide support for various releases issued under this BMA.

Note:
Successful Offeror will be required to support multiple releases working simultaneously.
Purpose – demonstrate the capability to staff multiple projects.
Demonstrate relevant/current Hanford training and qualifications.

SECTION D – PROJECT ORGANIZATION AND STAFFING

OFFERORS shall provide a typical project organization structure (chart) that identifies the relationships between the Prime OFFEROR and lower-tier teaming partners, the proposed Personnel, and interface with the BUYER. Quantity and titles of personnel and categories of home office personnel shall be clearly marked.

Provide a description of the OFFEROR’s organizational structure. Roles and responsibilities of each member of the organization shall also be included. The narrative shall define lines of authority, responsibility, and communication between teaming members with particular emphasis on safety management, interface between lower-tiers, and the BUYER.

Recent experience site experience indicates that Hanford Contractors are suffering from challenges getting and keeping enough skilled craftsman (electricians, pipefitters, nuclear laborers, etc.) to perform BUYER released Work. Detail the OFFEROR’s approach to recruit and retain skilled labor and experienced field supervision.

Provide a discussion of the methods/programs the OFFEROR plans to utilize to motivate and retain professional and craft personnel through completion of the project. Include a discussion of the safety and quality promotion programs the OFFEROR utilizes.

Provide a discussion on the OFFEROR’s methods/ability to staff multiple projects.

SECTION E - SAFETY and HEALTH

OFFERORS shall submit a narrative of the OFFEROR’S approach to an Integrated Safety Management System (ISMS) and conduct of operations. Narrative to include a discussion of implementing the requirements of the BUYER’s Worker Safety and Health Program; 10 CFR 851, as well as BUYER approved safety procedures and associated regulations that apply to this Work.

OFFEROR shall provide the EMR and OSHA data identified below. Demonstrate that the rate limits for the Prime OFFEROR and each lower-tier meet the requirements. The OFFEROR (including identified lower-tiers) shall have an EMR < 1.0 for each of the last three years. If the OFFEROR or sub-tier OFFEROR has an EMR > 1.0 and still wants to be considered, the OFFEROR MUST provide a written plan that identifies the
root cause of the high EMR and what actions have been/will be taken to mitigate/correct the issue during the performance of this Work.

Expected Requirements

1. Offerors, including team members, must have an Interstate Experience Modification Rate (EMR) and a State EMR of 1.0 or lower for the current and previous three (3) calendar years.
2. Offerors, including team members, must demonstrate a good safety record as evidenced by 5 years of safety data (OSHA Recordable Injury Rate; OSHA DART rate).
3. Mitigation Plans for each company with an EMR greater than 1.0. The plan shall identify the root cause of the high EMR and what actions have been/will be taken to mitigate/correct the issue during the performance of this Work. The plan also shall include management’s actions to reduce the injury incident rate.

Interstate Experience Modification Rate (EMR) and State EMR for the most recent full calendar year and previous two calendar years (most recent three years total).

**Interstate EMR for the past two years:**

Most Recent Full Year:
Previous Year 1:
Previous Year 2:

**State EMR for the past two years:**

Most Recent Full Year:
Previous Year 1:
Previous Year 2:

OSHA recordable injury rate (OSHA 300 Logs) and OSHA “days away, restrictions and transfers” (DART) rate data for each the most recent full year and previous four calendar years (most recent five years total).

**OSHA recordable injury rates (OSHA 300 Logs) for the past five full years:**

Most Recent Full Year:
Previous Year 1:
Previous Year 2:
Previous Year 3:
Previous Year 4:

OSHA DART rates for the past five years:

Most Recent Full Year:
Previous Year 1:
Previous Year 2:
Previous Year 3:
Previous Year 4:
APPENDIX “A”
TECHNICAL RESPONSE TEMPLATE

SECTION F - QUALITY ASSURANCE

OFFERORS shall submit a Quality Assurance Program, implementing procedures, and audit reports that demonstrate the ability to meet the requirements in Statement of Work and Specification 01 40 00 “Quality Assurance”.

Expected Requirements

1. OFFERORS must have a Quality Assurance Program (QAP) that implements a graded approach and that conforms to the requirements of:
   ASME NQA-1 2008 with 2009-1A Addenda, Parts I and II

2. OFFERORS must have experience applying its QAP to the aspects of work to be performed under the subcontract, including procurement, fabrication, welding, installations, testing, inspections, control of purchased items/services, safety significant structures/components, and construction services.
   OFFEROR’s QAP shall:
   a. Apply national standards, as appropriate, to specific work activities
   b. Address detection and control of suspect/counterfeit items
   c. Have a suite of Implementing Quality Assurance Procedures
   d. Have a suite of Implementing Construction Procedures
   e. Have a suite of Implementing Procurement Procedures
   f. Have a suite of Implementing Document Control Procedures
   g. Have a suite of Implementing Supplier Evaluation Procedures
   h. Have a robust Corrective Action/Non-Conformance Program

3. The OFFEROR shall include a copy of its QAP and QAP implementing procedures/documents, and provide details of any QA audit and approval by any other major client or independent body in the last four years.

4. The OFFEROR shall provide the last 2 years’ data from the OFFEROR’s Issues Management System including but not limited to:
   a. Non Conformance Reports (completed)
   b. Performance Evaluation Reports
   c. Corrective Action Plans

SECTION G – TECHNICAL DATA

The challenges associated with this scope of work will require that the OFFEROR’s Technical Approach and Capabilities be thoroughly evaluated to assure that the OFFEROR is Technically Qualified. OFFEROR shall demonstrate an understanding of the various types of work that maybe authorized under this BMA and provide details/discussion of the various programs, techniques and methods it intends to utilize to perform the Work released under the Blanket Master Agreement (BMA). Offeror shall submit the technical data, which the following:

1. OFFEROR shall provide a discussion of the approach to managing the Work released under this BMA. Include the planning, management approach, cost control/tracking, and integration of resources and activities to ensure successful accomplishment of multiple (and in some cases concurrent) releases issued under this BMA.
2. OFFEROR shall demonstrate an understanding of how Work will be safely implemented and controlled (utilizing the BUYER’s work control program) to ensure the work is completed in accordance with safety, quality, and design document (drawings, specifications, etc.) requirements.

3. OFFEROR shall provide a discussion of the controls that they will utilize to ensure safety, quality, and schedule performance from vendors and sub tier OFFERORS.

4. OFFEROR’s to provide their approach to on-site housing, transportation, and support facilities (includes PPE and mask stations). Housing, moving people between jobs, and workshops near/in Hanford Tank Farms are all difficult logistics required to execute “in-farm” work.

5. BUYER will provide radiologically controlled (regulated) GFE equipment for the OFFEROR’s use inside the Tank Farm controlled areas. Provide a discussion of the OFFEROR’s understanding of the requirements for utilizing (moving, operating, etc.) regulated equipment and methods of decontaminating equipment when needed to move between farms.

6. OFFEROR to provide description of how it will handle materials including delivery, inspection, acceptance, storage, and control. Description to include a discussion of the OFFEROR’S program and the physical requirements to control both government and OFFEROR furnished materials, supplies and equipment. Provide a copy of OFFEROR’s property management procedures/program.

7. OFFEROR shall provide a description of the procurement methods and techniques the OFFEROR intends to implement to accomplish the Work. Include a discussion of the techniques your company/team intends to utilize to ensure the Government and the BUYER will be provided the best value and on time delivery from its vendors/suppliers, and sub tier OFFERORS (completive vs. best value bidding, delivery, milestone payments, etc.).

8. OFFEROR shall provide a description or procedure of the subcontract change control process the OFFEROR intends to implement to accomplish the Work, including lower tier OFFEROR/vendor change control process. Include a discussion, of how the OFFEROR’S change control process will be implement to mitigate the impacts to schedule and cost. Expected BUYER response time to requests for information and changes, early notification to avoid critical path impacts, etc.

9. OFFEROR shall provide its approach/plan to transitioning existing Work, materials, equipment, and facilities in a draft transition plan that the OFFEROR intends to implement to assume in progress Work. The plan shall include the following:

  a. Safety  
  b. Key Transition Activities  
  c. Organization/Points of Contact  
  d. Communication/Interface (with BUYER, existing construction OFFEROR, vendors, etc.)  
  e. Transition Support Facilities (onsite/offsite)  
  f. Worker Transition  
  g. Training  
  h. Material, Tools, and Equipment Transfer  
  i. Novation/Transfer of Existing OFFEROR Purchase Orders/Subcontracts  
  j. BUYER Support Requirements  
  k. Deliverables  
  l. Checklists  
  m. Readiness  
  n. Conceptual Schedule  
  o. Action Tracking Log  
  p. Risks
APPENDIX “A”
TECHNICAL RESPONSE TEMPLATE

The COMPANY’S transition management will focus on four main objectives:

1. Safety: maintain a safe and compliant work site during transition activities

2. Readiness Verification of New OFFEROR: Confirm the readiness for transfer of responsibilities from the incumbent OFFEROR to the new OFFEROR for assuming the tank farms construction BMA contractual performance responsibilities.

3. Oversight of Incumbent OFFEROR: Continue oversight of the incumbent OFFERORs during the transition/turnover period.

4. Interface with New OFFEROR: Provide guidance, direction, information, and feedback to the new OFFEROR as required by the subcontracts in support of timely transition.

5. Readiness of BUYER: Ensure the BUYER’s Subcontract Management Team is prepared to perform new subcontract oversight.

Detail the OFFEROR’s experience with and technical approach to implement OFFEROR’s Assurance Systems (CAS) including performance assessment and corrective action management. Describe the Offeror’s interface with the COMPANY’s CAS.

OFFEROR should include a description of innovations or other practices that it would propose to provide the best value to the BUYER and the Government.

II. Proposal Process for Subsequent Work Releases

Discuss the OFFEROR’S approach and process to provide proposals for subsequent subcontracts released under this BMA. Narrative to provide typical proposal response schedule.

III. Job Site Requirements

Provide comments/concerns on the support facilities being provided by the BUYER.

Provide a description of the OFFEROR’S time keeping/recording practices for craft and professional personnel. Include in the discussion a description of the certified payroll processing. Describe how the time keeping/records interface with invoicing.

IV. Training and Qualification

Describe how the OFFEROR’s training and qualification program will interface with the BUYER’S Program. Include the techniques and methods the OFFEROR utilizes to ensure personnel are qualified to perform work.

V. Assumptions

OFFEROR shall identify assumptions supporting the proposal.

SECTION H – ZERO TOLERANCE FOR RETALIATION

Offeror shall describe how OFFEROR’S Management will create a work environment that employees will work in a safety conscious work environment in which they are free to raise issues, concerns, and
questions without fear of retaliation. Retaliation is any action that has the effect of punishing a person for engaging in legally protected activities (examples of retaliation could include harassment, intimidation, threats, coercion, or similar actions). Raising a concern that an employee reasonably believes reveals actual or potential damage to the environment, public health or safety, including workplace safety, waste, fraud, or abuse, or retaliation is protected by law.

☐ Offeror elects to use the BUYER Employee Concerns Program.

☐ OFFEROR maintains an Employee Concerns Program, a copy of which is enclosed with the Offeror’s Proposal.

SECTION J – TECHNICAL EXCEPTIONS AND DEVIATIONS

Offerors are encouraged to accept all terms and conditions set forth in the Request for Proposal (RFP). Offerors shall format their Proposals as closely as possible to the Request for Proposal Documents. If no exceptions and deviations are proposed by OFFEROR, check the box below. Failure to complete this form may be cause for rejection of OFFEROR’S Proposal. If unable to complete the requirements in Volume 1 identify the reason on Form I.

☐ No Exceptions or Deviations are requested.

In the event that OFFEROR is unable, for legitimate reasons of company policy or other bidding restraints, to accept COMPANY’s full terms and conditions, then OFFEROR may take such exceptions as set forth below. In the event that OFFEROR proposes ways of achieving significant “cost savings” to the COMPANY if certain exceptions or deviations to the RFP requirements are made, then OFFEROR may propose exceptions or deviations below. COMPANY wishes to emphasize that “significant cost savings” do not mean frivolous or minor claims of savings and may look with disfavor on Proposals containing only such. COMPANY does not represent that exceptions or deviations in this “cost savings” category will be accepted.

Refer precisely to which part of the RFP requirements the exception or deviation is being made. Each exception and deviation shall be submitted in the form of OFFEROR-proposed amendments to the RFP and must be listed separately by each Exhibit. No exceptions or deviations to the RFP documents shall be recognized unless expressly set forth herein and all other terms and conditions of the RFP documents shall remain in full force and effect.

☐ Exceptions taken are detailed below:

Notes:
1) List the RFP document by exhibit and paragraph number for each proposed exception or deviation.

2) Provide impacts to Subcontract Schedule (if any) and cost (plus or minus) to BUYER under “Cost/Schedule” column.

3) Under the “Reason” column, list the reason(s) for each exception or deviation proposed. Offerors are requested to keep their explanation brief.

**OFFEROR PROPOSED TECHNICAL EXCEPTIONS/DEVIATIONS**

<table>
<thead>
<tr>
<th>Exhibit Paragraph</th>
<th>Exception/Devi ation</th>
<th>Cost and/or Schedule Impact</th>
<th>Reason</th>
</tr>
</thead>
</table>

Continue the table as required.